# PRODUCT CATALOGUE



2018

# We plan, design and implement your storage solution!

- More than 5000 top quality products direct from the manufacturer
- Competent customer service
- ✓ Technical advice at your premises
- ✓ Fast track delivery



Dear business partners,

Discover more than 5000 products to optimise warehousing and product handling in your premises! Our new product catalogue offers whatever you need for professional storage and order picking.

A well-organized warehouse has many advantages: When everything is in its place, processes run smoothly and quickly. This will make your work easier and save you a lot of time and money.

Brand new and an innovative step towards sustainability and environmental awareness: our new C-item bins from sunflower compound are made from a blend of polypropylene and sunflower seed shells.

Among our new products you will also find the new stacking container series EMB. Designed to fit European dimensions, this series allows safe stacking and interstacking of different container sizes. Another useful product is our new plastic divider in bright colours for immediate visibility for subdividing shelf levels.

All products are also available in our webshop with a 5% online discount.

You can order directly - or ask our sales consultants to work out a customized solution.

We are sure that you will find a lot of useful products in our catalogue or webshop and look forward to working with you!







Winfried Schmuck

# CONVENIENT ORDERING

Tel.: +49 6753 122-0
Fax: +49 6753 122-399
E-Mail: info@bito.com
Shop: www.bito.com

#### YOUR ONLINE BENEFITS:

- + more than 5000 products
- + convenient search functions
- + product configurator
- + comprehensive overview on storage & order picking systems
- + large number of reference projects complete with detailed description & ample illustration





# **Our services - Your benefits**



#### **TOP QUALITY PRODUCTS**

All BITO products are covered by a two-year warranty. We also give a five-year quality promise on many product lines, particularly on many bin & container series. You find these products marked by icons and warranty symbols in our catalogue and our online shop!



#### **SUPPORT & ADVICE**

Our technical support service provides indepth knowledge on all our products and can make recommendations based on BITO's long experience and industry know-how.

Our expertise is available to you for anything from a single shelving unit to a complete storage and handling system. Just ask! Wherever you are, you are never too far to get one-to-one on-site advice and support.

You can pick up many of our high-quality products directly from our warehouses. Contact us now, we're here to help!



#### **CUSTOMER EXPERIENCE CENTRE**

Our service teams are available to provide advice and support every day - not only over the phone, also on-site. BITO is unique in being able to offer handling and picking systems designed to your specifications and have them tested in our experience centre in Germany. Try before you buy!



## ASSEMBLY SERVICE

If you are short of time or staff to set up your shelving or racking installation, we will be pleased to assist you with the assembly.

Our professionally trained staff will take charge of setting up the delivered installation. In close cooperation with project managers and engineers, they ensure that assembly work is carried out efficiently and in line with all safety regulations. If requested, at a fixed price. Please ask - we'll be happy to help!



#### **FAST TRACK DELIVERY**

As a supplier with over 5,000 items in our product range, we are able to offer you a wide range of products with short delivery times. Almost 90 per cent of all products ordered through our catalogue or our web shop are handed over to a carrier within 72 hours. We work with one of the largest and best-known logistical service providers in Europe to deliver your products.



#### **IN-DEPTH PROJECT PLANNING**

We analyse your product structures, examine your storage and picking processes on site, and help you to select the right racking system and/or the ideal combination of a range of systems.

Our in-house design experts will develop the perfect solution tailored to suit your unique challenges and applications.



#### **AFTER-SALES SERVICE**

To complete our services we also offer regular shelving and racking inspections. Depending on national safety regulations, operators of shelving and racking are legally obligated to have their facilities inspected at least once a year by a qualified person. BITO provides this inspection service. Our inspectors are trained to conduct all necessary tests in compliance with the safety regulations applicable in your country!

# **BITO** Contents

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	Environmental protection	Safety bunds
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# Premier quality manufactured in our own plants...

# In our plant at Meisenheim ...



... we manufacture shelving and racking for small, large, light weight and heavy weight, bulky and long goods, for load capacities ranging from 50 kg to 4.5 tons per storage level.



# We rely on the latest technology ...

... for manufacturing all our shelving and racking systems. Steel profiling is carried out to the highest standard on the most advanced bending, punching and edging machines on the market. The high level of automation in our manufacturing process guarantees that all products are absolutely true to size and consistently maintain a high level of quality. Our most modern facilities guarantee short order lead times and a reliable time management for order processing.

# Worldwide representation

With 15 subsidiaries in Europe, our subsidiary in the United Arab Emirates and partnerships in many other countries, we are always close to our customers!







# In our plant at Lauterecken ...

... we manufacture storage, distribution and order picking bins and containers for use in any industry and for almost any requirement.

# Customer specific demands ...

... are met by the BITO R&D department. Listening to your requirements and suggestions, our design and construction engineers coordinate the introduction of new bin and container types or a new feature to realise the optimum solution for your application – from the initial steps to the three-dimensional model, from the prototype to the final product ready to be manufactured in series. Moreover, our plant at Lauterecken also has the facilities to realise optional extras such as automated barcode labelling or milling and drilling drainage holes helping you to comply with fire prevention regulations.













# Working for a sustainable future



#### What we do



#### **Products from recyclable materials**

BITO storage and order picking systems do not only help you optimise workflow in storage and order picking areas. Ecological sustainability is equally important for us. All metal and plastic products are made from recyclable materials. Plastic bins and containers which are no longer used, are returned to the material cycle by grinding them in our own milling facility. In many cases, modern technology opens up the possibility to re-use steel, too, and to create a closed loop for steel products.

Being strong advocates of a holistic approach to management, we constantly strive to harmonise the goals of the people who are working for and with our company with the goals of society and environmental demands.

#### Our key to success is ... our staff!

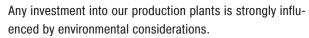
Our staff is our most valuable asset. This is why personnel development is highly valued at BITO. Our in-house academy offers a broad range of vocational training courses and courses for acquiring advanced qualification to allow our staff to keep up with the latest developments in their working environment. This offer is widened by numerous seminars encouraging personal development.

Meanwhile, vocational education options at BITO include almost 20 occupations in many trades and professions. Suitable qualification can be acquired through the whole range of educational offers ranging from an apprenticeship to an academic degree. Providing the opportunity of professional training to young people of our region is a valuable contribution to regional development.

# **Environmental protection**

#### Production - clean and energy efficient

areas at an even level.





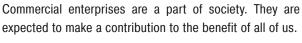
At BITO, we benefit from a closed water circuit with subsequent water treatment. Equally important to us is emission free manufacturing, for example during cold forming and injection moulding. Waste heat recovery facilities recycle machine heat by feeding it into the heating circuit for keeping ambient temperatures in work

All these measures help us to fully comply with the latest regulations on implementing energy saving and clean production processes.





#### Our contribution to society





We sponsor cultural activities, youth programmes and sports events in our region. In close cooperation with clubs and social services, we make financial contributions to programmes for young people, organise cultural events and help to carry out special projects.

# Your single source supplier



# BITO — the one stop shop

Shelving & racking, bins & containers as well as matching accessories — BITO provides the full product range in the field of storage and order picking. From single shelving bays to compact pallet racking installations. From a small sized storage bin with pick opening to large volume containers. From write-on labels to hand pallet trucks.

The BITO product range offers more than just the basics for those who "only" need a shelving unit or a bin. It also includes the full range of components, the know-how and a competent concept-to-completion consultancy service for realising complex, state-of-the-art multi-system storage and order picking facilities.

Your advantage: each project will have a designated project manager so you will not be dealing with several persons.

# Our shelving & racking range ...

... includes boltless and bolted shelving, shelving with extra large shelves, wide span and heavy duty shelving, pallet racking, cantilever racking, mobile shelving and racking, multi-tier facilities, carton and pallet live storage as well as automated storage installations.

Whether you opt for a conventional solution or an automated live storage installation – the BITO team will be pleased to assist you in making the right choice for your application.

# Our bin & container range

Our comprehensive bin & container range is suited for a very broad spectrum of applications. Manufactured in an impressive choice of dimensions, the BITO range includes bins and containers for storage and order picking, containers in European standard dimensions, the successful multi-purpose container series, bins and trays for automated storage as well as pallet sized containers.





#### Our accessories ...

... such as workbenches, transport dollies, order picking and shelf trolleys, bins and cupboards, steps, labels, label holders and safety equipment top off our product range.

Whatever you will need for your warehouse or stockroom — you can rely on BITO for all your purchasing issues!







# Storage, transport and order picking containers



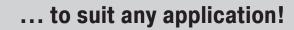


BITO provides an impressive range of bins and containers for any application - from bins and containers for storage and order picking over various stacking container series in European standard sizes, multi-purpose containers, bins and trays for automated small parts facilities to pallet containers.

Our R&D design and construction engineers take pride in working out the optimum, customer-oriented solution. Backed by the most advanced technical facilities, our engineers are able to respond to specific customer demands and to coordinate the introduction of a new BITOBOX — from the initial steps to the three-dimensional, digital model, from the prototype to the final product ready to be manufactured in series.











BITOBOX







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# **BITO** bins and containers: Top quality made in **Germany**



BITO bins and containers are produced in one of the most modern plants of the industry on high performance injection moulding machines with a clamping force of up to 27000 kN. After production, our bins and containers pass through our 600 sqm finishing centre where they are given the final touch to meet customer specific requirements. The entire manufacturing process combines high levels of automation with utmost versatility.



#### Marking and identification

Requests as to the application of logos and messages as well as bin and container identification are as diverse as our customers. The easiest way to realise these requests is by print-ons. BITO is able to do more than this: we offer all other options, too: from screen print, pad print, hot stamping and injection moulding to automated barcode labelling.



#### Welding, milling, riveting

The use of bins and containers in automated storage installations means observing very narrow tolerances, particularly in view of base deflection. With vibration welded double base containers from our finishing centre, we perfectly meet this requirement. Other bin and container features can also be provided without any difficulty - our modern CNC milling machines realise precision holes, drainage holes and slots as required.

# Key to our symbols



#### **Environmental compatibility**



Plastic bins and containers not used anymore will be ground in a recycling facility. The regranulated material will then be used to manufacture special application products.

Bins and containers marked with this symbol are produced from plastic regranulate.



All bins and containers with this symbol are granted a 5 year promise on quality - which is far more than required by law.





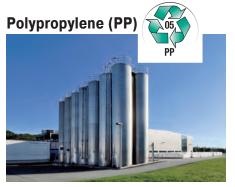
Many bin and container types are available in special colours when ordered in quantities of 200 and more. Call us!



BITO bins and containers marked with this symbol are safe for storing and transporting unpacked foodstuffs.



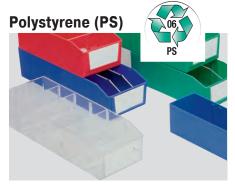
Bins and containers marked with the ESD symbol are made from dissipative material to protect electronic parts and components from damage caused by sudden electrostatic discharge.



Copolymer polypropylene guarantees a long service life, is resistant to most acids and alkalis, organic solvents and greases. In addition, it is odourless, mild on skin, food safe and recyclable.



Recycled, granulated material. This symbol denotes that bins or containers have been manufactured from recycled polypropylene.



Polystyrene is a highly rigid material. Also available as transparent version.

# **Base deflection**



Bins and containers used in automated storage and retrieval systems (AS/RS) must meet special requirements. One of the most important criteria for use on bin carriers or on conveyors is a strong base to minimize deflection. This symbol shows the maximum base deflection of our bins and containers with uniformly distributed loads handled at an ambient temperature of 23°C. It is assumed that bins and containers are handled long side on and placed onto support profiles in AS/RS facilities. Ask us for more details!



All indicated load capacities refer to an ambient temperature of 23°C. The dimensional stability of bins and containers also applies to short cleaning processes within a specified temperature range. The symbol indicates the corresponding limit values.



# **Storage bins SK**

Easy-to-view-'n-pick solution for small parts

- 9 variations in 5 base dimensions
- Straight sides and 90° corners allow good volume utilisation
- Integral moulded grips for safe handling
- The textured base and rounded edges ensure optimum travel characteristics on conveyors and in live storage systems
- Safe stacking due to positive locators on the stacking edge
- Sturdy corner design provides additional rigidity
- Supplied with 1 label card per container





Overall dim. L x W x H	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Pcs/pack	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm	mm	Litres	kg	kg						
85 x 102 x 50	69 x 90 x 43	0,3	1		SK1095	60	2-19578	2-19579	2-19580	2-19581
160 x 103 x 75	139 x 87 x 68	0,8	2		SK1610	40	2-1445	2-1448	2-1446	2-1447
230 x 150 x 125	199 x 129 x 116	3,0	5	35	SK2311	20	2-1449	2-1452	2-1450	2-1451
350 x 210 x 145	299 x 186 x 134	7,5	15	90	SK3521	10	2-1453	2-1456	2-1454	2-1455
350 x 210 x 200	299 x 186 x 188	10,0	20	90	SK3522	10	2-1457	2-1460	2-1458	2-1459
500 x 313 x 145	447 x 281 x 132	17,0	30	180	SK5031	8	2-1461	2-1464	2-1462	2-1463
500 x 313 x 200	447 x 281 x 186	24,0	35	180	SK5032	6	2-1465	2-1468	2-1466	2-1467
500 x 310 x 200 (R)	447 x 281 x 186	24,0	50	180	SK5032R	6	2-1469	2-1470		
500 x 313 x 300	448 x 282 x 286	36,0	35	150	SK5033	4	2-14896	2-14893	2-14895	2-14894

# STORAGE BINS WITH PICK OPENING

# Small parts storage bins and containers



# **Accessories**

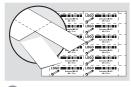




B Dust covers







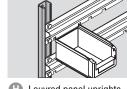


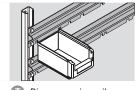
D Longitudinal dividers

E Labels









Label covers

**G** Handles

H Louvred panel uprights

Bin suspension rails

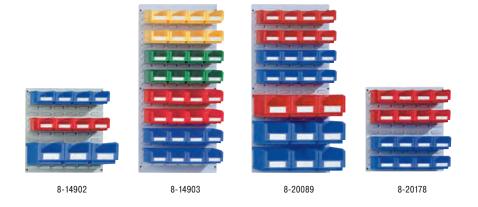
Pos.	Description		Accepts bin type	Container type	Pcs/ pack	Ref. no.	
A	Windows	made from transparent material, can be retro-fitted, permanently	SK 1610	ES1610	10	2-1108	
		attached to container to avoid risk of loss, can also be opened when	SK 2311	ES2311	10	2-1109	
		containers are stacked	SK 3521	ES3521	10	2-1110	
			SK 3522	ES3522	10	2-1111	
			SK 5031	ES5031	31 10 2	2-11969	
			SK 5032	ES5032	10	2-1112	
			SK 5033	ES5033	10	2-14578	
В	Dust covers	from plexiglass, dustproof storage, dust cover and viewing window	SK2311	SD2311	10		
		in combination completely close a bin	SK3521, SK3522	SD352	10	2-1134	
			SK5030, SK5031, SK5032	SD503	10	2-1136	
G	Drop-on lids	from transparent polypropylene, optimum protection from dust, easy	SK 1095	VD1095	10	2-19545	
		assembly, double function as dust cover and viewing window	SK 1610	VD1610	10	2-19870	
			SK 2311	VD2311	10	2-30261	
D	Longitudinal dividers	from polystyrene, colour: grey, can be retro-fitted, special holding	SK3521, SK3522	LT352	10	2-1074	
		fixture prevents labels from slipping out, effortless slot-in fixing	SK5032, SK5033	LT5032	10	2-1075	
A	Labels	pre-perforated blank label sheets, ready for direct printing, suited	SK1095	46-20773	1600	46-20773	
		for laser and inkjet printers, on white DIN A4 sheets, 140 g/m <sup>2</sup> ,	SK1610	46-20774	1000	46-20774	
		25 sheets per pack, colour white	SK2311, SK3521, SK3522	46-20775	400	46-20775	
			SK5031, SK5032	46-20776	175	46-20776	
			SK5033	46-20777	125	46-20777	
G	Label covers			SF1095	50	2-19547	
		soiling and damage	SK1610	SF1610	50	2-1061	
			SK2311, SK3521, SK3522	SF352	50	2-1063	
			SK5031, SK5032	SF503	50	2-1066	
			SK5033	SF5033	50	2-14897	
G	Handles	from black PVC, supplied ready-mounted upon request; retro-fitting is possible after drilling two holes	SK5031, SK5032, SK5033	TS3	10	2-19527	
M	Louvred panel	galvanised steel profiles, to be anchored to the wall, bin suspen-	L 1000 x W 35 x H 25 mm	CW1	1	8-5928	
	uprights	sion rails can be adjusted in height anywhere along louvred panel uprights	L 2000 x W 35 x H 25 mm	CW2	1	8-5929	
•	Bin suspension rails	profiled hanging rail from galvanised steel complete with 2 connector plates and 4 bolts. Notches will accommodate 10 bins SK1095, 10 bins SK1610, 7 bins SK2311, 5 bins SK3521. Louvred panel capacity and dimensions: number of hanging rails = number of bins in a row + 1, panel height = bin height + 45 mm, panel width = 1126 mm)	L 1126 mm	16/1	1	8-7869	



# Louvered panel kits complete with bins

- Precision formed and finished in non-corrosive galvanised steel
- Easy wall mounting





Dimensions W x H	Features	Ref. no.
mm		
457 x 495	16 x SK1610 (160 x 103 x 75 mm)	8-20178
	3 x SK2311 (230 x 150 x 125 mm) 8 x SK1610 (160 x 103 x 75 mm)	8-14902
457 x 991	32 x SK1610 (160 x 103 x 75 mm)	8-14903
	16 x SK1610 (160 x 103 x 75 mm) 9 x SK2311 (230 x 150 x 125 mm)	8-20089





# **Louvered panels**

# suited for wall and workbench mounting





#### Suited for wall and workbench mounting

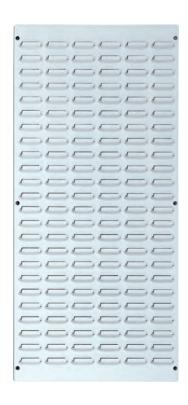
- Reinforcing profiles on the rear, can also be fitted to a desktop
- Easy-to-mount, hardwearing steel sheet panels
- Accept storage bins SK1095, SK1610 and SK2311

Width					
	Width	Height	Ref. no.		
	mm	mm			
	495	457	8-14833		
	991	457	8-14834		
•	1486	457	8-14835		

## Suited for wall mounting

- Easy-to-mount, hardwearing steel sheet panels
- Accept storage bins SK1095, SK1610 and SK2311

Width	Height	Ref. no.
mm	mm	
457	495	8-14837
	991	8-14838
	1486	8-14839



#### **Accessories**



A Spigots for louvred panels

Pos.	Description	Dimensions	Pcs/ pack	Ref. no.
		mm		
A	Spigots for louvred panels, round spigots for louvered panels	L 150	1	8-14841
		L 200	1	8-14842
		L 300	1	8-14843



# **Louvered panels**

designed to fit your shelving

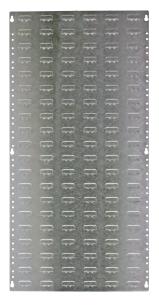






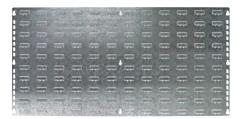


Storage bins SK from page 16



# Fitted to shelving sides

For a shelving depth of	Height	Ref. no.
mm	mm	
500	500	8-31333
300	1000	8-31329
400	1000	8-31330
500	1000	8-31331
600	1000	8-31332
Fixing material	pan head rivets, please order 6/12 pcs. per louvered panel (500 mm/1000 mm high) to fix panel to shelving	41-28460



#### Fitted to shelving back

For a shelf length of	Height	Ref. no.
mm	mm	
1000	500	8-31326
	1000	8-31327
1300	1000	8-31328
Fixing material	spring clips, please order 6/12 pcs. per louvered panel (500 mm/1000 mm high) to fix panel to shelving	10-12290



# Bin racks and bin trolleys

Instant product identification, easy access!

## **Bin trolleys**

- Robust, welded steel construction, galvanised
- 1 push handle
- 2 swivel and 2 fixed castors, Ø 125 mm
- Easy self-assembly

Description	Outside dimensions W x H x D	Features	Ref. no.
	mm		
single sided use	1130 x 1705 x 510	56 x SK2311 blue	8-19515
		40 x SK1610 red 21 x SK2311 blue 10 x SK3521 red	8-13422
		35 x SK3521 red	8-19516
		60 x SK1610 red 28 x SK2311 blue	8-19517
		120 x SK1610 red	8-19514
double sided use	1130 x 1705 x 710	112 x SK2311 blue	8-19520
		80 x SK1610 red 42 x SK2311 blue 20 x SK3521 red	8-13423
		70 x SK3521 red	8-19521
		120 x SK1610 red 56 x SK2311 blue	8-19522
		240 x SK1610 red	8-19519



#### Bin racks

- Robust make
- Easy self-assembly
- Designed to accommodate several bin sizes for maximum use of space

Description	Outside dimensions W x H x D	Features	Ref. no.
	mm		
single sided use	1130 x 1885 x 500	70 x SK2311 blue	8-19501
		60 x SK1610 red 42 x SK2311 blue	8-19504
		40 x SK1610 red 21 x SK2311 blue 20 x SK3521 red	8-13420
		45 x SK3521 red	8-19502
		150 x SK1610 red	8-19500
double sided use	1130 x 1885 x 700	140 x SK2311 blue	8-19508
		120 x SK1610 red 84 x SK2311 blue	8-19511
		80 x SK1610 red 42 x SK2311 blue 40 x SK3521 red	8-13421
		90 x SK3521 red	8-19509
		300 x SK1610 red	8-19507





# **Boltless shelving complete with SK bins**

galvanised finish

Neat product presentation in office and workshop environments

■ Shelf load: 50 kg■ Bay load: 500 kg

■ Fast and easy assembly without bolts saves time

■ Supplied with storage bins with pick opening SK



Bin colours as illustrated. Other colours (blue, red, green, yellow) upon request!



Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.	
		mm			
40 x SK3521	Starter bay	1850 x 958 x 324	10	10-12715	
(350 x 210 x 145 mm)	Extension bay	1850 x 908 x 324	10	10-12716	





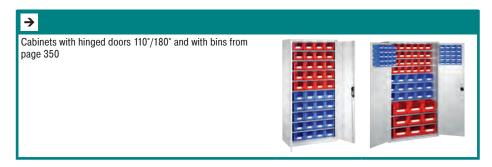
## With 32 storage bins SK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
16 x SK3521	Starter bay	1850 x 958 x 324	8	10-12732
(350 x 210 x 145 mm) 16 x SK3522 (350 x 210 x 200 mm)	Extension bay	1850 x 908 x 324	8	10-12733



#### With 30 storage bins SK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
30 x SK5031	Starter bay	1850 x 1058 x 524	10	10-12711
(500 x 315 x 145 mm)	Extension bay	1850 x 1008 x 524	10	10-12712





# Storage bins PK

Budget bin range with a large storage capacity and useful accessories

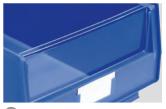
#### **■** Good price-performance ratio

BITOBOX PK



Overall dim. L x W x H	Inside dimensions L x W x H	Volume	Material	Container type	Description	Pcs/pack	Ref. no.	Ref. no.
mm	mm	Litres						
350 x 210 x 145	295 x 185 x 134	7,5	PP	PK3		10	2-1416	2-1419
350 x 210 x 200	295 x 185 x 190	10,0	PP	PK401		10	2-1427	2-1430
500 x 310 x 200	442 x 282 x 187	24,0	PP	PK2		6	2-1412	2-1415
500 x 310 x 300	438 x 280 x 293	38,0	PE	PK1	including handle	4	2-1410	2-1411

## **Accessories**







A Windows B Dust covers

C	Handl	98

Pos.	Description		Accepts bin type	Container type	Pcs/ pack	Ref. no.
A	Windows	push-fit viewing windows increase filling volume by up to 25%	PK1	ES1	10	2-1113
			PK2	ES2	10	2-1114
			PK3	ES3	10	2-1115
			PK401	ES401	10	2-1116
В	Dust covers	from plexiglass, drop-on fitting on storage bins to keep off dust	PK1, PK2	SD1	10	2-1124
			PK3, PK401	SD3	10	2-1135
C	Handles	for convenient container handling, easy bolt-on fixing, from black PVC	PK2	TS2	10	2-15849



# European size storage bins and containers

# **European size stacking containers XL**

#### with view and pick opening

European size containers for storage, transport and order picking

- Large volume
- Ergonomically designed open hand grips
- Supplied with 1 label card per container
- Label holder on all four sides
- Pick opening with window from indestructible polycarbonate (see accessories)







400 x 300 mm



600 x 400 mm



800 x 600 mm

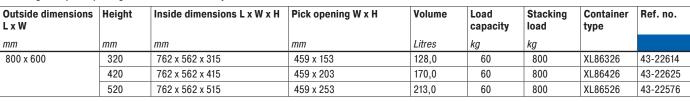


#### With short side pick opening

Outside dimensions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.	Ref. no.
mm	mm	mm	mm	Litres	kg	kg			
400 x 300	170	368 x 268 x 167	212 x 81	15,0	15	200	XL43174	43-14979	43-14980
	220	368 x 268 x 217	212 x 106	19,0	20	200	XL43224	43-14981	43-14982
	270	368 x 268 x 267	212 x 131	24,0	20	200	XL43274	43-14983	43-14984
600 x 400	170	568 x 368 x 166	274 x 81	31,0	15	250	XL64174	43-14985	43-14986
	220	568 x 368 x 216	274 x 106	41,0	15	250	XL64224	43-14987	43-14988
	270	568 x 368 x 266	274 x 131	51,0	15	250	XL64274	43-14989	43-14990
	320	568 x 368 x 316	274 x 156	62,0	20	250	XL64324	43-14991	43-14992
	420	568 x 368 x 416	274 x 206	82,0	20	250	XL64424	43-14993	43-14994
800 x 600	220	762 x 562 x 215	459 x 103	86,0	60	500	XL86224		43-22598
	320	762 x 562 x 315	459 x 153	128,0	60	500	XL86324		43-22613
	420	762 x 562 x 415	459 x 203	170,0	60	500	XL86424		43-22560
	520	762 x 562 x 515	459 x 253	213,0	60	500	XL86524		43-22575

#### With long side pick opening

Long side pick opening ensures fast and easy retrieval





# STORAGE BINS WITH PICK OPENING

# European size storage bins and containers

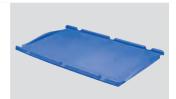


# **Accessories**





E Labels



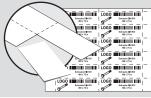
B Drop-on lids



C Drop-on lid



Handles















H Transport dolly

Pos.	Description		Colour	Accepts bin type	Container type	Pcs/ pack	Ref. no.
A	Windows	provides protection against dust, made from polycar-	transparent	XL43174	ES43174XL	10	43-22536
		bonate to allow instant product viewing, easy product		XL43224	ES43224XL	10	43-18584
		retrieval, permanently attached to container to avoid risk of loss, can also be opened when containers are		XL43274	ES43274XL	10	43-18585
		stacked		XL64224	ES64224XL	10	43-18589
				XL64274	ES64274XL	10	43-18588
				XL64324	ES64324XL	10	43-18587
				XL64424	ES64424XL	10	43-18586
				XL86324/6	ES8632XL	10	43-20271
				XL86424/6	ES8642XL	10	43-22548
				XL86524/6	ES8652XL	10	43-30266
В	Drop-on lids	will cover container stacks, can also be used to close	blue	L 400 x W 300 mm	AD43	1	43-20303
		individual containers, suited for automated lidding and	red	L 400 x W 300 mm	AD43	1	43-20498
		strap-sealing	blue	L 600 x W 400 mm	AD64	1	43-20301
			red	L 600 x W 400 mm	AD64	1	43-20494
9	Drop-on lid	will cover container stacks, can also be used to close individual containers	grey	L 800 x W 600 mm	SLS86-46	1	52-30500
	Handles	for convenient container handling, easy bolt-on fixing, can be retro-fitted, for short side pick openings only	black	400 x 300 mm	TS43XL	10	43-9409
				600 x 400 mm	TS64XL	10	43-9408
				800 x 600 mm	TS86XL	10	43-22624
•	Labels	pre-perforated blank label sheets, ready for direct print- ing, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack, colour white	white	W 210 x H 74 mm	46-20778	100	46-20778
3	Label covers	label holder (PVC) with bent lip allows easy label insertion from the top, suited for all XL and KLT containers	water clear	KLT	KLT-ET1	10	9-20053
	Labels	white plastic cards, suited for all XL and KLT containers with a minimum height of 170 mm	white	W 210 x H 74 mm	XL21/74	50	43-14557
3	Transport dolly	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or	polypropylene wheels	L 620 x W 420 mm	TR64	1	43-1491
		2x400x300 mm, framework from glassfibre reinforced polyamide	rubber wheels	L 620 x W 420 mm	TR64G	1	43-21883
D		supplied with 2 swivel and 2 fixed castors, suited for containers sized 800 x 600 mm, made from polypropylene	for contain- ers sized 800 x 600 mm	L 800 x W 600 mm	RU86.125	1	43-1150



# European size storage bins and containers

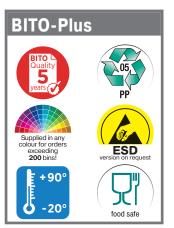
# **European size stacking containers BN**

#### with view and pick opening

Extremely sturdy range with European footprint

- View and pick opening available on short side or on long side
- Ergonomically designed open hand grips
- Optionally available with window from transparent plastic
- Carry / safety handle from black PVC (see accessories)
  - for short side pick opening only
- Label covers (see accessories)
- For loads of up to 50 kg
- Colour: blue







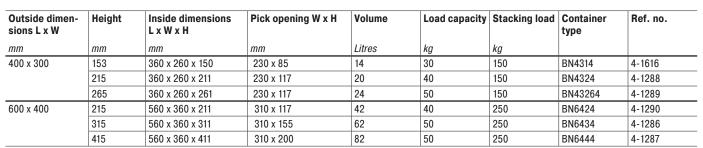
BITOBOX BN



400 x 300 mm

600 x 400 mm

# With short side pick opening





#### With long side pick opening

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	mm	Litres	kg	kg		
600 x 400	315	560 x 360 x 311	430 x 200	62	40	250	BN6436	4-1617
	415	560 x 360 x 411	430 x 230	82	40	250	BN6446	4-1618

# European size storage bins and containers



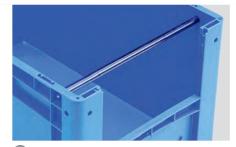
## **Accessories**







B Drop-on/clip-on lids



Handles



Label covers



E Label covers



F Hinge clips for lids

Pos.	Description		Colour	Accepts bin type	Container type	Pcs/ pack	Ref. no.
A Windows		dows provides protection against dust, made from		BN43264	ES432	10	4-11716
		plexiglass to allow instant product viewing -		BN6434	ES6424	10	4-10885
		easy product retrieval, permanently attached to container to avoid risk of loss, can also be		BN6434	ES6434	10	4-1147
		opened when containers are stacked		BN6436	ES6436	10	4-11703
				BN6444	ES6444	10	4-1148
				BN6446	ES6446	10	4-11917
B	Drop-on/	reliable protection against soiling, containers	blue	L 400 x W 300 mm	KD430	1	4-1152
	clip-on lids	remain fully stackable		L 600 x W 400 mm	KD640	1	4-1153
C	Handles	for convenient container handling, easy bolt-on	black	400 x 300 mm	TS43XL	10	43-9409
		fixing, can be retro-fitted, for short side pick openings only		600 x 400 mm	TS64XL	10	43-9408
D	Label covers	riveted to container by manufacturer, for 95 mm and 68 mm wide labels	water clear	except BD4314, BN6407	ET1	1	4-1072
<b>E</b>		can be retro-fitted, for 95 mm and 68 mm wide labels		except BD4314, BN6407	ET5	10	4-9454
G	Hinge clips for lids	can be used with drop-on lids, clip-on lids and hinged lids, from white PVC, push-in fitting, 2 hinge clips = lid swings open, 4 hinge clips = lid is closed	white		DSV	100	4-1144



# **C-item bins CTB**

# Streamline your workflow with C-item bins!

C-item bins CTB combine the advantages of handling bins with all sides closed and storage bins with pick opening. On top of of this, CTB bins come in sizes that have been adapted to standard shelving dimensions.

All bins are supplied with a slide-down window as standard feature. The curved lip serves as carrying handle and as push & pull grip. The bin base is conveniently radiused for easy retrieval even of very small items. Optional extras such as product feeder panels, a safety bar and cross dividers improve handling convenience.





Slide-down window
The integral handle unites several
functions: it can be used to carry bins,
to push and pull bins stored in racks
and it provides a large label area.



Front picking
By simply pushing down the window
smaller quantities can be retrieved
without having to pull the bin forward.



Top picking
For retrieving larger quantities, the bin can be pulled forward and tilted; the carrying handle lifts automatically, preventing the bin from falling out and lowers when the bin is pushed back into the rack.



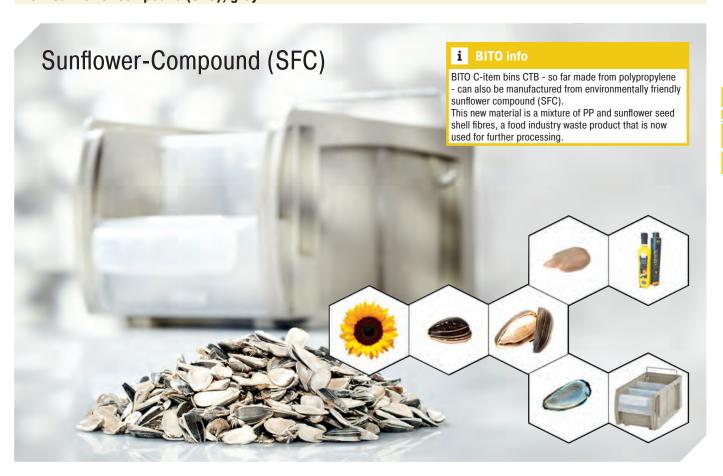
Slide-down window CSS
Prevents small items from spilling out
when the bin is tilted or the slide-down
window is pushed down.





# **C-item bins CTB**

from sunflower compound (SFC), grey



- ... made from resource-saving material!
- Opting for bins from sunflower compound means reducing your carbon footprint and saving energy
- Sunflower Compound is a waste product of the food industry that is now used for the benefit of the environment







## From sunflower compound (SFC), grey

Overall dim. L x W x H	Inside dimensions L x W x H	Volume	Load ca- pacity	Stacking load	Container type	Pcs/ pack	Ref. no.
mm	mm	Litres	kg	kg			
300 x 156 x 140	250 x 127 x 129	4.1	15	100	CTB31514SFC	12	C0240-0005
400 x 156 x 140	350 x 127 x 129	5.7	15	100	CTB41514SFC	12	C0240-0006



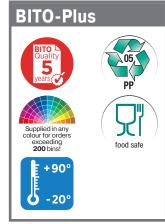
## **C-item bins CTB**

#### polypropylene (PP), dove blue

Here they are: the new C-item bins – extremely robust, versatile and unmistakably BITO!

- Simply push down the window for picking smaller quantities without having to pull the bin forward
- Optional product feeder panel to prevent items from spilling out
- The container base is conveniently radiused for easy retrieval even of very small items
- Label holder on the back of the bin to accommodate Kanban cards
- Supplied with slide-down window as standard feature. The window with integral handle can also be also used to carry bins, to push and pull bins stored in racks and it provides a large label area.







#### Polypropylene (PP), dove blue

Overall dim. L x W x H	Inside dimensions L x W x H	Volume	Load ca- pacity	Stacking load	Container type	Pcs/ pack	Ref. no.
mm	mm	Litres	kg	kg			
300 x 156 x 140	250 x 127 x 129	4.1	15	100	CTB31514	12	53-31315
400 x 156 x 140	350 x 127 x 129	5.7	15	100	CTB41514	12	53-31316

#### **Accessories**







B Carry/safety handle



Cross dividers CQT



Easy peel label holders

Pos.	Description		Accepts bin type	Pcs/ pack	Ref. no.
A	Product feeder panels CDS	prevent small items from spilling out when bin the is tilted or the slide-down window is pushed down	CTB31514/ CTB41514	10	53-31304
В	Carry/safety handle	spring-mounted safety and carry handle, can be retro-fitted at any time, allows bins to be tilted forward and prevents them from falling; more convenient bin carrying, prevent bins from being pulled out of the shelving by accident, lowers automatically when bin is pushed into shelving or when weight is applied during stacking	RK*1509, CTB*1514	10	3-31314
G	Cross dividers CQT	cross dividers support the Kanban principle as they allow to create 2 picking pools in the same bin	CTB31514/ CTB41514	10	53-31303
D	Easy peel label holders	self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces		100	53-31308
B	Dust covers CSD	dustproof storage, from transparent material	CTB31514	10	53-31341
			CTB41514	10	53-31342



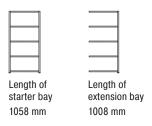
# Kanban bin shelving for small parts

## with bins, galvanised finish

Save space and time with the new BITO Kanban solution

- Ultra flat shelves are real space savers
- Shelf height 20 mm
- Stores 25% more C-items and provides ergonomic access for order pickers
- All bins are supplied with a slide-down window as standard feature. For optional extras such as product feeder panels, cross dividers, safety bars and dust covers refer to CTB bin accessories.





						Sneit wiath	1000 mm	
						Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	Description	External bay depth	Useable depth	Features	Bay load	Ref. no.	Ref. no.
mm			mm	mm		kg		
1850	10	single sided use	324	300	60 x CTB31514 (300 x 156 x 140 mm)	1300	53-35117	53-35121
			424	400	60 x CTB41514 (400 x 156 x 140 mm)		53-35116	53-35120
		double sided use	624	600	120 x CTB31514 (300 x 156 x 140 mm)		53-35114	53-35118

#### **Accessories**



Boltless shelving accessories from page 154

Pos.	Description		Load capacity	For a shelf length of	For a shelving depth of	Pcs/pack	Ref. no.
			kg	mm	mm		
A Ultra-flat		shelf height 20 mm, compatible with BITO standard	90	1000	300	1	53-33582
shelves	boltless shelving of all types, supplied with 4 shelf	100	1000	400	1	53-33583	
	clips	150	1000	600	1	53-33585	

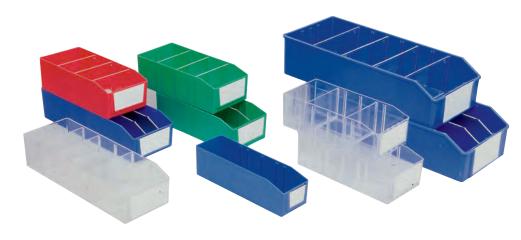
# Storage and handling bins

# Storage and handling bins PK

Sloped bin front for immediate product identification

- Budget alternative to storage and handling bins RK
- Supplied with labels and label covers
- Optionally available as transparent version



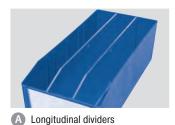




(Number of bins x-mm wide fitting on a 1000 mm long shelf)

Length	Width	Height	Inside dimensions L x W x H	Volume	Container type	Pcs/ pack	Colour	Ref. no.
mm	mm	mm	mm	Litres				
295	90	80	283 x 81 x 77	1.8	PK3091	35	blue	3-1421
	90	80	283 x 81 x 77	1.8	PK3090	35	water clear	3-1420
	136	90	283 x 125 x 87	3.1	PK3131	14	blue	3-1423
	136	90	283 x 125 x 87	3.1	PK3131	14	red	3-1425
	136	90	283 x 125 x 87	3.1	PK3131	14	green	3-1424
	136	90	283 x 125 x 87	3.1	PK3130	14	water clear	3-1422
395	136	90	381 x 125 x 87	4.2	PK4131	14	blue	3-1432
	136	90	381 x 125 x 87	4.2	PK4130	14	water clear	3-1431
500	230	115	486 x 210 x 111	9.2	PK351	14	blue	3-1426

## **Accessories**





Pos.	Description		Colour	Accepts bin type	Container type	Pcs/ pack	Ref. no.
A	Longitudinal	subdivide bins front-to-back into two or three	water clear	PK3130, PK3131	LT31302	10	3-1073
	dividers	dividers compartments	galvanised	PK351	LT3502	10	3-1091
				PK4130, PK4131	LT41302	10	3-1092
В	Cross dividers	dovetail grooves safely hold dividers in place	transparent	PK3130, PK3131, PK4130, PK4131	QT130	10	3-1099
				PK351	QT3501	10	3-1102
				PK3090, PK3091	QT090	10	3-1097

# Storage and handling bins



# **Boltless shelving complete with PK bins**

#### galvanised finish

Your budget choice for small parts

■ Shelf load: 50 kg■ Bay load: 500 kg

■ Supplied with storage and handling bins PK

■ Bin colour: blue



Storage and handling bins PK

## With 44 storage and handling bins PK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
44 x PK351	Starter bay	1850 x 1058 x 524	11	10-12717
(500 x 230 x 115 mm)	Extension bay	1850 x 1008 x 524	11	10-12718



#### With 98 storage and handling bins PK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
98 x PK4131	Starter bay	1850 x 1058 x 424	14	10-12719
(395 x 136 x 90 mm)	Extension bay	1850 x 1008 x 424	14	10-12720



## With 140 storage and handling bins PK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
140 x PK3091	x PK3091 Starter bay		14	10-12723
(295 x 90 x 80 mm)	Extension bay	1850 x 1008 x 324	14	10-12724



Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.	
		mm			
98 x PK3131 (295 x 136 x 90 mm)	Starter bay	1850 x 1058 x 324	14	10-15793	
	Extension bay	1850 x 1008 x 324	14	10-15794	





Storage and handling bins PK on page 32

# Storage and handling bins RK

# Keep everything in the right place!

Designed to fit perfectly into BITO shelving, the storage and handling bin series RK is ideal for storing small items. The large storage volume, high rigidity and numerous accessories are further benefits. External hand grips and an optional support bar at the rear ensure convenient handling.



#### **Product features**



Handling
The handle and the integral grip allow excellent manual handling.
90° corners, snag-free internal sides and a flat base allow excellent volume utilisation.



Support bar Retro-fitting the support bar for shelf use turns the bin into a drawer and prevents it from being pulled out by accident.



Stacking safety
Stacking safety is excellent due to the slightly prominent base edging and stacking rim on all sides and does not reduce with use of the lid and lifting/safety bar. Very high load capacity and stacking load.



# BITO

# Storage and handling bins RK

Store your small items in a minimum of space and away from dust and dirt

■ Perfectly fitting into BITO shelving systems

Comfortable and safe handling assists operational efficiency

- · · · · ·

Large inside volume

■ Excellent rigidity – safe stacking

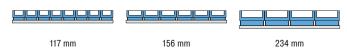
Broad range of accessories

Supplied with 1 label card per container

■ Colour: dove blue







(Number of bins x-mm wide fitting on a 1000 mm long shelf)

Width	Height	Length	Volume	Load ca- pacity	Stacking load	Inside dimensions L x W x H	Container type	Pcs/ pack	Ref. no.
mm	mm	mm	Litres	kg	kg	mm			
117	80	400	2.5	3	9	360 x 95 x 70	RK4108	16	3-19146
	90	300	2.0	2	6	260 x 94 x 80	RK3109	16	3-1433
	90	400	2.7	3	9	360 x 94 x 80	RK4109	16	3-1436
	90	500	3.5	4	12	460 x 94 x 80	RK5109	16	3-1439
	90	600	4.0	5	15	560 x 94 x 80	RK6109	16	3-1442
156	90	300	2.7	3	7	258 x 136 x 80	RK31509	12	3-22677
	90	400	3.8	4	8	358 x 136 x 80	RK41509	12	3-22678
	90	500	4.9	5	15	456 x 133 x 80	RK51509	12	3-22693
	90	600	6.0	6	18	556 x 133 x 80	RK61509	12	3-22695
234	80	400	5.3	6	20	356 x 214 x 70	RK4208	8	3-19145
	90	300	4.4	5	15	256 x 211 x 80	RK3209	8	3-1434
	90	400	6.0	6	20	356 x 211 x 80	RK4209	8	3-1437
	90	500	7.8	8	25	456 x 211 x 80	RK5209	8	3-1440
	90	600	9.4	10	30	556 x 211 x 80	RK6209	8	3-1443
	140	300	7.1	7	20	253 x 210 x 129	RK3214	6	3-1435
	140	400	9.9	10	30	353 x 210 x 129	RK4214	6	3-1438
	140	500	12.0	13	40	453 x 210 x 129	RK5214	6	3-1441
	140	600	15.0	15	45	553 x 210 x 129	RK6214	6	3-1444

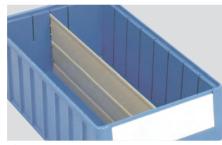


# Storage and handling bins RK

## **Accessories**



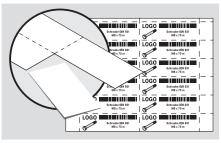




**B** Longitudinal dividers



Carry/safety handle



Labels







Dust covers



# Storage and handling bins



Pos.	Description		Accepts bin type	Container type	Pcs/ pack	Ref. no.
A	Cross dividers	from transparent material, label area adapted to size of computer	RK*108	QT108	10	3-19148
	0.000 0000	printable labels, adjustable on a 44 mm pitch, dividers safely slot	RK*109	QT109	10	3-1588
		into dovetail grooves, radiused base for ease of component retrieval,	RK*208	QT208	10	3-19147
		even of very small items, supplied with label cards	RK*209	QT209	10	3-1590
			RK*214	QT214	10	3-1591
			RK*1509	QT1509	10	3-22676
B	Longitudinal dividers	solid longitudinal sheet divider, with grey beige coating, subdivide	RK3209	LT3209	10	3-1077
		bins front-to-back into two or three compartments	RK3214	LT3214	10	3-1078
			RK4208	LT4208	10	3-19066
			RK4209	LT4209	10	3-1079
			RK4214	LT4214	10	3-1080
			RK5209	LT5209	10	3-1081
			RK5214	LT5214	10	3-1082
			RK6209	LT6209	10	3-1083
			RK6214	LT6214	10	3-1084
			RK51509	LT51509	10	3-29370
			RK61509	LT61509	10	3-29372
C	Carry/safety handle	spring-mounted safety and carry handle, can be retro-fitted at any	RK*109	TSB1	10	3-1514
G		time, allows bins to be tilted forward and prevents them from falling;	RK*209, 214	TSB2	10	3-1515
		more convenient bin carrying, prevent bins from being pulled out of the shelving by accident, lowers automatically when bin is pushed into shelving or when weight is applied during stacking	RK*1509, CTB*1514	TSB3	10	3-31314
D	Labels	pre-perforated blank label sheets, ready for direct printing, suited	QT108, QT109	46-20766	675	46-20766
		for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack, colour white	QT1509, QT208, QT209, QT214	46-20775	400	46-20775
			RK*108	46-20767	450	46-20767
			RK*109	46-20768	375	46-20768
			RK*208	46-20770	225	46-20770
			RK*209	46-20771	175	46-20771
			RK*214	46-20772	100	46-20772
			RK*1509	46-20769	250	46-20769
B	Label covers	made from transparent material, protect large-size labels from	RK*108	SF108	50	3-19140
		soiling and damage	RK*109	SF109	50	3-1062
			RK*208	SF208	50	3-19142
			RK*209	SF209	50	3-1067
			RK*214	SF214	50	3-1068
			RK*1509	SF1509	50	3-22681
G	Dust covers	from plexiglass, with hand hole	RK3109	SD31	10	3-1126
			RK3209, RK3214	SD32	10	3-1127
			RK4109	SD41	10	3-1128
			RK4208, RK4209, RK4214	SD42	10	3-1129
			RK5109	SD51	10	3-1130
			RK5209, RK5214	SD52	10	3-1131
			RK6109	SD61	10	3-1132
			RK6209, RK6214	SD62	10	3-1133
			RK31509	SD315	10	3-30200
			RK41509	SD415	10	3-30201
			RK51509	SD515	10	3-30202
			RK61509	SD615	10	3-30203





## Storage and handling bins

## **Boltless shelving complete with RK bins**

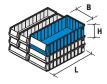
galvanised finish

Neat product presentation in office and workshop environments

■ Shelf load: 50 kg■ Bay load: 500 kg

■ Supplied with storage and handling bins RK

**■** Bin colour: dove blue



Storage and handling bins RK



Storage and handling bins RK on page 35



### With 64 storage and handling bins RK (3 sizes)

		Shelving type	Starter bay	Extension bay
Number of shelves	Features	Dimensions H x L x D	Ref. no.	Ref. no.
		mm		
12	32 x RK3109 (300 x 117 x 90 mm) 16 x RK3209 (300 x 234 x 90 mm) 16 x RK3214 (300 x 234 x 140 mm)	1850 x 1000 x 324	10-12707	10-12708
	32 x RK4109 (400 x 117 x 90 mm) 16 x RK4209 (400 x 234 x 90 mm) 16 x RK4214 (400 x 234 x 140 mm)	1850 x 1000 x 424	10-13561	10-13562
	32 x RK5109 (500 x 117 x 90 mm) 16 x RK5209 (500 x 234 x 90 mm) 16 x RK5214 (500 x 234 x 140 mm)	1850 x 1000 x 524	10-13563	10-13564



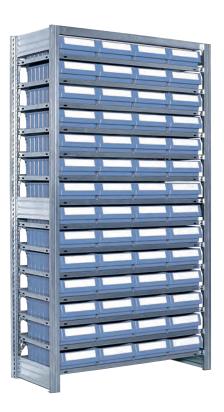
### With 40 storage and handling bins RK

		Shelving type	Starter bay	Extension bay
Number of shelves	Features	Dimensions H x L x D	Ref. no.	Ref. no.
10	40 x RK3214 (300 x 234 x 140 mm)	1850 x 1000 x 324	10-12683	10-12684
	40 x RK4214 (400 x 234 x 140 mm)	1850 x 1000 x 424	10-12685	10-12686
	40 x RK5214 (500 x 234 x 140 mm)	1850 x 1000 x 524	10-12687	10-12688
	40 x RK6214 (600 x 234 x 140 mm)	1850 x 1000 x 624	10-12689	10-12690

# BITO

### With 56 storage and handling bins RK

		Shelving type	Starter bay	Extension bay
Number of shelves	Features	Dimensions H x L x D	Ref. no.	Ref. no.
		mm		
14	56 x RK3209 (300 x 234 x 90 mm)	1850 x 1000 x 324	10-12691	10-12692
	56 x RK4209 (400 x 234 x 90 mm)	1850 x 1000 x 424	10-12693	10-12694
	56 x RK5209 (500 x 234 x 90 mm)	1850 x 1000 x 524	10-12695	10-12696
	56 x RK6209 (600 x 234 x 90 mm)	1850 x 1000 x 624	10-12697	10-12698



### With 112 storage and handling bins RK

		Shelving type	Starter bay	Extension bay
Number of shelves	Features	Dimensions H x L x D	Ref. no.	Ref. no.
14	112 x RK3109 (300 x 117 x 90 mm)	1850 x 1000 x 324	10-12600	10-12700
17	112 x RK4109 (400 x 117 x 90 mm)	1850 x 1000 x 424		10-12702
	112 x RK5109 (500 x 117 x 90 mm)	1850 x 1000 x 524	10-12703	10-12704
	112 x RK6109 (600 x 117 x 90 mm)	1850 x 1000 x 624	10-12705	10-12706





## **Tilt-open container modules**

Dustproof storage = clean products and easy inventory control

- Scratch-resistant and extremely durable
- Bins can be tilted forward from housing and can also be removed for easy filling
- Modules can be stacked or fixed to a louvered panel
- Solid design for a long service life
- Supplied with label cards



### **Tilt-open container modules**

Outside dimensions W x H x D



Klaka Set 4 Klaka Set 3

Klaka Set 2 Number of bins Features Ref. no. Ref. no. 7-14882 7-22607 7-14880 7-22608 7-14878 7-22609 7-14876 7-22610

### 600 x 77 x 62 9 Klaka Set 9 600 x 113 x 91 6 Klaka Set 6 600 x 164 x 133 5 Klaka Set 5 600 x 207 x 168 4 Klaka Set 4 600 x 240 x 197 3 Klaka Set 3 7-14874 7-22611 600 x 353 x 299 2 Klaka Set 2 7-14872 7-22612



### Individual containers for tilt-open container modules

Outside dimen- sions W x H x D	Number of bins	Features	Colour	Ref. no.
mm				
60 x 66 x 56	20	for Klaka Set 9	water clear	7-14883
93 x 100 x 84	20	for Klaka Set 6	water clear	7-14881
113 x 152 x 129	18	for Klaka Set 5	water clear	7-14879
142 x 190 x 165	8	for Klaka Set 4	water clear	7-14877
192 x 220 x 190	3	for Klaka Set 3	water clear	7-14875
288 x 338 x 285	2	for Klaka Set 2	water clear	7-14873



### **Custom-assembled tilt-open container modules**



7-14856



7-14855



7-14858





Outside dimen- sions W x H x D	Features	Colour	Ref. no.
mm			
602 x 410 x 108	3 x Klaka Set 6	beige	7-14856
	2 x Klaka Set 9 2 x Klaka Set 6	beige	7-14855
605 x 671 x 171	2 x Klaka Set 9 1 x Klaka Set 6 1 x Klaka Set 5 1 x Klaka Set 4	beige	7-14858
605 x 955 x 171	2 x Klaka Set 9 2 x Klaka Set 6 2 x Klaka Set 5 1 x Klaka Set 4	beige	7-14859

i

For standard applications, we offer four modules complete with various size tilt-open containers. The modules are supplied fully assembled and cartonpacked (mounted on a wood laminate board with white coating).

### Stand alone tilt-open container cabinets

Sturdy wall mounted cabinets with ready-fixed Klaka kits

- Housing in silver grey or in blue
- Designed to accommodate 4 bin sizes to maximise use of space



### Wall mounted tilt-open container cabinets

Outside dimensions W x H x D	Number of bins	Features	Ref. no.	Ref. no.	
mm					
665 x 910 x 250	16	4 x Klaka Set 4	7-14868	7-14869	
	33	3 x Klaka Set 6 3 x Klaka Set 5	7-14864	7-14865	
	42	7 x Klaka Set 6	7-14866	7-14867	
	69	5 x Klaka Set 9 4 x Klaka Set 6	7-14870	7-14871	



### Stand alone tilt-open container cabinets

Outside dimensions W x H x D	Number of bins	Features	Ref. no.	Ref. no.
mm				
665 x 2000 x 250	61	4 x Klaka Set 6 5 x Klaka Set 5 3 x Klaka Set 4	7-14862	7-14863
1270 x 2000 x 250	154	16 x Klaka Set 6 10 x Klaka Set 5 2 x Klaka Set 4	7-14860	7-14861







## **Modular stacking containers EMB**

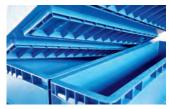
## Compatibly sized to stack and interstack

EMB Stacking containers have been designed to support the Kanban principle in manufacturing and assembly environments and are also great for safely transporting items to other in-house workstations or to other companies in the supply chain of contract manufacturing business models. With a length of 600 mm, EMB containers are perfect for use in shelving with inclined shelves and on flow shelves of carton live storage installations.

Particular attention has been given to the "base geometry" featuring a pattern of stacking ribs that allows container stacking regardless of size. Even if a stack has been started with narrow-width containers, it is still possible to place broad-base containers on top without the need for de-stacking the existing pile and re-stacking it in the order of size.

Stacking rigidity is excellent and when moved, a container stack remains a stable unit. Unlike many other Kanban bins that often enough do not fit European size pallets, BITO EMB stacking containers make efficient use of the Euro pallet footprint.





Modular stacking base Allows mixed-size stacking. It is also possible to stack larger containers on top of smaller containers.



Same height principle Container heights are coordinated so that a stack of two low-height containers has exactly the height of the largest container.



**100% volume utilisation**Integrated pocket handles on short sides, hence all container sides are closed.



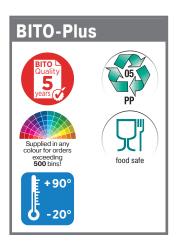
# Modular stacking containers EMB



## **Modular stacking containers EMB**

Compatibly sized to stack and interstack

- **■** Excellent rigidity safe stacking
- Large volume
- Smooth inside surfaces allow easy cleaning
- Ergonomically designed grips, comfortable to use when container is loaded





Outside dimensions L x W	Height	Inside dimensions L x W x H	Useable height	Volume	Load capacity	Stacking load	Container type	Colour	Ref. no.
mm	mm	mm	mm	Litres	kg	kg			
600 x 132	142,5	569 x 101 x 125	108	7.2	20	150	EMB611	blue	57-31563
600 x 266	142,5	569 x 227 x 125	108	16.2	20	150	EMB621	blue	57-31564
600 x 400	142,5	569 x 368 x 125	108	26.2	25	150	EMB641	blue	57-31565
600 x 400	270,0	566 x 368 x 253	186	52.7	30	300	EMB642	blue	57-31566

### **Accessories**







B Covers for palletised containers



Slot-in divider strips



Transport dolly

Pos.	Description					
A	Document pockets	ideal for frequent exchange of inserts, adhesive fabric backing provides strong adhesion, colour transparent	10	6-5031		
В	Covers for palletised containers	cover palletised bins and containers	1	9-18421		
G	Slot-in divider strips	from black PP-RE, flexi dividers are supplied in standard lengths, can be cut to required length with		43-18420		
		a saw for wood or metals (additional charge for ready cut lengths)	10	7-15509		
			10	43-18417		
			10	43-18419		
			10	43-18418		
D	Transport dolly	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm	1	43-1491		
		or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide		43-21883		



## **European size stacking containers XL**

## Our most versatile container sets standards!

European size stacking containers XL are supplied in a large choice of variations, are very versatile and have an extra large volume.

Ergonomically designed open hand grips are ideal for manual handling. In addition, a wide range of useful accessories make









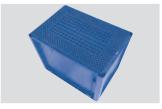
### **Base options**



**Standard base**The standard base will be your choice for loads of up to 30 kg.



Ribbed base
Ribbed base containers are perfect for loads of up to 50 kg. Base deflection is very low.



Ribbed base RX
Containers with a ribbed RX base carry up to 50 kg. Base deflection is very low. Diagonal outer base ribbing ensures excellent use on conveyors.



**Double base**Double base containers take loads of up to 50 kg and only have a minimum base deflection.

### Lid options



Snap locked lid Suited for stacking containers XLD21121, ideal for shipping spare parts etc. Additional security tagging with KLTP tags possible.



**Drop-on lid AD**Closes an individual container or a container stack and is suited for automated lidding and strap-sealing.



**Drop-on lid ASDV**One-piece lid, hinged on one side and closed with 2 snap-on fixtures on the other side.



Hinged lid Two-part lid suited for strap-sealing and security-tagging with KLTP security seals, excellent for distribution and transportation applications.

### **Options**



Softtouch grips
Maximum convenience for manual
handling. Available for stacking
containers XL4317, XL4322,
XL4327, XL6417, XL6422 and
XL6427. Minimum order quantity 100
pcs per type. Please ask for a quote.



Water drainage holes Supplied with drainage holes (compliant with fire protection directive VdS BG 4.3) upon request.



**Company logos** 

Company logos and messages can be applied by injection moulding, screen printing, pad printing or hot foil stamping – please ask!



**ESD** version

Bins and containers marked with the ESD symbol are made from dissipative material to protect electronic parts and components from damage caused by sudden electrostatic discharge. Please ask.

Our all-rounder for a broad range of applications

- Large volume
- Ergonomically designed open hand grips (except for 120 mm high bins in base dimensions of 200 x 150 mm, 300 x 200 mm, 400 x 300 mm and 600 x 400 mm)
- Several lid options



### i BITO info

EUROPEAN SIZE STACKING CONTAINERS

400 x 300 mm containers are also suited for automated small parts storage (BITO type AKL).
Base deflection does not exceed 5 mm. Please note that this requires a bin load of not more than 25 kg. All load capacities comply with EN 13117 specifications.



600 x 400 mm

800 x 600 mm

400 x 300 mm

2

200 x 150 mm

Accessories to match from page 52

300 x 200 mm

### **Standard version**

Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load ca- pacity	Stacking load	Container type	Ref. no.	Ref. no.	Ref. no.
mm	mm	mm	Litres	kg	kg				
200 x 150	120	168 x 118 x 117	1,9	10		XL21121	43-18533	43-15306	43-15305
300 x 200	120	268 x 168 x 117	3,5	15		XL32121	43-18532	43-15239	43-15238
	170	268 x 168 x 167	6,0	15		XL32171	43-30388	43-30389	
	220	268 x 168 x 217	8,0	15		XL32221	43-30390	43-30391	
400 x 300	120	368 x 268 x 117	9,8	30	250	XL43121	43-18510	43-15308	43-15307
	170	368 x 268 x 167	15,0	30	250	XL43171	43-18514	43-14506	
	220	368 x 268 x 217	19,0	30	250	XL43221	43-18520	43-14507	
	270	368 x 268 x 267	24,0	30	250	XL43271	43-18526	43-14508	
600 x 400	120	568 x 368 x 116	21,0	15	300	XL64121	43-18476		
	170	568 x 368 x 166	31,0	15	300	XL64171	43-18480	43-14509	
	220	568 x 368 x 216	41,0	15	300	XL64221	43-18486	43-14510	
	270	568 x 368 x 266	51,0	15	300	XL64271	43-18492	43-14511	
	320	568 x 368 x 316	62,0	20	300	XL64321	43-18498	43-14512	
	420	568 x 368 x 416	82,0	20	300	XL64421	43-18504	43-14513	
800 x 600	120	762 x 562 x 115	43,0	60	800	XL86121	43-22586		
	220	762 x 562 x 215	86,0	60	800	XL86221	43-22594		
	320	762 x 562 x 315	128,0	60	800	XL86321	43-20259		
	420	762 x 562 x 415	170,0	60	800	XL86421	43-22555		
	520	762 x 562 x 515	213,0	60	800	XL86521	43-22570		





### With hinged two-part lid

Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.	Ref. no.
mm	mm	mm	Litres	kg	kg			
300 x 200	138	268 x 168 x 117	3,7	15		XLD32121	43-18583	43-30431
	188	268 x 168 x 167	6,0	15		XLD32171	43-30403	43-30404
	238	268 x 168 x 217	8,3	15		XLD32221	43-30405	43-30406
400 x 300	138	368 x 268 x 117	10,0	30	250	XLD43121	43-18512	43-19879
	188	368 x 268 x 167	15,0	30	250	XLD43171	43-18517	43-14514
	238	368 x 268 x 217	20,0	30	250	XLD43221	43-18523	43-14515
	288	368 x 268 x 267	25,0	30	250	XLD43271	43-18529	43-14516
600 x 400	138	568 x 368 x 116	22,0	15	300	XLD64121	43-18478	
	188	568 x 368 x 166	32,0	15	300	XLD64171	43-18483	43-14517
	238	568 x 368 x 216	43,0	15	300	XLD64221	43-18489	43-14518
	288	568 x 368 x 266	53,0	15	300	XLD64271	43-18495	43-14519
	338	568 x 368 x 316	63,0	20	300	XLD64321	43-18501	43-14520
	438	568 x 368 x 416	84,0	20	300	XLD64421	43-18507	43-14521
800 x 600	138	762 x 562 x 115	43,0	60	800	XLD86121	43-22589	
-	238	762 x 562 x 215	86,0	60	800	XLD86221	43-22599	
	338	762 x 562 x 315	128,0	60	800	XLD86321	43-20264	
	438	762 x 562 x 415	170,0	60	800	XLD86421	43-22561	
	538	762 x 562 x 515	213,0	60	800	XLD86521	43-22577	



### Hinged on one side and closed with 2 snap-on fixtures on the other side

Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.	Ref. no.
mm	mm	mm	Litres	kg	kg			
200 x 150	138	168 x 118 x 117	1,6	10		XLD21121	43-14294	
300 x 200	188	268 x 168 x 167	6,0	15		XL32171ASDV	43-30411	43-30412
	238	268 x 168 x 217	8,3	15		XL32221ASDV	43-30413	43-30414
400 x 300	138	368 x 268 x 117	9,7	30	250	XL43121ASDV	43-22258	43-22267
	188	368 x 268 x 167	14,0	30	250	XL43171ASDV	43-22259	43-22268
	238	368 x 268 x 217	19,0	30	250	XL43221ASDV	43-22260	43-22269
	288	368 x 268 x 267	24,0	30	250	XL43271ASDV	43-22261	43-22270
600 x 400	138	568 x 368 x 116	20,0	15	300	XL64121ASDV	43-22252	
	188	568 x 368 x 166	31,0	15	300	XL64171ASDV	43-22253	43-22262
	238	568 x 368 x 216	41,0	15	300	XL64221ASDV	43-22254	43-22263
	288	568 x 368 x 266	51,0	15	300	XL64271ASDV	43-22255	43-22264
	338	568 x 368 x 316	61,0	20	300	XL64321ASDV	43-22256	43-22265
	438	568 x 368 x 416	82.0	20	300	XI 64421ASDV	43-22257	43-22266



## European size stacking containers XL with perforated base and sides

Light-weight and robust – with perforated sides to ensure optimum air flow

- Perforated base and sides
- Large volume
- Base ribbing prevents that goods are in direct contact to floor
- Ergonomically designed open hand grips (except for 120 mm high bins in base dimensions of 200 x 150 mm, 300 x 200 mm, 400 x 300 mm and 600 x 400 mm)
- Colour: blue





**BITO-Plus** 







400 x 300 mm

600 x 400 mm





### With perforated base and perforated sides

Outside dimensions L x W	Height	Description	Inside dimensions L x W x H	Volume	Load capac- ity	Stacking load	Container type	Ref. no.
mm	mm		mm	Litres	kg	kg		
400 x 300	120	with perforated base and solid sides	368 x 268 x 102	8.3	35	250	XL43123	43-18511
	170	with perforated base and perforated sides	368 x 268 x 152	13	35	250	XL43173	43-18515
	220	with perforated base and perforated sides	368 x 268 x 202	18	35	250	XL43223	43-18521
	270	with perforated base and perforated sides	368 x 268 x 252	23	35	250	XL43273	43-18527
600 x 400	120	with perforated base and solid sides	568 x 368 x 102	18	35	300	XL64123	43-18477
	170	with perforated base and perforated sides	568 x 368 x 152	28	35	300	XL64173	43-18481
	220	with perforated base and perforated sides	568 x 368 x 202	38	35	300	XL64223	43-18487
	270	with perforated base and perforated sides	568 x 368 x 252	49	35	300	XL64273	43-18493
	320	with perforated base and perforated sides	568 x 368 x 302	59	35	300	XL64323	43-18499
	420	with perforated base and perforated sides	568 x 368 x 402	79	35	300	XL64423	43-18505



### With hinged two-part lid

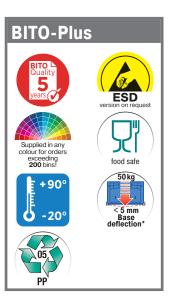
Outside dimensions L x W	Height	Description	Inside dimensions L x W x H	Volume	Load capac- ity	Stacking load	Container type	Ref. no.
mm	mm		mm	Litres	kg	kg		
400 x 300	188	with perforated base and perforated sides	368 x 268 x 152	14	35	250	XLD43173	43-18518
	238	with perforated base and perforated sides	368 x 268 x 202	19	35	250	XLD43223	43-18524
	288	with perforated base and perforated sides	368 x 268 x 252	23	35	250	XLD43273	43-18530
600 x 400	188	with perforated base and perforated sides	568 x 368 x 152	29	35	300	XLD64173	43-18484
	238	with perforated base and perforated sides	568 x 368 x 202	40	35	300	XLD64223	43-18490
	288	with perforated base and perforated sides	568 x 368 x 252	50	35	300	XLD64273	43-18496
	338	with perforated base and perforated sides	568 x 368 x 302	60	35	300	XLD64323	43-18502
	438	with perforated base and perforated sides	568 x 368 x 402	81	35	300	XLD64423	43-18508



### **European size stacking containers XL with ribbed base RX**

Reinforced corners and base ribbing provide strength and high stability – ideal for automated bin storage

- Outer base ribbing for quiet travel on conveyors
- Large volume
- Ergonomically designed open hand grips (except for 120 mm high bins in base dimensions of 200 x 150 mm, 300 x 200 mm, 400 x 300 mm and 600 x 400 mm)
- Open hand grips are optionally available with soft touch cushioning
- Ideal for use in automated bin storage
- Optionally available with drainage holes in the base
- Colour: blue



### i BITO info

\*All values assume an ambient temperature of 23°C, long side-on container handling and uniformly distributed loads.

Also suited for automated small parts storage.

Outer diagonal base ribbing ensures quiet travel on conveyors.



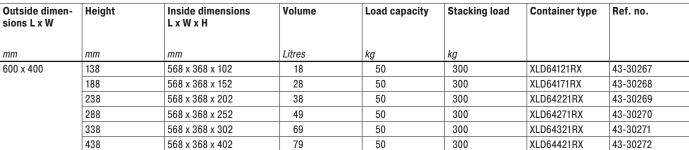
Accessories to match from page 52





Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
600 x 400	120	568 x 368 x 102	18	50	300	XL64121RX	43-30204
	170	568 x 368 x 152	28	50	300	XL64171RX	43-30205
	220	568 x 368 x 202	38	50	300	XL64221RX	43-30206
	270	568 x 368 x 252	49	50	300	XL64271RX	43-30207
	320	568 x 368 x 302	69	50	300	XL64321RX	43-30208
	420	568 x 368 x 402	79	50	300	XI 64421BX	43-22584

### With hinged two-part lid





reddot



## **European size stacking containers XL with double base**

Ideal for handling heavy weight loads - ideal for automated storage

- Extremely quiet travel on all types of conveyors
- Flat outer base avoids accumulation of dirt
- Large volume
- Ergonomically designed open hand grips (except for 120 mm high bins in base dimensions of 200 x 150 mm, 300 x 200 mm, 400 x 300 mm and 600 x 400 mm)
- Open hand grips are optionally available with soft touch cushioning
- All containers can be subdivided to suit individual requirements
- Ideal for use in automated bin storage
- Optionally available with drainage holes in the base
- Colour: blue





600 x 400 mm

800 x 600 mm











### **BITO** info

Load capacity in automated small parts storage, BITO type "AKL": base deflection < 5 mm.

Load capacity in compliance with EN13117: max. base deflection 3% measured along diagonal base line

\*All values assume an ambient temperature of 23°C, long side-on container handling and uniformly distributed loads.



Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity AKL	Load capacity EN13117	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg	kg		
600 x 400	120	568 x 368 x 102	19	50	100	300	XL64121D	43-19029
	170	568 x 368 x 152	29	50	100	300	XL64171D	43-19030
	220	568 x 368 x 202	40	50	100	300	XL64221D	43-19031
	270	568 x 368 x 252	50	50	100	300	XL64271D	43-19032
	320	568 x 368 x 302	60	50	100	300	XL64321D	43-18707
	420	568 x 368 x 402	81	50	100	300	XL64421D	43-19033
800 x 600	120	762 x 562 x 101	36	80	200	800	XL86121D	43-22588
	220	762 x 562 x 201	79	80	200	800	XL86221D	43-22597
	320	762 x 562 x 301	121	80	200	800	XL86321D	43-20261
	420	762 x 562 x 401	164	80	200	800	XL86421D	43-22559
	520	762 x 562 x 501	206	80	200	800	XL86521D	43-22574

### With hinged two-part lid

Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity AKL	Load capacity EN13117	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg	kg		
600 x 400	138	568 x 368 x 102	19	50	100	300	XLD64121D	43-14300
	188	568 x 368 x 152	29	50	100	300	XLD64171D	43-14302
	238	568 x 368 x 202	40	50	100	300	XLD64221D	43-14304
	288	568 x 368 x 252	50	50	100	300	XLD64271D	43-14306
	338	568 x 368 x 302	60	50	100	300	XLD64321D	43-14308
	438	568 x 368 x 402	81	50	100	300	XLD64421D	43-14310
800 x 600	138	762 x 562 x 101	36	80	200	800	XLD86121D	43-22591
	238	762 x 562 x 201	79	80	200	800	XLD86221D	43-22602
	338	762 x 562 x 301	121	80	200	800	XLD86321D	43-20265
	438	762 x 562 x 401	164	80	200	800	XLD86421D	43-22565
	538	762 x 562 x 501	206	80	200	800	XLD86521D	43-22581

### **Insert dividers**



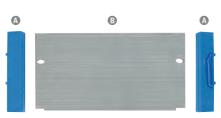
Easy to assemble in three steps

- Allow to subdivide containers as required
- Can be removed at any time
- Every divider (10 mm thick) is supplied with 2 side caps
- Insert dividers can be screw-fixed or riveted
- Height options: 80, 130, 180, 230 mm, other heights upon request
- Prices and delivery periods upon request









A: Side caps B: Twin wall divider, 10 mm thick

### i BITO info

Easy to assemble in three steps:

### Step 1

The side caps have small nubs on the outside that perfectly fit into the drill holes in the container side. Containers can be supplied with drill holes, however it is also possible to drill holes later on.

### Step 2

First plug in one side of the divider into the container drill holes.

### Step 3

Then fix the other side of the divider to the container.

Spreading elements inside the divider caps ensure a firm fit and prevent loss.

## **Slot-in divider strips**



Subdivide containers to suit product requirements!

- From black PP-RE
- Flexi dividers are supplied in standard lengths
- Can be cut to required length with a saw for wood or metals (additional charge for ready cut lengths)

# For European size stacking containers BN/XL and small parts containers KLT



Length	Height	Material thick- ness	Container type	Pcs/ pack	Ref. no.
mm	mm	mm			
950	55	10	SSU55/11	10	43-18419
	120	10	SSU120/11	10	43-18420
1150	50	5	SSU50/5	10	43-18417
	80	5	SSU80/5	10	43-18418
	180	5	SSU180/5	10	7-15509



## **Insertable bins**

### type EK

Make maximum use of space and stock several references in the same bin!

- For easy subdivision and full use of space
- Optimised grip solution for easy positioning and removal
- **■** Further subdivision, stackable





### Type EK, for European size stacking containers XL

		To suit contain- ers sized L x W	Format	Overall dim. L x W x H	Volume	Container type	Colour	Pcs/ pack	Ref. no.
		mm		mm	Litres				
1/2 crosswise	1/4	400 x 300	1/4	178 x 129 x 90	1.7	EK17129XL	black	32	43-20001
FK25179XL	1/4 EK17129XL		1/2 crosswise	258 x 178 x 90	3.5	EK25179XL	black	16	43-20005
	1/2 crosswise	600 x 400	1/8	178 x 139 x 90	1.8	EK17139XL	black	32	43-19999
1/8 EK17139XL 1/8 EK17139XL	EK35279XL		1/4	277 x 178 x 90	3.7	EK27179XL	black	16	43-20003
1/8 EK17 1/8 EK17			1/2 crosswise	358 x 277 x 90	7.6	EK35279XL	black	8	43-20007
1/4 EK27179XL 1/2 lengthwise EK55179XL			1/2 lengthwise	557 x 178 x 90	7.6	EK55179XL	black	8	43-19998

### **Accessories**







A Cross dividers

**B** Longitudinal dividers

Dust covers

Pos.	Description		Accepts bin type	Container type	Pcs/ pack	Ref. no.
A	Cross dividers	allow further subdivision of insertable bins	EK17129KLT, EK17129XL, EK17139XL, EK25179XL, EK26179KLT, EK27179XL, EK53179KLT, EK55179XL	QT179	10	9-16502
			EK35279XL	QT279	10	9-16755
В	Longitudinal dividers		EK25169KLT, EK25179XL	LT2519	10	9-16772
			EK27179XL	LT2719	10	43-16774
			EK35269KLT, EK35279XL	LT3529	10	9-16775
			EK55179XL	LT5519	10	43-16777
3	Dust covers	reliable protection against	EK17129KLT, EK17129XL	SD1712	10	9-16870
		soiling, containers remain	EK17139XL	SD1713	10	43-16871
		fully stackable	EK25179XL	SD2517	10	43-16880
			EK17139XL	SD2717	10	43-16878
			EK35279XL	SD3527	10	43-16876
			EK55179XL	SD5517	10	43-16874



### **Insertable bins**

### type EEK

Make maximum use of space and stock several references in the same bin!

- For easy subdivision and full use of space
- With inward pointing integral ledges for convenient handling





Type EEK, for European size stacking containers XL

1/4 EEK2717: EEK2711:	1/2 crosswise EEK35213XL
1/2 length EEK55178	

To suit contain- ers sized L x W	Format	Overall dim. L x W x H	Volume	Container type	Colour	Pcs/ pack	Ref. no.
mm		mm	Litres				
600 x 400	1/8	178 x 138 x 85	1.7	EEK17138XL	black	32	43-31322
	1/8	179 x 138 x 133	2.8	EEK17113XL	black	16	43-22687
	1/4	279 x 179 x 85	3.6	EEK27178XL	black	16	43-22540
	1/4	277 x 178 x 133	6.0	EEK27113XL	black	8	43-22686
	1/2 crosswise	358 x 277 x 85	7.4	EEK35278XL	black	8	43-31324
	1/2 crosswise	358 x 277 x 133	11.0	EEK35213XL	black	4	43-22685
	1/2 lengthwise	558 x 179 x 85	7.4	EEK55178XL	black	8	43-22537
	1/2 lengthwise	557 x 178 x 133	11.7	EEK55113XL	black	4	43-31325

### **Product special: workpiece holders**

Everything within easy reach!

- For order quantities from 500 pcs your tool inlays can also be made from polystyrene (PS)
- Our versatile tool system keeps tool costs low
- Material thickness between 2 and 5 mm, tool heights of up to 120 mm depending on material thickness
- Prices and delivery periods according to prior agreement
- Designed to fit your tool
- Various colours and dissipative ESD versions can be supplied



For XL containers sized 400 x 300 mm and 600 x 400 mm

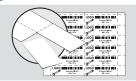


For KLT containers sized 400 x 300 mm and 600 x 400 mm



### **Accessories**





Labels



Covers for palletised containers



B Drop-on lid



E Label covers



Add-on fork entry shoes



C Security seals



G Transport dolly



**K** Grip closures



Security seals



H Transport dolly



Bag holder

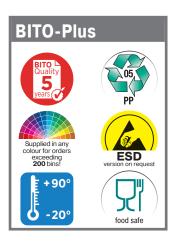
Pos.	Descriptio	n	Colour	<b>Dimensions</b>	Container type	Pcs/ pack	Ref. no.
Λ	Drop-on	will cover container stacks, can also be used to close individual containers,	blue	L 300 x W 200	AD32XL	1	43-30392
W	lids	suited for automated lidding and strap-sealing	red	L 300 x W 200	AD32XL	1	43-30393
			blue	L 400 x W 300	AD43	1	43-20303
			red	L 400 x W 300	AD43	1	43-20498
			blue	L 600 x W 400	AD64	1	43-20301
			red	L 600 x W 400	AD64	1	43-20494
			grey	L 200 x W 150	AD21	1	43-30209
В	Drop-on lid	will cover container stacks, can also be used to close individual containers	grey	L 800 x W 600	SLS86-46	1	52-30500
G	Security seals	tear-off security seals, suited for all XL and KLT containers except for containers sized 800 x 600 mm, colour: red	red		KLTP	500	9-16271
D		single use security seals, suited for all MB and XL containers sized 800 x 600 mm at the base, tamper evident seals to inhibit theft, 2 security tags required per container, colour: red, messages and customised colours upon request	red		MBP2	500	6-15705
<b>B</b>	Labels	pre-perforated blank label sheets, ready for direct printing, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack, colour white	white	W 210 x H 74	46-20778	100	46-20778
G	Label covers	label holder (PVC) with bent lip allows easy label insertion from the top, suited for all XL and KLT containers	water clear	W 209 x H 67	KLT-ET1	10	9-20053
		label holder (PVC) with bent lip allows easy label insertion from the top, suited for all KLT containers with a minimum height of 170 mm and for XL containers sized 600 x 400 mm and a minimum height of 220 mm	water clear	W 218 x H 80	KLT-ET2	10	9-20054
G	Transport dolly	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced	polypropylene wheels	L 620 x W 420	TR64	1	43-1491
		polyamide	rubber wheels	L 620 x W 420	TR64G	1	43-21883
<b>(1)</b>		supplied with 2 swivel and 2 fixed castors, suited for containers sized 800 x 600 mm, made from polypropylene	for contain- ers sized 800 x 600 mm	L 800 x W 600	RU86.125	1	43-1150
Ð	Covers for palletised containers	cover palletised bins and containers	black	L 1220 x W 820	PAH12.80	1	9-18421
Đ	Add-on fork entry shoes	easy to mount and to remove, can be easily retro-fitted by bolt-on fitting to double base containers, kit includes 2 runners and 10 bolts	grey		43-20273	1	43-20273
K	Grip closures	suited for European size stacking containers XL with a height of up to 270 mm except for containers sized 800 x 600 mm, easy clip-in fixing to close open handgrips	grey		GV-XL270	1	43-31450
		suited for European size stacking containers XL with a height of 320 and 420 mm except for containers sized 800 x 600 mm, easy clip-in fixing to close open handgrips	grey		GV-XL320	1	43-31448
0	Bag holder	clip-on fitting to MB, XL and KLT containers, holds bags open for easy filling, can be retro-fitted, demountable, colour: grey (picture shows customised color)	grey		MB-BR64D	1	6-31553



## **European size stacking containers BN**

The European size classic for heavy loads

- Extremely sturdy containers with European footprint
- Available with solid or with perforated sides
- All containers come with a closed base as standard
- Large volume
- Ergonomically designed open hand grips
- Also available with view and pick opening
- Colour: blue











### With perforated sides

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
400 x 300	153	360 x 260 x 150	14	30	200	BN4312	4-1279
	215	360 x 260 x 211	20	40	200	BN4322	4-1280
	265	360 x 260 x 261	24	50	250	BN43262	4-1281
600 x 400	130	560 x 360 x 126	25	25	400	BN6412	4-1282
	215	560 x 360 x 211	42	30	400	BN6422	4-1283
	315	560 x 360 x 311	62	40	400	BN6432	4-1284
	415	560 x 360 x 411	82	40	400	BN6442	4-1285

### With solid sides

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
300 x 200	153	261 x 161 x 150	6	14		BN321	4-1270
400 x 300	153	360 x 260 x 150	14	30	250	BN4311	4-1271
	215	360 x 260 x 211	20	50	250	BN4321	4-1272
	265	360 x 260 x 261	24	50	250	BN43261	4-1273
600 x 400	78	560 x 360 x 74	15	20	400	BN6407	4-1274
	130	560 x 360 x 126	25	30	500	BN6411	4-1275
	215	560 x 360 x 211	42	40	500	BN6421	4-1276
	315	560 x 360 x 311	62	50	500	BN6431	4-1277
	415	560 x 360 x 411	82	50	500	BN6441	4-1278



### **Accessories**







B Drop-on/clip-on lids



C Hinge clips for lids



Document clips



E Label covers



Label covers



G Transport dolly



Slot-in divider strips



Collars

Pos.	Description		Ma- terial thick- ness	Dimensions	Accepts bin type	Container type	Pcs/ pack	Ref. no.
			mm	mm				
A	Grip closures	from blue PVC; convenient later-on closing of grip handles	-	-	European size stack- ing containers BN	GV3	50	4-18671
B	Drop-on/	reliable protection against soiling, containers	-	L 400 x W 300	-	KD430	1	4-1152
	clip-on lids	remain fully stackable	-	L 600 x W 400	-	KD640	1	4-1153
G	Hinge clips for lids	can be used with drop-on lids, clip-on lids and hinged lids, from white PVC, push-in fitting, 2 hinge clips = lid swings open, 4 hinge clips = lid is closed	-	-	-	DSV	100	4-1144
D	Document clips	from spring steel, clip-on fitting, ideal for volumi- nous shipping documentation	-	L 80 x W 18	-	SH1	50	4-1492
A	Label covers	riveted to container by manufacturer, for 95 mm	-	W 82 x H 24	BD4314, BN6407	ET2	1	4-1071
		and 68 mm wide labels	-	W 110 x H 46	except BD4314, BN6407	ET1	1	4-1072
G		can be retro-fitted, for 95 mm and 68 mm wide	-	W 82 x H 24	BD4314, BN6407	ET6	10	4-9455
		labels	-	W 110 x H 46	except BD4314, BN6407	ET5	10	4-9454
G	Transport	complete with 4 swivel castors, designed	-	L 620 x W 420	-	TR64	1	43-1491
	dolly	for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide	-	L 620 x W 420	-	TR64G	1	43-21883
<b>A</b>	Slot-in divider	from black PP-RE, flexi dividers are supplied in	5	L 1150 x H 50	-	SSU50/5	10	43-18417
	strips	standard lengths, can be cut to required length	5	L 1150 x H 80	-	SSU80/5	10	43-18418
		with a saw for wood or metals (additional charge for ready cut lengths)	5	L 1150 x H 180	-	SSU180/5	10	7-15509
		lor roug out longing	10	L 950 x H 55	-	SSU55/11	10	43-18419
			10	L 950 x H 120	-	SSU120/11	10	43-18420
1	Collars	supplied with 4 fixing clips, increase container height by 68 mm	-	L 600 x W 400 x H 78	-	AR64	1	4-1568



# Containers for automated systems

## **XLmotion containers for automated systems**

## Designed for automated storage & handling

The BITOBOX XLmotion is the no-compromise solution for automated systems, whether for automated bin or tray storage, shuttle-assisted solutions or for conveyor handling.

The new base design features a closed, perfectly flat outer frame around an open ribbed area for enhanced rigidity and almost noiseless travelling on conveyors. Operators will appreciate substantially reduced noise levels!

Optionally available dividers allow front to back or side to side container subdivision. Options range from 2 up to 16 compartments. The dividers safely connect to the container base and are easy to fit and to remove.

The sides are perfectly straight to allow a very good cube utilisation. The base design helps to reduce noise development on conveyors and to minimise investment in steel by allowing narrow-width seat profiles in AS/RS facilities. In view of these advantages, we decided that we should pass up on stacking compatibility with European standard size containers.

On top of this, the sides and corners of BITO XLmotion containers can be further customised. Minimum order quantities apply. Please note that XLmotion totes are compatible with all standard automated handling systems on the market.





## Containers for automated systems



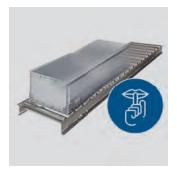
- High capacity container with a volume of 53 litres
- Optional slots to fix dividers
- 3 Optional drainage holes in the base and/or the short sides
- 4 Open or closed grip holes on the short sides
- Closed grips on the long sides
- 6 Ribbing can be adapted to customer AS/RS and conveyor requirements
- New base design keeps travelling noise to an absolute minimum



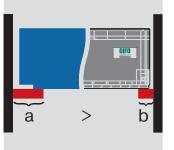
### **Product features**



New base design featuring diagonal support ribbing in the centre and a double-base edge provides high rigidity and low-noise travelling on conveyors.



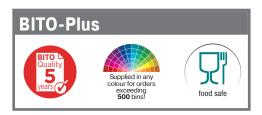
This silent runner substantially reduces noise levels in your warehouse!



A wider base than is usual for European standard size stacking containers (389 mm instead of 363 mm) allows cutting down on the steelwork cost of AS/RS facilities.



All XLmotion containers can be subdivided into 2 up to 16 compartments with inexpensive, slim yet robust dividers. Dividers have a firm fit and can be easily inserted or removed.

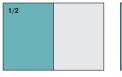




Scan this QR code:

# Product video BITOBOX XLmotion

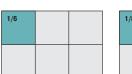
www.bito.com/vid-xlmotionaudio-de

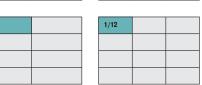


1/4

1/8











Optional dividers for subdivision into 2 up to 16 compartments, dividers have a firm fit and are easy to insert or remove.

Outside dimensions L x W	Height	Inside dimensions L x W x H	Base width	Width of non- ribbed surface	Volume	Load capacity	Stacking load	Ref. no.	Price/pce
mm	mm	mm	mm	mm	Litres	kg	kg		
599 x 399	120	569 x 369 x 102	389	min. 100	25	50	250	55-31534	upon reques
599 x 399	170	569 x 369 x 152	389	min. 100	32	50	250	55-31533	upon reques
599 x 399	220	569 x 369 x 202	389	min. 100	42	50	250	55-31397	upon reques
599 x 399	270	569 x 369 x 252	389	min. 100	53	50	250	55-31377	upon reques
599 x 399	320	569 x 369 x 302	389	min. 100	63	50	250	55-31398	upon request



## **Small parts containers KLT**

## Ideal for automated bin storage

When rigidity is key...

The BITO KLT series meets the requirements of a modern warehouse environment in an ideal way. Featuring a sturdy corner design and three base variations, the container series can also be used for handling heavy loads. Ribbed base and double base KLT containers provide excellent rigidity, making them perfect for use in AS/RS systems.



## Small parts containers



- Opening to place hinge clip
- 2 Drainage holes
- 3 Opening for security seals or cable ties
- 4 Location hole for lifting devices
- 6 Hinged lid
- 6 Ergonomically designed hand grip
- Integral groove for automated pulling
- 8 Optional: location for transponder accommodation
- 9 Location for position control devices
- Area for label holders and document pockets
- Container centering holes
- 12 Ideal surface for belt conveying
- Marking space for messages applied by pad print, hot foil stamping or injection moulding



### Suited for ...



### Use on conveyors

Smooth operation on all conveyor types. Excellent travel characteristics on roller tracks and roller conveyor lanes, on belt and chain conveyors, on transfer conveyors etc.



### Storage/order picking

Ideal for order picking and storage in manually serviced or in automated facilities. Particularly suited for carton live storage and AS/RS systems.



### **Transport**

Perfectly adapted to all common pallet sizes on the market for optimum use of loading space. Very good stacking stability with loads up to 500 kg, regardless of whether containers are stacked with lid or without lid.



### **Manual handling**

Ergonomically designed hand grips for easy lifting and carrying, even if containers are full loaded.

### **Base options**



### Standard base

Maximum base deflection 3% (measured along diagonal base line) for loads of 30 to 50 kg (depending on container size). All values assume uniformly distributed loads, an ambient temperature of 23 °C and long-side on handling in automated storage



### Ribbed base

Maximum base deflection ≤ 1 mm for loads up to 50 kg.

All values assume uniformly distributed loads, an ambient temperature of 23 °C and long-side on handling in automated storage facilities!



### Double base

Maximum base deflection ≤ 1 mm for loads up to 75 kg.

All values assume uniformly distributed loads, an ambient temperature of 23 °C and long-side on handling in automated storage facilities!

### Safe stacking



### Safe stacking

Compatible with all established stacking container and VDA container brands. Excellent stacking safety with and without lid.

## **Small parts containers KLT**

For any application where rigidity is key

- Closed sides without grip opening ensure 100% volume utilisation
- Excellent stacking safety with lid and without lid
- Perfect for use on conveyors, storage and order picking, transport and manual handling
- Ergonomically designed grips, comfortable to use when container is loaded
- Fixtures for labels and document pockets

**ESD** 

food safe

**Colour: turquoise** 

**BITO-Plus** 

-20°







600 x 400 mm

400 x 300 mm

Outside dimen- sions L x W	Height	Inside dimensions	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
400 x 300	120	341 x 268 x 116	8.9	25*	300	KLT43120	9-18464
	170	341 x 268 x 166	13	25*	300	KLT43170	9-18470
	220	341 x 268 x 216	17	50	300	KLT43220	9-16794
	270	341 x 268 x 266	22	50	300	KLT43270	9-16801
600 x 400	120	541 x 368 x 116	19	30	500	KLT64120	9-16096
	170	541 x 368 x 166	29	30	500	KLT64170	9-16805
	220	541 x 368 x 216	39	40	500	KLT64220	9-16273
	270	541 x 368 x 266	48	50	500	KLT64270	9-16809
	320	541 x 368 x 319	58	50	500	KLT64320	9-16813
	420	541 x 368 x 416	78	50	500	KLT64420	9-16817

# Small parts containers







### Hinged on one side and closed with 2 snap-on fixtures on the other side

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
400 x 300	138	341 x 268 x 116	8.90	25	300	KLT43120ASDV	9-22248
	188	341 x 268 x 166	13.50	25	300	KLT43170ASDV	9-22249
	238	341 x 268 x 216	17.80	50	300	KLT43220ASDV	9-22250
	288	341 x 268 x 266	22.20	50	300	KLT43270ASDV	9-22251
600 x 400	138	541 x 368 x 116	19.60	30	500	KLT64120ASDV	9-22243
	188	541 x 368 x 166	29.30	30	500	KLT64170ASDV	9-22244
	238	541 x 368 x 216	39.00	40	500	KLT64220ASDV	9-22245
	288	541 x 368 x 266	48.80	50	500	KLT64270ASDV	9-22242
	338	541 x 368 x 316	58.50	50	500	KLT64320ASDV	9-22246
	438	541 x 368 x 416	78.00	50	500	KLT64420ASDV	9-22247



### With hinged two-part lid

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
400 x 300	138	341 x 268 x 116	8.9	25*	300	KLTD43120	9-18467
	188	341 x 268 x 166	13	25*	300	KLTD43170	9-18473
	238	341 x 268 x 216	17	50	300	KLTD43220	9-16796
	288	341 x 268 x 266	22	50	300	KLTD43270	9-16803
600 x 400	138	541 x 368 x 116	19	30	500	KLTD64120	9-18098
	188	541 x 368 x 166	29	30	500	KLTD64170	9-16807
	238	541 x 368 x 216	39	40	500	KLTD64220	9-16275
	288	541 x 368 x 266	48	50	500	KLTD64270	9-16811
	338	541 x 368 x 316	58	50	500	KLTD64320	9-16815
	438	541 x 368 x 416	78	50	500	KLTD64420	9-16819

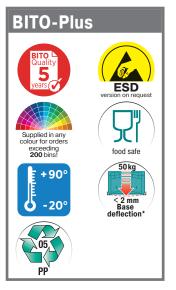


## Small parts containers KLT with ribbed base

Excellent rigidity - ideal for automated storage

- Ribbed base containers can carry 50 kg, sturdy design reduces base deflection to a minimum\*
- **Developed for automated small parts storage**
- Perfect for use on conveyors, storage and order picking, transport and manual handling







400 x 300 mm



600 x 400 mm

\*All values assume an ambient temperature of 23°C, long side-on container handling and uniformly distributed loads.



Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
400 x 300	220	341 x 268 x 200	16	50	300	KLT43220R	9-16795
	270	341 x 268 x 250	20	50	300	KLT43270R	9-16802
600 x 400	120	541 x 368 x 100	16	50	500	KLT64120R	9-18097
	170	541 x 368 x 150	26	50	500	KLT64170R	9-16806
	220	541 x 368 x 200	36	50	500	KLT64220R	9-16274
	270	541 x 368 x 250	45	50	500	KLT64270R	9-16810
	320	541 x 368 x 300	55	50	500	KLT64320R	9-16814
	420	541 x 368 x 400	74	50	500	KLT64420R	9-16818

### With hinged two-part lid

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
400 x 300	238	341 x 268 x 200	16	50	300	KLTD43220R	9-16800
	288	341 x 268 x 250	20	50	300	KLTD43270R	9-16804
600 x 400	138	541 x 368 x 100	16	50	500	KLTD64120R	9-18099
	188	541 x 368 x 150	26	50	500	KLTD64170R	9-16808
	238	541 x 368 x 200	36	50	500	KLTD64220R	9-16276
	288	541 x 368 x 250	45	50	500	KLTD64270R	9-16812
	338	541 x 368 x 300	55	50	500	KLTD64320R	9-16816
	438	541 x 368 x 400	74	50	500	KLTD64420R	9-16820

## Small parts containers



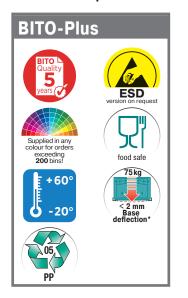
## **Small parts containers KLT with double base**

Developed to meet the high demands of automated small parts storage

Double base containers can carry up to 75 kg, sturdy design reduces base deflection to a minimum\*

 Perfect for use on conveyors, storage and order picking, transport and manual handling

■ Colour: turquoise







600 x 400 mm

400 x 300 mm

i BITO info

\*All values assume an ambient temperature of 23°C, long side-on container handling and uniformly distributed loads.



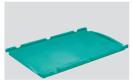
Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
400 x 300	220	341 x 268 x 200	16	75	300	KLT43220D	9-17504
	270	341 x 268 x 250	20	75	300	KLT43270D	9-17506
600 x 400	120	541 x 368 x 100	16	75	500	KLT64120D	9-18100
	170	541 x 368 x 150	26	75	500	KLT64170D	9-17508
	220	541 x 368 x 200	36	75	500	KLT64220D	9-17517
	270	541 x 368 x 250	45	75	500	KLT64270D	9-17510
	320	541 x 368 x 300	55	75	500	KLT64320D	9-17512
	420	541 x 368 x 400	74	75	500	KLT64420D	9-17514

### With hinged two-part lid

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
400 x 300	238	341 x 268 x 200	16	75	300	KLTD43220D	9-17505
	288	341 x 268 x 250	20	75	300	KLTD43270D	9-17507
600 x 400	138	541 x 368 x 100	16	75	500	KLTD64120D	9-18101
	188	541 x 368 x 150	26	75	500	KLTD64170D	9-17509
	238	541 x 368 x 200	36	75	500	KLTD64220D	9-17518
	288	541 x 368 x 250	45	75	500	KLTD64270D	9-17511
	338	541 x 368 x 300	55	75	500	KLTD64320D	9-17513
	438	541 x 368 x 400	74	75	500	KLTD64420D	9-17515

## **Small parts containers KLT**

### **Accessories**







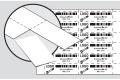
B Security seals



C Locking systems BS



O Covers for pal-letised containers



Labels



Labels



G Label covers



Document pockets



Slot-in divider strips



Transport dolly



Bag holder

Pos.	Description	n	Colour	Accepts bin type	Container type	Pcs/ pack	Ref. no.
A	Drop-on	will cover container stacks, can also be used to close individ-	turquoise	400 x 300 mm	AD43	1	43-20499
	lids	ual containers, suited for automated lidding and strap-sealing		600 x 400 mm	AD64	1	43-20497
B	Security seals	tear-off security seals, suited for all XL and KLT containers except for containers sized 800 x 600 mm, colour: red	red		KLTP	500	9-16271
D	Covers for palletised containers	cover palletised bins and containers	black		PAH12.80	1	9-18421
<b>B</b>	Labels	pre-perforated blank label sheets, ready for direct printing, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack, colour white	white		46-20778	100	46-20778
ß		white plastic cards, suited for all XL and KLT containers with a			XL21/60	50	43-14558
		minimum height of 170 mm			XL21/74	50	43-14557
G	Label covers	label holder (PVC) with bent lip allows easy label insertion from the top, suited for all XL and KLT containers	water clear without retaining fixture to prevent loss of label	KLT	KLT-ET1	10	9-20053
		label holder (PVC) with bent lip allows easy label insertion from the top, suited for all KLT containers with a minimum height of 170 mm and for XL containers sized 600 x 400 mm and a minimum height of 220 mm	water clear with retaining fixture to prevent loss of label	KLT	KLT-ET2	10	9-20054
	Document pockets	ideal for frequent exchange of inserts, adhesive fabric backing provides strong adhesion, colour transparent	transparent		MBET	10	6-5031
D	Slot-in divider	from black PP-RE, flexi dividers are supplied in standard lengths, can be cut to required length with a saw for wood or	Material thick- ness 10 mm		SSU120/11	10	43-18420
	strips	metals (additional charge for ready cut lengths)	Material thick-		SSU180/5	10	7-15509
			ness 5 mm		SSU50/5	10	43-18417
			Material thick- ness 10 mm		SSU55/11	10	43-18419
			Material thick- ness 5 mm		SSU80/5	10	43-18418
D	Transport dolly	Transport complete with 4 swivel castors, designed for European size dolly stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm,			TR64	1	43-1491
		framework from glassfibre reinforced polyamide	rubber wheels		TR64G	1	43-21883
K	Bag holder	clip-on fitting to MB, XL and KLT containers, holds bags open for easy filling, can be retro-fitted, demountable, colour: grey (picture shows customised color)	grey		MB-BR64D	1	6-31553

## Small parts containers



## Insertable bins

### type EK

Make maximum use of space and stock several references in the same bin!

- For easy subdivision and full use of space
- Optimised grip solution for easy positioning and removal
- Further subdivision, stackable



Scan this QR code:

### **Insertable bins**

www.bito.com/web-kltek-de

### Type EK, for small parts containers KLT

To suit containers sized L x W	Format	Overall dim. L x W x H	Volume	Container type	Colour	Pcs/pack	Ref. no.
mm		mm	Litres				
400 x 300	1/4	165 x 129 x 90	1.6	EK16129KLT	black	32	9-20000
	1/2 crosswise	258 x 166 x 90	3.2	EK25169KLT	black	16	9-20004
600 x 400	1/8	178 x 129 x 90	1.7	EK17129KLT	black	32	9-19997
	1/4	263 x 178 x 90	3.5	EK26179KLT	black	16	9-20002
	1/2 crosswise	358 x 268 x 90	7.2	EK35269KLT	black	8	9-20006
	1/2 lengthwise	530 x 178 x 90	7.3	EK53179KLT	black	8	9-19996

Description		Accepts bin type	Container type	Pcs/pack	Ref. no.
Cross dividers	allow further subdivision of	EK16129KLT, EK25169KLT	QT169	10	9-16753
		EK17129KLT, EK17129XL, EK17139XL, EK25179XL, EK26179KLT, EK27179XL, EK53179KLT, EK55179XL	QT179	10	9-16502
		EK35269KLT	QT269	10	9-16754
Dust covers	reliable protection against	EK16129KLT	SD1612	10	9-16872
	soiling, containers remain fully stackable	EK17129KLT, EK17129XL	SD1712	10	9-16870
		EK25169KLT	SD2516	10	9-16879
		EK26179KLT	SD2617	10	9-16877
		EK35269KLT	SD3526	10	9-16875
		EK53179KLT	SD5317	10	9-16873

### **Insertable bins**

### type EEK

Make maximum use of space and stock several references in the same bin!

- For easy subdivision and full use of space
- With inward pointing integral ledges for convenient handling



### Type EEK, for small parts containers KLT



To suit contain- ers sized L x W	Format	Overall dim. L x W x H	Volume	Container type	Colour	Pcs/ pack	Ref. no.
mm		mm	Litres				
600 x 400	1/8	178 x 129 x 85	1.6	EEK17128KLT	black	32	9-31321
	1/6	178 x 178 x 230	5.7	EEK17123KLT	black	6	9-30279
	1/4	265 x 179 x 85	3.4	EEK26178KLT	black	16	9-22539
	1/4	265 x 179 x 230	9.6	EEK26123KLT	black	4	9-31366
	1/2 lengthwise	530 x 179 x 230	18.0	EEK53123KLT	black	1	9-30280
	1/2 lengthwise	530 x 179 x 85	7.0	EEK53178KLT	black	8	9-22538
	1/2 crosswise	358 x 263 x 85	7.0	EEK35268KLT	black	8	9-31323

Robust and rigid – great for automated storage

- Zinc-plated steel
- Collars increase the standard tray height from 38 mm to up to 400 mm
- Very low base deflection
- With pressure-joined corners







Collar to increase tray height, push-in fitting



Tray subdivision with insert bins EK



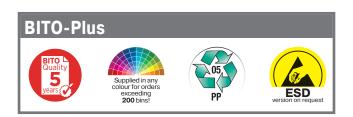
### i BITO info

Steel trays are used for heavy weight items (50 to 300 kg). With a very low base deflection, these steel trays ensure safe handling in automated storage facilities. By clipping on a collar or adding insert bins, it is possible to perfectly adapt the trays to your stock items.

### **Plastic trays**

Perfect for use as "adapter" for storage items that are not suited for transport on conveyors or for automated storage – tray sizes 600 x 400 mm and 400 x 300 mm

- Allow automated handling of cartons, even if they are damaged
- Can be handled with all types of service vehicles
- **■** Further variations upon request







### **Distribution trays DT 640**

- Smooth base and ribbed edges at container base ensure trouble free travel on conveyors
- Inner ribbing ensures very good stability
- Dimensions suited for 600 x 400 mm bins and cartons

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
640 x 426	50	608 x 408 x 29	blue	45-20017



### **Distribution trays DT 670**

- Smooth base and ribbed edges at container base ensure trouble free travel on conveyors
- Inner ribbing ensures very good stability

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
670 x 410	70	629 x 379 x 50	blue	45-22696



### **European size trays**

- European size trays provide ample space for your products
- Ribbed edges at container base for smooth operation on conveyors

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
399 x 299	50	379 x 279 x 30	blue	45-21867
599 x 399	50	579 x 379 x 30	blue	45-21866



### **Trays XLT**

- Dimensions compatible with stacking container series BN, XL and KLT
- Ribbed edges at container base for smooth operation on conveyors

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
600 x 400	50	568 x 368 x 30	blue	45-22542

### i BITO info

### Load holders for XLT64 storage trays

These optional load holders fix bins and containers lengthwise or crossways on a tray. Even a single smaller size container is securely held in place - shifting is excluded. Spring-mounted load holders even allow to fix several different size bins on the same tray.



### **Trays XLT-P**

- Dimensions compatible with stacking container series BN, XL and KLT
- Ribbed edges at container base for smooth operation on conveyors

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Colour	Ref. no.
mm	mm	mm		
600 x 400	55	568 x 368 x 30	blue	45-30286



### Load retention corners for XLT64-P

Optionally available: push-fit corners prevent cartons or bins from slipping sideways.





## **Multi-purpose containers MB**

## Your first choice for stacking and nesting: BITOBOX MB

The BITO MB container series in Euro footprint is the option of choice for distribution chains. Compared to one-way packaging such as cardboard boxes, MB containers are extremely robust, long lasting and save up to 75% on volume when nested. Suited for storage, order picking and transport alike, all containers of the MB series can be used as outer packaging. This means that your products do not need repacking allowing you to save on packaging waste, help the environment and conserve resources.



## Multi-purpose containers







### **Product features**



Indented buffer zones

Trouble-free handling on conveyors, as indented buffers prevent same height containers from overriding in the case of jams.



Label areas

Label areas with both a smooth and a dimpled surface offer enough room for placing adhesive labels. As these areas are slightly recessed, the labels are reliably protected during nesting and de-nesting.



Ideal travel characteristics

Designed with textured base and rounded edges for optimum use on conveyors and in live storage installations.



Safe stacking

"Swing" stacking rails maximise volume utilisation and ensure safe stacking. The rails lock into upright position to prevent swinging down by accident.



Nesting

Simply turn the stacking rails into their side position for container nesting.



Maximum use of volume

Smooth internal sides provide 100% volume utilisation and make sure that bins can be nested and de-nested without jamming.



Easy cleaning

Smooth surfaces and drainage holes in the container rim allow fast, easy and thorough cleaning.



Manual handling

Generously spaced and ergonomically designed hand grips, comfortable to use when container is loaded.



Hinged lid

The hinged, interlocking two-piece lid has an integral recessed area to provide outstanding stacking stability. This standard lid comes firmly fitted to the container and can be sealed in various ways.



### **Company logos**

Company logos and messages can be applied by injection moulding, screen printing, pad printing or hot foil stamping – please ask!



Strap-sealable hinged lid

The hinged lid has been developed for automated long and short side strap-sealing. Raised stacking edges guarantee maximum stacking stability.

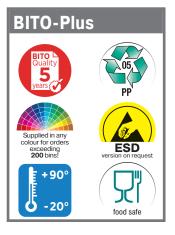


# Multi-purpose containers

## **Multi-purpose containers MB**

The range that stacks safely and nests away during empty storage

- MB formula: 3 = 1
- 1. Transport container
- 2. Storage container
- 3. Order picking box
- Nesting saves up to 75% on volume
- Designed for a long service life
- Reduce packaging waste
- Colour: dove blue



NESTING AND FOLDING CONTAINERS



600 x 400 mm

810 x 400 mm



810 x 600 mm

### **Standard version**

Outside dimensions L x W	Height	Volume	Load capacity	Container type	Ref. no.
mm	mm	Litres	kg		
300 x 200	153	5	15	MB32151	6-5015
400 x 300	173	16	14	MB43171	6-15864
	223	18	20	MB43221	6-11091
	273	22	25	MB43271	6-11092
	323	27	25	MB43321	6-11093
600 x 400	173	29	25	MB64171	6-11090
	223	38	30	MB64221	6-11089
	273	47	30	MB64271	6-11088
	323	58	35	MB64321	6-10802
	423	74	35	MB64421	6-11087
800 x 400	323	76	35	MB84321	6-5045
	423	100	35	MB84421	6-5046
800 x 600	323	120	50	MB86321	6-15246
	423	158	50	MB86421	6-15255

300 x 200 mm

400 x 300 mm





#### With hinged two-part lid

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
310 x 200	170	5	15	100	MBD32151	6-5017
410 x 300	190	16	14	150	MBD43171	6-16043
	240	18	20	150	MBD43221	6-11123
	290	22	25	150	MBD43271	6-11124
	340	27	25	150	MBD43321	6-11125
610 x 400	190	29	25	200	MBD64171	6-16766
	240	38	30	200	MBD64221	6-11119
	290	47	30	200	MBD64271	6-11120
	340	58	35	200	MBD64321	6-11121
	440	74	35	200	MBD64421	6-11122
810 x 400	340	76	35	200	MBD84321	6-5053
	440	100	35	200	MBD84421	6-5054
810 x 600	353	115	50	300	MBD86321	6-15249
	453	154	50	300	MBD86421	6-15258



#### i BITO info

All container sizes interstack even when strap-sealed!



#### With hinged interlocking lid suited for strap-sealing

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
410 x 300	199	13	14	150	MBDU43171	6-30314
	249	17	20	150	MBDU43221	6-30315
	299	21	25	150	MBDU43271	6-30316
	349	25	25	150	MBDU43321	6-30317
610 x 400	199	29	25	200	MBDU64171	6-16861
	249	38	30	200	MBDU64221	6-16131
	299	47	30	200	MBDU64271	6-16133
	349	58	35	200	MBDU64321	6-16132
	449	74	35	200	MBDU64421	6-16134
810 x 400	349	77	35	200	MBDU84321	6-22647
	449	102	35	200	MBDU84421	6-22648



### With mounted stacking rails

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
400 x 300	173	16	14	150	MBB43171	6-16011
	223	18	20	150	MBB43221	6-11126
	273	22	25	150	MBB43271	6-11117
	323	27	25	150	MBB43321	6-11118
600 x 400	173	29	25	200	MBB64171	6-11112
	223	38	30	200	MBB64221	6-11113
	273	47	30	200	MBB64271	6-11114
	323	58	35	200	MBB64321	6-11115
	423	74	35	200	MBB64421	6-11116
800 x 400	323	76	35	200	MBB84321	6-5049
	423	100	35	200	MBB84421	6-5050



### With hinged stacking seats

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	353	115	50	200	MBB86321	6-15252
	453	154	50	200	MBB86421	6-15261





### With polyamide swivel castors

Outside dimensions L x W	Height	Volume	Load capacity	Container type	Ref. no.
mm	mm	Litres	kg		
800 x 600	423	114	50	MB86321DROLL-K	6-19483
	523	151	50	MB86421DROLL-K	6-19485



### With plastic swivel castors

Outside dimensions L x W	Height	Volume	Load capacity	Container type	Ref. no.
mm	mm	Litres	kg		
800 x 600	423	114	50	MB86321DROLL-G	6-19484
	523	151	50	MB86421DROLL-G	6-19486



### With locking system

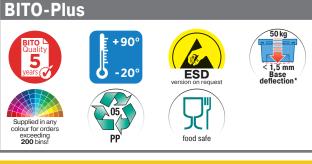
Outside dimensions L x W	Height	Base option	Load capac- ity	Stacking load	Volume	Lock type	Container type	Ref. no.
mm	mm		kg	kg	Litres			
410 x 300	240	Standard base	20	300	18	Lever lock BS2	MBD43221BS2	6-18127
610 x 400	340	Standard base	35	300	58	Cam lock BS1	MBD64321BS1	6-18125
	340	Standard base	35	300	58	Lever lock BS2	MBD64321BS2	6-18128
800 x 600	353	Standard base	50	300	120	Cam lock BS1	MBD86321 BS1	6-20286
	353	Ribbed base	50	300	109	Cam lock BS1	MBD86321R BS1	6-20287
	353	Double base	200	300	109	Cam lock BS1	MBD86321D BS1	6-20288
	453	Standard base	50	300	158	Cam lock BS1	MBD86421 BS1	6-20291
	453	Ribbed base	50	300	147	Cam lock BS1	MBD86421R BS1	6-20292
	453	Double base	200	300	147	Cam lock BS1	MBD86421D BS1	6-20293

## Multi-purpose containers MB with ribbed base

Ideal for handling heavy weight loads – also in automated facilities

- High load capacities of up to 50 kg / 75 kg
- Containers are also available with hinged interlocking lid or with stacking rails
- Very low base deflection for use in automated bin storage facilities\*





#### i BITO info

 $^{\star}\text{All}$  values assume an ambient temperature of 23°C, long side-on container handling and uniformly distributed loads.







Outside dimensions L x W	Height	Volume	Load capacity	Container type	Ref. no.
mm	mm	Litres	kg		
600 x 400	241	38	50	MB64221R	6-17601
	341	58	50	MB64321R	6-17558
	441	74	50	MB64421R	6-17603
800 x 600	323	114	75	MB86321R	6-15247
	423	151	75	MB86421R	6-15256

#### With hinged stacking seats

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	353	109	75	200	MBB86321R	6-15253
	453	147	75	200	MBB86421R	6-15262

#### With hinged two-part lid

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	353	109	75	300	MBD86321R	6-15250
	453	147	75	300	MBD86421R	6-15259



## Multi-purpose containers MB with double base

Ideal for handling heavy weight loads - also in automated facilities

- Double base containers offer increased stability, silent travelling on conveyors, and are easier to clean than ribbed base containers
- High load capacities of up to 75 kg / 200 kg
- Very low base deflection for use in automated bin storage facilities\*
- Containers are also available with hinged interlocking lid or with stacking rails





\*All values assume an ambient temperature of 23°C, long side-on container handling and uniformly distributed loads.









Outside dimensions L x W	Height	Volume	Load capacity	Container type	Ref. no.
mm	mm	Litres	kg		
600 x 400	242	38	75	MB64221D	6-17605
	342	58	75	MB64321D	6-17559
	442	74	75	MB64421D	6-17607
800 x 600	323	114	200	MB86321D	6-15248
	423	151	200	MB86421D	6-15257

#### With hinged stacking seats

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	353	109	200	200	MBB86321D	6-15254
	453	147	200	200	MBB86421D	6-15263

### With hinged two-part lid

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	353	109	200	300	MBD86321D	6-15251
	453	147	200	300	MBD86421D	6-15260





### Multi-purpose containers MB - insulation accessories

Thermo inlays

Innvoative packaging solution for temperature sensitive goods

- Protect your goods against strong temperature fluctuations
- Equipped with an insulating and shock absorbing inlay, a standard MB container turns into a Thermo-MB that is perfectly suited for transporting temperature sensitive goods.
- Cool packs keep the inside temperature at an even level
- Container inlays are also nestable
- **Delivery includes cool packs**





#### Thermo-inlays, for multi-purpose containers MB

Description	Accepts bin type	Ref. no.
Thermo-inlays	MBD43271	6-22689
	MBD64271	6-22688

#### Multi-purpose containers MB - Mail custom solution

with hinged two-part lid

Officially approved for use by German post offices and postal services

- These MB containers have been especially developed for mail sorting centres and have been approved by the Deutsche Post AG (German Mail) for use on conveyors.
- Nesting saves up to 75% on volume
- Single use security seals safely lock containers with hinged lid and protect integrity of contents
- Ergonomically designed grips, comfortable to use when container is loaded
- The textured base and rounded edges ensure optimum travel characteristics on conveyors and in live storage systems







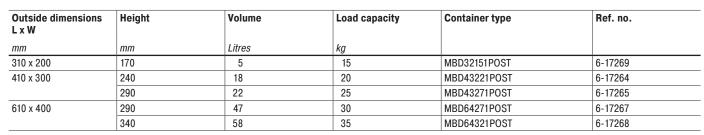


310 x 200 mm

410 x 300 mm

610 x 400 mm

#### With hinged two-part lid









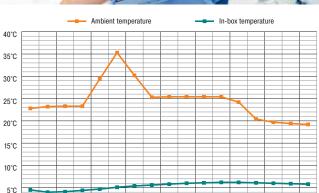
### Multi-purpose containers MB - insulation accessories

#### Thermo insulation sets

Safe and reliable shipping of temperature-sensitive products

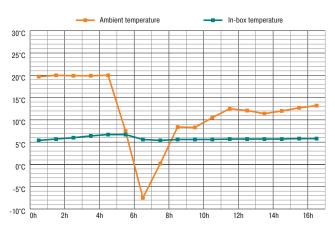
- Ideal for shipping temperature-sensitive products: pharmaceuticals, vaccines etc.
- Designed to minimise transport damage or product spoilage
- Kit includes 1 Neopor® box with lid suitable for multi-purpose containers MBD43271 and MBD64271, 1 washable inlay from PS and 3 cool packs per inlay
- Keep a temperature range of 2-8 °C for at least 12 hours





Summer temperature profile inside thermo insulation set





Winter temperature profile inside thermo insulation set

#### i BITO info

0°C

At a constant outside temperature of 20°C, two cool packs are sufficient to maintain a temperature between 2°C and 8°C inside a container. This temperature is maintained for more than 12 hours in multi-purpose containers MBD43271 and for more than 8 hours in multi-purpose containers MBD64271.

Temperature curves shown here are for illustration purposes only. More information on www.bito.com/downloads.

#### Thermo insulation sets, for multi-purpose containers MB

Description	Accepts bin type	Dimensions W x H x D	Useable volume	Ref. no.
		mm	Litres	
Thermo insulation sets	MBD43271	170 x 170 x 170	5	6-31363
	MBD64271	360 x 260 x 160	17	6-31364

Description		Dimensions	Container type	Pcs/ pack	Ref. no.
		mm			
Replacement cover	from Neopor®, ergonomically optimised hand cups	L 340 x W 259 x H 50	Typ 4327	1	6-31440
		L 528 x W 358 x H 60	Typ 6427	1	6-31441
Inlays	washable inlay made from polystyrene (PS)	-	Typ 4327	1	6-31359
		-	Typ 6427	1	6-31360
Cool packs	2 mm insulating coating prevents cold packs from freezing to each other or	L 195 x W 130 x H 23	Typ 4327	1	6-31361
	to contents, dimensions refer to unfrozen cold packs, maximum dimensional stability during freezing	L 280 x W 190 x H 30	Тур 6427	1	6-31362

#### **Multi-purpose containers MB**

#### transparent version

Don't lose sight of your products!

- Container from transparent polypropylene
- Perfect for transport, order picking and storage





Outside dimensions L x W	Height	Volume	Load capacity	Container type	Ref. no.
mm	mm	Litres	kg		
400 x 300	223	18	20	MB43221TRANSP	6-18956
600 x 400	223	38	30	MB64221TRANSP	6-18957
	323	58	35	MB64321TRANSP	6-18958

#### Transparent version, with stacking rails

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
400 x 300	223	18	20	150	MBB43221TRANSP	6-18964
600 x 400	223	38	30	200	MBB64221TRANSP	6-18965
	323	58	35	200	MBB64321TRANSP	6-18966

#### Transparent version, with hinged two-part lid

Outside dimensions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
410 x 300	240	18	20	150	MBD43221TRANSP	6-18961
610 x 400	240	38	30	200	MBD64221TRANSP	6-18962
	340	58	35	200	MBD64321TRANSP	6-18963

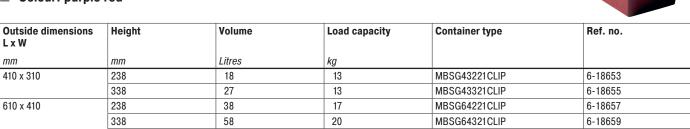
### Multi-purpose containers MB

438

for hazardous substances, drop-on lid with metal snap locks

Safe transport of hazardous goods such as paints, sprays, etc.

- MB containers for hazardous substances come with drop-on lids complete with ready-mounted metal lever locks
- MB containers have been approved by the Bundesanstalt für Materialforschung und -prüfung (German Federal Institute for Materials Research and Testing) as outer packaging for hazardous goods categorised into packaging groups II and III.
- All containers bear the approval number 4H2/Y25/S/18/D/BAM6107-BITO
- Colour: purple red





6-18660

MBSG64421CLIP



### **Multi-purpose containers MB**

#### with view and pick opening

Not only good for handling and presenting garments...

- Easy order picking also when bins are stacked
- Instant identification of content
- Containers are also available with hinged interlocking lid or with stacking rails





#### With long side pick opening

Outside dimensions L x W	Height	Pick opening W x H	Volume	Load capacity	Container type	Ref. no.	Price/pce
mm	mm	mm	Litres	kg			
600 x 400	223	117 x 439	38	30	MB64226	6-11083	upon request
	273	139 x 439	47	30	MB64276	6-11082	upon request
	323	158 x 439	58	35	MB64326	6-10804	upon request
	423	217 x 439	74	35	MB64426	6-11081	upon request



#### With short side pick opening

Outside dimen- sions L x W	Height	Pick opening W x H	Volume	Load capacity	Container type	Ref. no.	Price/pce
mm	mm	mm	Litres	kg			
400 x 300	273	182 x 138	22	25	MB43274	6-5024	upon request
	323	182 x 157	27	25	MB43324	6-5025	upon request
600 x 400	223	270 x 117	38	30	MB64224	6-11086	upon request
	273	270 x 139	47	30	MB64274	6-11085	upon request
	323	270 x 158	58	35	MB64324	6-10803	upon request
	423	270 x 217	74	35	MB64424	6-11084	upon request
800 x 400	323	270 x 158	76	35	MB84324	6-5047	upon request
	423	270 x 217	100	35	MB84424	6-5048	upon request

#### **Accessories**



A Security seals



B Security seals



Security seals



Barcoded security seals



E Locking clips



Easy peel label holders



**G** Document pockets



Document pockets



Drop-on lid



Transport dolly



Transport dolly



Multi-purpose containers MB Mobile Office"



M Rails for A4 hanging files



N Connector clips



Bag holder





Pos.	Description		Dimensions	Container type	Pcs/ pack	Ref. no.
			mm			1
A	Security seals, MBP1 - suited for BITOBOX MB	single use security seals, suited for all MB and XL containers sized $800 \times 600$ mm at the base, tamper evident seals to inhibit theft, 2 security tags required per container, colour: red, other colours upon request	-	MBP1	500	6-10810
В	Security seals, MBP2 - suited for BITOBOX MB	single use security seals, suited for all MB and XL containers sized 800 x 600 mm at the base, tamper evident seals to inhibit theft, 2 security tags required per container, colour: red, messages and customised colours upon request	-	MBP2	500	6-15705
C	Security seals, MBP2-N - suited for BITOBOX MB, XL, SL	single use security seals with continuous numbering, suited for all MB, SL and XL containers sized 800 x 600 mm, colour: red	-	MBP2-N	500	6-19162
D	Barcoded security seals, MBP3 - suited for BITOBOX MB and XL 800 x 600 mm	single use security seals with consecutive 8-digit numbering (barcode and human-readable), seals are supplied tied together in pairs with identical numbering, the BITO Smartphone app "Seal & Track" makes reading and transmitting seal numbers easy, custom prints upon request	-	MBP32N	250	6-31550
3	Locking clips, suited for BITOBOX MB	to lock MB's with hinged two-part lid, can be re-used, colour: red	-	MBV	10	6-20299
<b>3</b>	Easy peel label holders, KFA6	self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces	L 165 x W 114	KFA6	100	6-31309
	Easy peel label holders, KFA5		L 230 x W 170	KFA5	100	6-31310
G	Document pockets, self-adhesive	ideal for frequent exchange of inserts, adhesive fabric backing provides strong adhesion, colour transparent	L 175 x W 105	MBET	10	6-5031
	3 sides open	ideal for frequent exchange of inserts, adhesive fabric backing provides strong adhesion, Material PVC, colour transparent	L 210 x W 74	MBETVDA	10	6-31311
		ideal for frequent exchange of inserts, adhesive fabric backing provides strong adhesion, colour transparent	L 210 x W 148	MBETDINA5	10	6-19528
Ð	Document pockets, self-adhesive 2 sides open	slightly shorter ticket holder front allows to easily insert and remove cards, Material vinyl, colour blue	L 145 x W 100	46-21108	25	46-21108
	Document pockets,	document pocket with two self-adhesive strips, also suited for	L 155 x W 85	46-21109	25	46-21109
	self-adhesive 1 side open	marking shelving and racking, durable application to all types of storage and transport bins and containers, Material vinyl, colour blue	L 235 x W 170	46-21110	25	46-21110
	Drop-on lid, for	will cover MB container stacks, can also be used to close individual	L 306 x W 206	MBS32	1	6-15868
	multi-purpose	containers, suited for automated lidding and strap-sealing, individ-	L 400 x W 300	MBSU43	1	6-30277
	containers MB	ual covers can be nested to save on space, adds 10 mm to container height on all sides	L 600 x W 400	MBSU64	1	6-30276
		neight on an sides	L 800 x W 400	MBS84	1	6-22544
			L 800 x W 600	MBS86	1	6-22546
D	Transport dolly, for multi-purpose containers sized 600 x 400 mm	complete with 4 swivel castors, for multi-purpose containers sized 600 x 400 mm, fitted with drop-in lid for optimum positioning of MB containers, made from glassfibre reinforced polyamide, drop-in lid from polypropylene	L 620 x W 420	TR64MBS	1	6-15510
K	Transport dolly,	complete with 4 swivel castors, for multi-purpose containers sized	L 720 x W 370	TR84MB	1	6-16494
	for multi-purpose containers sized 800 x 400 mm and 800 x 600 mm	800x400 mm and $800x600$ mm, anodised aluminium frame with PVC corner edging	L 720 x W 540	TR86MB	1	6-19439
D	Multi-purpose containers MB Mobile Office"", including rails for A4 hanging files	safe transport and storage of hanging files, 2 rails for hanging files per container, to be fitted inside, easy assembly	L 610 x W 400 x H 340	6-12938	1	6-12938
M	Rails for A4 hanging files, for multi-pur- pose containers MB	2 file rails can be fitted inside the container for safe storage and transport of A4 hanging files. Additionally, the container contents can be secured by a hinged lid or a drop-on lid and security seals. File rails can only be fitted to containers MB(D)64321 and MB(D)64421.	-	MBE64	1	6-11920
N	Connector clips	The connector clip allows to form a double-height stacking and transport unit by joining multi-purpose containers face to face. Containers to be joined must have the same length and width, but may differ in height.	-	МВС	100	6-15625
0	Bag holder, can be dismounted	clip-on fitting to MB, XL and KLT containers, holds bags open for easy filling, can be retro-fitted, demountable, colour: grey (picture shows customised color)	-	MB-BR64D	1	6-31553

### Multi-purpose containers MB - special applications

## Designed for your requirements!

Benefit from utmost versatility: MB containers are just as useful in in-house transport and intralogistics in the widest sense as they are for shipping. This also means that MB containers must be able to cater for custom requirements. For this purpose, BITO provides the widest possible spectrum of features to make your MB container perfect for your needs. Automated barcode labelling or milling and drilling holes to comply with fire prevention regulations are just a few examples.

Of course, we also supply containers with company logos and messages, special dimensions, customised inlays and reinforcing features.

#### **Equipments options**



MB with foam inlay, reflective foil and specifically designed label holder.



Special size MB for extra long items designed to your specifications!



MB used for logistics services by TNT, an internationally operating CEP service provider.



MB with specially designed label holder. Label can only be removed when container is open.



MB used as freight box by the German air carrier Lufthansa.



MB with drainage holes used for





## Easy peel label holders

■ Self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces









Dimensions	Format	Container type	Pcs/ pack	Ref. no.
mm				
L 165 x W 114	DIN A6	KFA6	100	6-31309
L 230 x W 170	DIN A5	KFA5	100	6-31310



## **Folding boxes EQ**

## The next generation of folding boxes

Compared to folding boxes of other manufacturers, the BITO folding box EQ features a revolutionary, ergonomically designed and easy to handle folding mechanism.





## Folding containers













#### **Product features**



Seesaw (un-)locking profile

Sides lock open with a simple push of the thumb or the heel of the hand on the box shoulder. Developed in cooperation with leading ergonomicists.



Fold-up handles

This alternative to open handle grips prevents unauthorized access to the contents and allows full use of the bin volume as well as easy handling.



Hinged interlocking lids (optional)

loss-proof, tamper evident security seals available



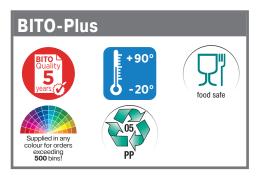
Label holder (optional)

The clear-view label holder can be fitted on the short side or on the lid. Please specify.

## Folding boxes EQ

The folding box that really improves workplace ergonomics!

- Robust make withstands many distribution cycles
- Empty containers fold flat to save valuable space during storage and transport
- Space saving ratio 1:4
- The ribbed base and double base versions are also suited for automated storage
- Also available with hinged two-part lid suited for security sealing





#### With standard base

- Ergonomic handling
- Sides fold safely in seconds without jamming
- Save 75% of storage volume when folded



Outside dimensions L x W	Height	Description	Load capacity	Stacking load	Volume	Container type	Ref. no.	Ref. no.
mm	mm		kg	kg	Litres			
600 x 400	285	with grip opening	20	180	58,0	EQ64281	51-31452	51-31468
	285	with fold-up handles	20	180	58,0	EQ64281L	51-31454	51-31470
	320	with grip opening	20	180	65,0	EQ64321	51-31453	51-31469
	320	with fold-up handles	20	180	65,0	EQ64321L	51-31455	51-31471



#### With standard base and hinged two-part lid

Outside dimensions L x W	Height	Description	Load capacity	Stacking load	Volume	Container type	Ref. no.	Ref. no.
mm	mm		kg	kg	Litres			
600 x 400	297	with grip opening	20	180	57,0	EQD64281	51-31456	51-31472
	297	with fold-up handles	20	180	57,0	EQD64281L	51-31458	51-31474
	332	with grip opening	20	180	64,0	EQD64321	51-31457	51-31473
	332	with fold-up handles	20	180	64,0	EQD64321L	51-31459	51-31475

# Folding containers





### with ribbed base and with hinged two-part lid

Outside dimensions L x W	Height	Description	Load capacity	Stacking load	Volume	Container type	Ref. no.	Ref. no.
mm	mm		kg	kg	Litres			
600 x 400	297	with grip opening	50	180	54,0	EQD64281R	51-31464	51-31480
	297	with fold-up handles	50	180	54,0	EQD64281LR	51-31466	51-31482
	332	with grip opening	50	180	61,0	EQD64321R	51-31465	51-31481
	332	with fold-up handles	50	180	61,0	EQD64321LR	51-31467	51-31483



#### With ribbed base

Outside dimensions L x W	Height	Description	Load capacity	Stacking load	Volume	Container type	Ref. no.	Ref. no.
mm	mm		kg	kg	Litres			
600 x 400	285	with grip opening	50	180	55,0	EQ64281R	51-31460	51-31476
	285	with fold-up handles	50	180	55,0	EQ64281LR	51-31462	51-31478
	320	with grip opening	50	180	62,0	EQ64321R	51-31461	51-31477
	320	with fold-up handles	50	180	62,0	EQ64321LR	51-31463	51-31479

#### **Accessories**









A Security seals

B Drop-on lids

Transport dolly

Document pockets

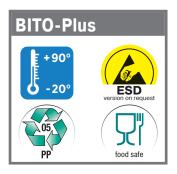
Pos.	Description		Colour	Material	Pcs/pack	Ref. no.
A	Security seals with laser marking	single use security seals fit all EQ folding boxes, seals are supplied tied together in pairs with identical numbering, consecutive laser-applied numbering (barcode)	white	PP	250	51-31666
B	Drop-on lids	thermoformed lid from PS, protection from dust, dust cover can be placed on the folded box, stacking of folded boxes + lid is possible	black	PS	1	51-31437
C	Transport dolly	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide			1	43-1491
D	Document pockets	ideal for frequent exchange of inserts, adhesive fabric backing provides strong adhesion, colour transparent	trans- parent	PE	10	6-5031



## Folding distribution boxes MFB

Nesting saves up to 82% of storage volume

- Folds safely in seconds
- Advanced design in 5 variations
- Colour: dove blue







Vertical sides allow maximum volume utilisation



Optionally available with hinged two-part lid



Easy de-stacking



Robust hinges for a long service life



Safe stacking







400 x 300 mm

600 x 400 mm

800 x 600 mm



Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Folded height	Container type	Ref. no.
mm	mm	mm	Litres	mm		
400 x 300	220	370 x 270 x 215	22	65	MFB43221	7-22656
600 x 400	220	560 x 360 x 210	42	80	MFB64221	7-22657
	280	560 x 360 x 270	54	80	MFB64281	7-22658
	320	560 x 360 x 310	64	80	MFB64321	7-22659
800 x 600	445	740 x 540 x 425	165	125	MFB86441	7-22660



#### With hinged two-part lid

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Folded height	Container type	Ref. no.
mm	mm	mm	Litres	mm		
400 x 300	220	370 x 270 x 215	22	65	MFBD43221	7-22661
600 x 400	230	560 x 360 x 210	42	90	MFBD64221	7-22662
	290	560 x 360 x 265	54	90	MFBD64281	7-22663
	330	560 x 360 x 310	64	90	MFBD64321	7-22664
800 x 600	465	740 x 540 x 425	165	145	MFBD86441	7-22665

## Folding containers



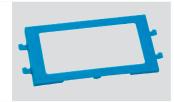
#### **Accessories**







B Drop-door locking



C Label frames



Drop-on lids



Transport dolly



Transport dolly

Pos.	Description		Colour	Dimensions	Container type	Pcs/ pack	Ref. no.
				mm			
A	Security seals	tear-off security seals, suited for all MBF folding distribution boxes, application of customer specific logos and custom prints possible, colour: red	red	-	MFBP	100	7-22666
В	Drop-door locking	protection against theft, prevention of short sides being pried open by external pressure	-	-	MFBS	1	7-22675
C	Label frames	ideal for accompanying documents, not suited for MFB(D)64221	dove blue	L 160 x W 80	MFBER80	1	7-22673
n n	Drop-on lids	reliable protection against soiling	dove blue	L 400 x W 300	MFB-AD43	1	7-22670
			dove blue	L 600 x W 400	MFB-AD64	1	7-22671
			anthracite grey	L 800 x W 600	MFB-AD86	1	7-22672
<b>(3</b>	Transport dolly	complete with 4 swivel castors, designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm, framework from glassfibre reinforced polyamide	-	L 620 x W 420	TR64	1	43-1491
G		supplied with 2 swivel and 2 fixed castors, suited for containers sized 800 x 600 mm, made from polypropylene	-	L 800 x W 600	RU86.125	1	43-1150



### **Stack and nest containers DSL**

Stackable and nestable container range in many sizes

- Containers are stackable and nestable with a front-toback turn
- Containers sized 600 x 400 mm and 800 x 400 mm have open grips, all other container sizes come with moulded grips pockets
- Easy to clean
- Adapted to Euro pallet size
- Stacking load up to 150 kg
- Choice of 4 colours



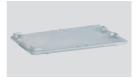




#### With solid sides

Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm	mm	mm	Litres	kg	kg					
300 x 200	150	215 x 145 x 145	6,0	5	150	DSL3215	7-14354	7-14416	7-14418	7-14417
400 x 280	180	290 x 210 x 176	13,0	10	150	DSL4318	7-14355	7-14419	7-14421	7-14420
590 x 380	135	440 x 290 x 130	18,0	15	150	DSL6413	7-14356			
	202	433 x 285 x 196	34,0	30	150	DSL6420	7-14357	7-14422	7-14424	7-14423
600 x 400	300	452 x 318 x 296	50,0	45	150	DSL6430	7-14358	7-14425	7-14427	7-14426
800 x 400	300	652 x 325 x 296	70,0	55	150	DSL8430	7-14359	7-14428	7-14430	7-14429

#### **Accessories**



A Drop-on lid

Pos.	Description		To suit containers sized L x W	Container type	Ref. no.
			mm		
A	Drop-on lid	reliable protection against soiling, containers remain fully stackable, colour:	590 x 380	DSD6420	7-14351
		grey, from polystyrene	600 x 400	DSD6430	7-14352
			800 x 400	DSD8430	7-14353

## Stack and nest containers



## **Stack and nest containers DST**

Stackable and nestable container range in many sizes

- Containers are stackable and nestable with a front-toback turn
- Easy to clean
- Adapted to Euro pallet size
- Drop-on lid to fit (see accessories)





#### With solid sides

- Suited for heavy duty applications, closed sides
- Stacking load up to 350 kg
- Nesting saves up to 65% on volume
- Flat base guarantees optimum travel characteristics on conveyors

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
600 x 400	150	512 x 368 x 130	28	35	350	DSTG6415	7-20025
	200	512 x 368 x 180	36	35	350	DSTG6420	7-20026
	250	512 x 368 x 230	46	35	350	DSTG6425	7-20027
	300	512 x 368 x 280	56	50	350	DSTG6430	7-20028
	350	512 x 368 x 330	66	50	350	DSTG6435	7-20029
	400	512 x 368 x 380	76	50	350	DSTG6440	7-20030

#### **Accessories**



A Drop-on lid

Pos.	Description		To suit containers sized L x W	Container type	Ref. no.
A	Drop-on lid	reliable protection against soiling	600 x 400	DSTD64	7-20037

# BITO

### **Multi-purpose containers MB**

## Great for storing, handling and picking large sized goods!

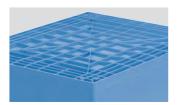
All advantages of the successful MB container series also apply to MB containers with the base dimensions of 800x600 mm: they are very versatile in use, rigid for safe stacking during storage and save on valuable space when nested empty during transport. What makes them stand out compared to other large volume containers is the fact that optional runners can be added and that containers can be nested with fork entry shoes.



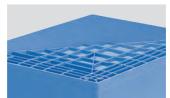
#### **Base options**



Standard base Standard base for loads up to 50 kg



Ribbed base Ribbed base for loads up to 75 kg



**Double base**Double base for loads up to 200 kg



Water drainage holes
Optionally supplied with drainage
holes. Contact us!

#### **Product features**



**Label cover**The integral label cover protects your address labels and address cards.



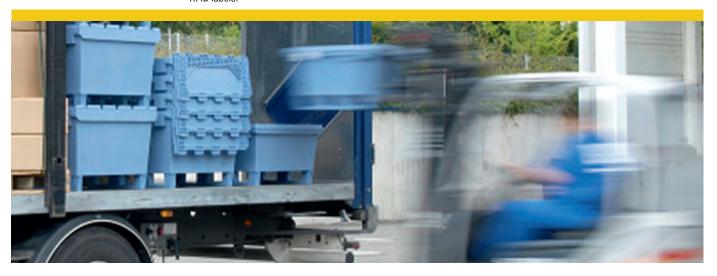
Barcode/RFID labels
Slightly recessed label areas allow
exact positioning of barcode labels and
RFID labels



Adhesive labels
Dimpled areas allow easy positioning and removal of adhesive labels.



**Manual handling**Ergonomically designed, closed hand grips allow easy handling.



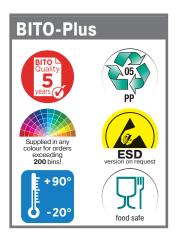


#### **Multi-purpose containers MB**

#### with ready-mounted runners

Our large volume containers 800 x 600 mm are nestable even if fork entry shoes are mounted!

- Our formula: 3 in 1! Ideal for storage, order picking and transport
- First container that can be nested with fork entry shoes mounted
- Nest to reduce volume for empty storage and transportation
- Easy to handle, integral grip







#### Multi-purpose containers MB with ribbed base, with ready-mounted runners

Outside dimensions L x W	Height	Volume	Load capacity	Container type	Ref. no.
mm	mm	Litres	kg		
800 x 600	423	114	75	MB86321RKUFE	6-15310
	523	151	75	MB86421RKUFE	6-15316

#### Multi-purpose containers MB with ribbed base, with hinged stacking seats and fork entry shoes

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	453	109	75	200	MBB86321RKUFE	6-15314
	553	147	75	200	MBB86421RKUFE	6-15320

#### Multi-purpose containers MB with ribbed base, with hinged interlocking lid and fork entry shoes

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	453	109	75	300	MBD86321RKUFE	6-15312
	553	147	75	300	MBD86421RKUFE	6-15318









with ready-mounted runners



# Multi-purpose containers MB with double base, with ready-mounted runners

Outside dimensions L x W	Height	Volume	Load capacity	Container type	Ref. no.
mm	mm	Litres	kg		
800 x 600	423	114	200	MB86321DKUFE	6-15311
	523	151	200	MB86421DKUFE	6-15317



# Multi-purpose containers MB with double base, with hinged stacking seats and fork entry shoes

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	453	109	200	200	MBB86321DKUFE	6-15315
	553	147	200	200	MBB86421DKUFE	6-15321



#### With hinged interlocking lid and fork entry shoes

Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	453	109	200	300	MBD86321DKUFE	6-15313
	553	147	200	300	MBD86421DKUFE	6-15319



#### **Accessories**







B Security seals



Security seals



D Locking clips



Easy peel label holders



Document pockets



**G** Document pockets



Document pockets



Drop-on lid



Add-on fork entry shoes



**K** Barcoded security seals

Pos.	Description		Dimensions	Container type	Pcs/ pack	Ref. no.
			mm			
A	Security seals, MBP1 - suited for BITOBOX MB	single use security seals, suited for all MB and XL containers sized 800 x 600 mm at the base, tamper evident seals to inhibit theft, 2 security tags required per container, colour: red, other colours upon request	-	MBP1	500	6-10810
В	Security seals, MBP2 - suited for BITOBOX MB	single use security seals, suited for all MB and XL containers sized 800 x 600 mm at the base, tamper evident seals to inhibit theft, 2 security tags required per container, colour: red, messages and customised colours upon request	-	MBP2	500	6-15705
C	Security seals, MBP2-N - suited for BITOBOX MB, XL, SL	single use security seals with continuous numbering, suited for all MB, SL and XL containers sized 800 x 600 mm, colour: red	-	MBP2-N	500	6-19162
D	Locking clips, suited for BITOBOX MB	to lock MB's with hinged two-part lid, can be re-used, colour: red	-	MBV	10	6-20299
<b>B</b>	Easy peel label holders, KFA5	self-adhesive carrier foil for easy removal of stick-on labels from bin and container surfaces	L 230 x W 170	KFA5	100	6-31310
	Easy peel label holders, KFA6		L 165 x W 114	KFA6	100	6-31309
ß	Document pockets,	ideal for frequent exchange of inserts, adhesive fabric backing provides	L 175 x W 105	MBET	10	6-5031
	self-adhesive			MBETDINA5	10	6-19528
	3 sides open	ideal for frequent exchange of inserts, adhesive fabric backing provides strong adhesion, Material PVC, colour transparent	L 210 x W 74	MBETVDA	10	6-31311
G	Document pockets, self-adhesive 2 sides open	slightly shorter ticket holder front allows to easily insert and remove cards, Material vinyl, colour blue	L 145 x W 100	46-21108	25	46-21108
<b>(1)</b>	Document pockets,	document pocket with two self-adhesive strips, also suited for marking	L 155 x W 85	46-21109	25	46-21109
	self-adhesive 1 side open	shelving and racking, durable application to all types of storage and trans- port bins and containers, Material vinyl, colour blue	L 235 x W 170	46-21110	25	46-21110
1	Drop-on lid, for multi-pur- pose containers MB	will cover MB container stacks, can also be used to close individual containers, suited for automated lidding and strap-sealing, individual covers can be nested to save on space, adds 10 mm to container height on all sides	L 800 x W 600	MBS86	1	6-22546
0	Add-on fork entry shoes, for multi-purpose containers MB	easy to mount and to remove, can be easily retro-fitted by bolt-on fitting to double base containers	L 800 x W 600	6-19330	1	6-19330
K	Barcoded security seals, MBP3 - suited for BITOBOX MB and XL 800 x 600 mm	single use security seals with consecutive 8-digit numbering (barcode and human-readable), seals are supplied tied together in pairs with identical numbering, the BITO Smartphone app "Seal & Track" makes reading and transmitting seal numbers easy, custom prints upon request	-	MBP32N	250	6-31550



### **European size stacking containers XL**

## Hardwearing, yet lightweight and manageable in size!

Heavyweight metal containers that are still being used in many sectors are hard to reconcile with the demands of modern production methods. Time has come for organising processes in line with LEAN PRODUCTION principles. Lightweight, yet robust, BITO XL containers with a base dimension of 800x600 mm and various height options perfectly meet the demands of

decreasing batch sizes.





#### 1 base dimension - 5 height options to suit most needs











220 mm

420 mm

520 mm



## European size stacking containers



## European size stacking containers XL with double base

#### with ready-mounted runners

Safe, clean and strong – a valuable asset to production logistics in any sector

- Containers are the size of half a Euro pallet
- Load capacity 200 kg
- Convenient handling with hand pallet truck or forklift truck
- Large volume
- Large grip with rounded hand rest
- Label holder on all four sides
- Colour: blue

**BITO-Plus** 



#### With ready-mounted runners and closed sides

food safe

800 x 600 mm

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	220	762 x 562 x 101	36	200	800	XL86121DKUFE	43-22593
	320	762 x 562 x 201	79	200	800	XL86221DKUFE	43-22605
	420	762 x 562 x 301	121	200	800	XL86321DKUFE	43-20267
	520	762 x 562 x 401	164	200	800	XL86421DKUFE	43-22569
	620	762 x 562 x 501	206	200	800	XL86521DKUFE	43-22585



## European size stacking containers

## European size stacking containers XL with double base

with ready-mounted runners



#### With solid sides, hinged two-part lid and runners

Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	238	762 x 562 x 101	36	200	800	XLD86121DKUFE	43-22619
	338	762 x 562 x 201	79	200	800	XLD86221DKUFE	43-22617
	438	762 x 562 x 301	121	200	800	XLD86321DKUFE	43-20268
	538	762 x 562 x 401	164	200	800	XLD86421DKUFE	43-22618
	638	762 x 562 x 501	206	200	800	XLD86521DKUFE	43-22616



#### With short side pick opening and fork entry shoes

Outside dimensions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	mm	Litres	kg	kg		
800 x 600	420	762 x 562 x 301	459 x 153	121	200	800	XL86324DKufe	43-30249
	520	762 x 562 x 401	459 x 203	164	200	800	XL86424DKufe	43-30250
	620	762 x 562 x 501	459 x 253	206	200	800	XL86524DKufe	43-30251



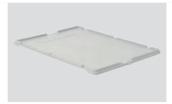
#### With long side pick opening and fork entry shoes

Outside dimensions L x W	Height	Inside dimensions L x W x H	Pick opening W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	mm	Litres	kg	kg		
800 x 600	420	762 x 562 x 301	459 x 153	121	200	800	XL86326DKufe	43-30252
	520	762 x 562 x 401	459 x 203	164	200	800	XL86426DKufe	43-30253
	620	762 x 562 x 501	459 x 253	206	200	800	XL86526DKufe	43-30254

## European size stacking containers



#### **Accessories**







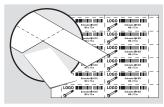
B Security seals



Security seals



Covers for palletised containers



E Labels



Label covers



G Slot-in divider strips



Windows



Barcoded security seals

Pos.	Description		Dimensions	Container type	Pcs/ pack	Ref. no.
			mm			
A	Drop-on lid	will cover container stacks, can also be used to close individual containers	L 800 x W 600	SLS86-46	1	52-30500
В	Security seals	single use security seals, suited for all MB and XL containers sized 800 x 600 mm at the base, tamper evident seals to inhibit theft, 2 security tags required per container, colour: red, messages and customised colours upon request	-	MBP2	500	6-15705
C		single use security seals with continuous numbering, suited for all MB, SL and XL containers sized 800 x 600 mm, colour: red	-	MBP2-N	500	6-19162
D	Covers for palletised containers	cover palletised bins and containers	L 1220 x W 820	PAH12.80	1	9-18421
<b>B</b>	Labels	pre-perforated blank label sheets, ready for direct printing, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack, colour white	W 210 x H 74	46-20778	100	46-20778
ß	Label covers	label holder (PVC) with bent lip allows easy label insertion from the top, suited for all XL and KLT containers	W 209 x H 67	KLT-ET1	10	9-20053
G	Slot-in divider strips	from black PP-RE, flexi dividers are supplied in standard lengths,	L 950 x H 55	SSU55/11	10	43-18419
		can be cut to required length with a saw for wood or metals (addi-	L 950 x H 120	SSU120/11	10	43-18420
		tional charge for ready cut lengths)	L 1150 x H 50	SSU50/5	10	43-18417
			L 1150 x H 80	SSU80/5	10	43-18418
			L 1150 x H 180	SSU180/5	10	7-15509
Ð	Windows	provides protection against dust, made from polycarbonate to	W 460 x H 148	ES8632XL	10	43-20271
		allow instant product viewing, easy product retrieval, permanently	W 460 x H 198	ES8642XL	10	43-22548
		attached to container to avoid risk of loss, can also be opened when containers are stacked	W 460 x H 248	ES8652XL	10	43-30266
<b>D</b>	Barcoded security seals	single use security seals with consecutive 8-digit numbering (barcode and human-readable), seals are supplied tied together in pairs with identical numbering, the BITO Smartphone app "Seal & Track" makes reading and transmitting seal numbers easy, custom prints upon request	-	MBP32N	250	6-31550



## **Heavy duty containers SL**

## The new generation ...

Stock loads as high as 500 kg in a BITOBOX sized 800 x 600 mm!



This heavy duty container series from BITO sets new standards in production, storage and transport logistics.

With an empty weight of 14.5 kg or 18 kg depending on the container height, the BITO SL weighs much less than a traditional wire-mesh box pallet or a steel sheet container, but provides a comparable load capacity.

BITO heavy duty containers are not only great for heavy weight loads. They are also ideal for large size products and goods which must be stored and shipped under absolutely clean and dustfree conditions.



## Heavy duty containers





#### **Product features**



Drop door

Optionally available on short or long side. Jam-free operation due to synchronised hinges. Only one hand needed to close door, also when containers are stacked.



**Double base** 

Welded sandwich construction for high load capacities. Version for automated bin storage (flat base, no runners) can be supplied upon request.



**Runners** 

Suited for fork lift truck or hand pallet truck handling. Easy to mount and to remove. Convenient in-house transfer with a hand pallet truck or a container dolly. Can also be handled on powered and gravity-driven conveyors.



**Dual colour design** 

Colour coding for easy stock identification: corner uprights can be supplied in various colours – ask for minimum order quantity.



Plenty of space for your company logo

Choose from various marking methods: injection moulding – pad print – screen print.



#### Lid options:

Hinged lid: firm fit, can be strap-sealed and security-sealed.

Drop-on lid: perfect protection against soiling, easy drop-on fitting and removal (supplied upon request).



#### Optimum container size

The trend towards reduced batch sizes demands smaller bulk storage containers. Advantage: more items can be stored on the same floor space.



Stacks up to 1500 kg

Safe stacking – even when fully loaded, static stacking load: 1500 kg, dynamic stacking load: 1000 kg



Light weight champion

Weighs much less than a same size metal container, but with similar load capacity



Clean and safe

Smooth internal sides allow easy cleaning, completely closed construction is ideal for storing and transporting liquids in jerrycans and drums.



Optionally with transport trolley ideal for in-house handling.



## **Heavy duty containers SL**

Designed for premium performance – 500 kg load capacity

- Containers are the size of half a Euro pallet
- Load capacity 500 kg
- Static stacking load 1500 kg
- Dynamic stacking load 1000 kg
- Products are kept clean and safe in line with modern production principles
- Colour: grey









800 x 600 mm

#### With solid sides

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	520	739 x 539 x 373	145	500	1500	SL86421K	52-30342
	720	739 x 539 x 573	223	500	1500	SL86621K	52-30343



#### With hinged two-part lid

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	541	739 x 539 x 373	145	500	1500	SLD86421K	52-30368
	741	739 x 539 x 573	223	500	1500	SLD86621K	52-30369

# Heavy duty containers







Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	520	739 x 539 x 373	145	500	1500	SL86426K	52-30364
	720	739 x 539 x 573	223	500	1500	SL86626K	52-30365



### With short side pick opening

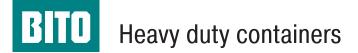
Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	520	739 x 539 x 373	145	500	1500	SL86424K	52-30354
	720	739 x 539 x 573	223	500	1500	SL86624K	52-30355



#### With half-drop door on the long side

Anti-jam half-drop door

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	520	739 x 539 x 373	145	500	1500	SLK86426K	52-30366
	720	739 x 539 x 573	223	500	1500	SLK86626K	52-30367



### **Heavy duty containers SL**

with ready-mounted runners



#### With half-drop door on the short side

Anti-jam half-drop door

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	520	739 x 539 x 373	145	500	1500	SLK86424K	52-30356
	720	739 x 539 x 573	223	500	1500	SLK86624K	52-30357



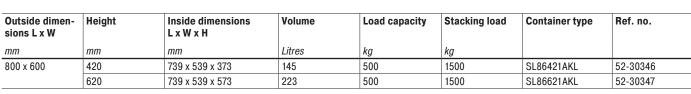
#### With half-drop door on the short side and with hinged two-part lid

Anti-jam half-drop door

Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	541	739 x 539 x 373	145	500	1500	SLDK86424K	52-30370
	741	739 x 539 x 573	223	500	1500	SLDK86624K	52-30371

#### Without fork entry shoes to suit automated storage

This container model is not stackable





#### **Accessories**







B Label holders



Document pockets



Slot-in divider strips



Intermediate drop-in-layers



Anti-slip matting



G Hand pallet trucks



Transport dolly

Pos.	Description		Dimensions	Container type	Pcs/ pack	Ref. no.
			mm			
A	Drop-on lid	will cover container stacks, can also be used to close individual containers	L 800 x W 600	SLS86-46	1	52-30500
B	Label holders	welded to container by manufacturer, protection for shipping docu-	W 240 x H 80	SL-ET1	1	52-30386
		ments and stock identification cards	W 240 x H 168	SL-ET2	1	52-30387
C	Document pockets,	ideal for frequent exchange of inserts, adhesive fabric backing	L 175 x W 105	MBET	10	6-5031
	self-adhesive 3 sides open	provides strong adhesion, colour transparent	L 210 x W 148	MBETDINA5	10	6-19528
D	Slot-in divider strips,	on black i ita, and it could interest as required, can	L 724 x W 10 x H 120	52-30383	10	52-30383
	front to back	be cut to required length with a saw for wood or metals (additional	L 724 x W 5 x H 180	52-30385	10	52-30385
	Slot-in divider strips,	charge for ready cut lengths)	L 524 x W 10 x H 120	52-30382	10	52-30382
	side to side		L 524 x W 5 x H 180	52-30384	10	52-30384
<b>3</b>	Intermediate drop-in- layers, for heavy duty containers SL	allow to store products in several layers in one and the same container	L 724 x W 524	52-30381	1	52-30381
3	Anti-slip matting, for heavy duty containers SL	will protect container base from damage by rough infeeding of items	L 720 x W 520 x H 8	52-30380	10	52-30380
G	Hand pallet trucks	fork length 600 mm, width over forks 520 mm, load capacity 2000 kg, swivel castors and load rollers from polyurethane	L 600 x W 150	52-30379	1	52-30379
Ð	Transport dolly, for containers sized 800 x 600 mm	supplied with 2 swivel and 2 fixed castors, suited for containers sized 800 x 600 mm, made from polypropylene	L 800 x W 600	RU86.125	1	43-1150



## **Pallet boxes**

Heavy duty container in European pallet size and industry pallet size

- Load capacity 500 kg
- Large volume
- Made from PE-HD = long service life, 100% recyclable
- Double-walled, closed sides
- **Extremely strong**
- Easy-to-clean inside shape and surfaces
- Reinforcing corner profiles enable safe stacking
- Drainage holes in the sides and the base
- Optionally available with long side pick opening
- Optionally with 4 feet, 4 castors or
- Solid, injection-moulded lid (see accessories)







Description	Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
	mm	mm	mm	Litres	kg	kg		
with 4 feet	1200 x 800	760	1100 x 710 x 610	535	500	4500	PC1871	7-11269
without drop door	1200 x 1000	760	1100 x 910 x 610	670	500	4500	PC1171	7-11276
with 4 castors	1200 x 800	915	1100 x 710 x 610	535	500	500	PCR1871	7-12933
without drop door	1200 x 1000	915	1100 x 910 x 610	670	500	500	PCR1171	7-12935
with 3 runners	1200 x 800	790	1100 x 710 x 610	535	500	4500	PC1873	7-15513
without drop door	1200 x 1000	790	1100 x 910 x 610	670	500	4500	PC1173	7-11280
with 4 feet	1200 x 800	760	1100 x 710 x 610	535	500	4500	PC1874	7-11270
long side pick opening 735 x 310 mm	1200 x 1000	760	1100 x 910 x 610	670	500	4500	PC1174	7-11277

#### **Accessories**



A Drop-on lid

Pos.			To suit containers sized L x W	Container type	Ref. no.
			mm		
A	Drop-on lid	reliable protection against soiling, individual covers can be nested to save	1200 x 800	PD800	7-11282
		on space	1200 x 1000	PD1000	7-11283

# Large volume nesting and folding containers



# **Folding pallet boxes**

## with 2 runners and 2 feet

Sturdy and functional make guarantees highest levels of efficiency and safety in transportation

- Also suited for storage in high bay racking
- Good travel characteristics on powered conveyors
- Drop doors at the long and the short side
- Hardwearing, easy-to-exchange closure
- Convenient handling and easy cleaning
- Container base with 4 drainage holes Ø 20 mm
- Folded height 460 mm only











### With 2 runners and 2 feet

Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Proper weight	Container type	Colour	Ref. no.
mm	mm	mm	Litres	kg	kg	kg			
1200 x 800	950	1120 x 720 x 765	620	500	2000	55.00	PK188	grey	7-15512

## **Accessories**



Pos.	Description	To suit con sized L x W		Container type	Ref. no.
			mm		
A	Lids	reliable protection against soiling	1200 x 800	PKD800	7-15511



# Large volume nesting and folding containers

# Folding bulk containers

Protect your goods from dust and dirt during storage and transport!

- 3-part system = pallet + sides + lid
- Picking flap on the long side
- Very strong foldable side construction from impactresistant plastic
- Supplied with 9 feet each
- Considerable reduction in volume when empty (folded height about 250 mm, volume savings up to 77%)
- Low proper weight
- Easy to handle
- 100% recyclable
- Application of customer specific logos and custom prints possible
- Containers with fork entry shoes upon request





Considerable reduction in volume when empty



Description	Outside dimensions L x W	Height	Inside dimensions L x W x H	Volume	Stacking load	Load capacity	Container type	Ref. no.
	mm	mm	mm	Litres	kg	kg		
with feet	1200 x 800	885	1155 x 755 x 725	606	1000	1200	BMD1280S	7-20050
					500	1200	BMD1280	7-20047
	1245 x 845	855	1200 x 800 x 695	667	1000	1200	BMD1280IS	7-20051
					500	1200	BMD1280I	7-20048
with ready-mounted	1200 x 1000	1090	1160 x 960 x 925	1030	1000	1200	BMD1210S	7-20052
runners					500	1200	BMD1210	7-20049



# Plastic pallets

The modern alternative to wooden pallets

- All pallets from recycling material
- Available as stackable or nestable version











B Display pallets K9



Light duty pallets K8 with feet, nestable



D Heavy duty pallets K2 with feet, nestable



Pallets K6 with runners, stackable



Pallets K1 with runners, stackable

Pos.	Outside dimensions L x W	Height	Static load capacity	Dynamic load capacity	Load cap. rack	Description	Colour	Ref. no.	Pack quantity
	mm	mm	kg	kg	kg				
A	600 x 400	150	500	200		without retaining lip	black	7-30291	30 pcs
B	800 x 600	115	1000	500		without retaining lip	black	7-20038	30 pcs
C	1200 x 800	155	2500	1000		deck with load retaining lip	grey	7-20039	40 pcs
	1200 x 1000	155	2500	1000		deck with load retaining lip	grey	7-20040	40 pcs
D	1200 x 800	145	4000	1200		without retaining lip	black	7-20041	40 pcs
	1200 x 1000	145	4000	1200		without retaining lip	black	7-20042	40 pcs
<b>(3</b> )	1200 x 800	150	6000	2500	500	without retaining lip	grey	7-20043	20 pcs
•	1200 x 1000	150	5000	1500	400	without retaining lip	grey	7-20044	20 pcs
F	1200 x 800	155	7500	2500	1250	deck with load retaining lip	grey	7-20045	20 pcs
•	1200 x 1000	155	7500	2500	1250	deck with load retaining lip	grey	7-20046	20 pcs



# BITO plastic bins and containers

- designed for use in storage, distribution and assembly environments

> Less packaging waste, lower storage and freight costs, easy handling, a robust make, a broad range of models and variations, ergonomic design and a 5 year assurance on quality and function are just some of the benefits provided by a BITOBOX.

BITO provides an impressive range of bins and containers for any application - from bins and containers for storage and order picking over various stacking container series in European standard sizes, multi-purpose containers, bins and trays for automated small parts facilities to pallet containers.





#### Your benefits

- Great for distribution and transport, storage and order picking
- Particularly hard-wearing and durable
- Safe stacking
- Wide range of accessories
- Customised solutions
- Company logos and messages can be applied by screen print, pad print or hot stamping
- Electro-conductive version upon request
- Ecologically responsible, as containers can be recycled

## Designed for use on conveyors...



## ...in shelving and racking



## ...in the order picking process



## ...in distribution chains



## ...in assembly areas



)

Further information on this product is provided in our catalogue **PROJECT GUIDE** which is available free of charge. To obtain your copy please send us an email to info@bito.com





# Whatever your requirements are...







BITO shelving and racking systems are manufactured in our plant at Meisenheim - for load capacities between 50 to 4500 kg per storage level, for small, large, light weight, heavy weight, bulky and long goods, for use as stand-alone bays as well as in multi-tier facilities.

BITO shelving and racking is made with the latest state-ofthe-art technology. The high degree of automation such as in the steel bending process makes sure that all products are absolutely true to size and of a consistent quality. Moreover, professional production planning and tool engineering, optimised manufacturing processes and a competent order management guarantee efficient lead times.

BITO will be pleased to assist you in choosing the optimum solution!

**Please note:** This racking system has been designed for in-door use only. The indicated load capacities are not valid for earthquake hazard zones. If your storage and order picking facility is intended for use in a seismic hazard zone, please inform BITO in advance!



# ...BITO provides a solution to suit you!





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# Shelving & Racking



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# **Boltless shelving**

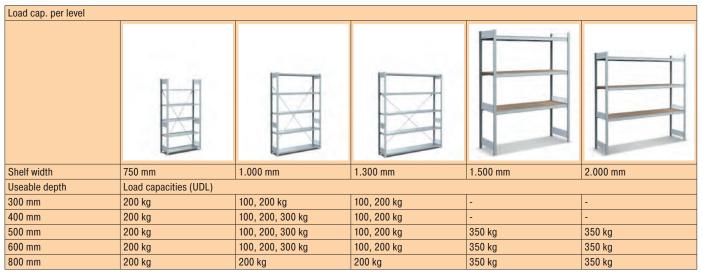
# Neat product presentation in office and workshop environments

BITO Shelving provides utmost versatility as it adapts to any location. Assembly is fast and easy without nuts and bolts and can be done by anyone as no special skills are required. The modular system allows the addition of extra shelves and bays as needed.

BITO shelving comes with a very broad range of accessories to suit any environment and industry. The robust make also allows for multi-tier installations. Please contact our sales team to discuss your requirements.

**Please note:** This racking system has been designed for in-door use only. The indicated load capacities are not valid for earthquake hazard zones. If your storage and order picking facility is intended for use in a seismic hazard zone, please inform BITO in advance!





Max. shelf/bay loads									
Shelving type	EL (starting on page 124)	L (starting on page 126)		Shelving with extra large shelves (starting on page 130)					
Max. shelf load	100 kg	100 kg	200 / 300 kg	350 kg					
Max. bay load	800 kg	1.300 kg	1.600 kg	1.600 kg					

# **Shelving**

# Shelving

## Quick and easy to assemble in just a few steps



Scan this QR code: Instructions on assembly and use for boltless shelving www.bito.com/downloads











## **Uprights**

- High load capacities are achieved through precision steel bending to ensure sufficient rigidity for realising shelving heights of up to 10 metres.
- Slim 50 mm profiles contribute to maximum space utilisation.



#### **Frames**

- Easy boltless assembly on site for perfect adaptation to your location.
- Level spacing can be adjusted in 25 mm increments to suit your needs.



#### **Beams**

- Beams and uprights form a solid force-fit connection that provides excellent lateral stability. The three location hooks of each beam connector conveniently slot into the upright perforations.
- Safety pins prevent that the beam is accidentally dislodged.



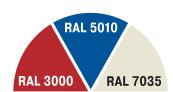
### **Shelves**

- Solid shelves with shelf clips - Our shelves feature box-profiled edges at the long sides and triple edge bending at the short sides.
- Reinforcing lengthwise beads and pressure joined corners ensure excellent stability.
- All shelves are perforated to accommodate shelf dividers.

## i BITO info

#### Epoxy-coating

At a small extra charge, frame uprights can be supplied with a high-quality epoxy coated finish in RAL 3000 Flame red, RAL 5010 Gentian blue and RAL 7035 Light grey!



Guide to planning your shelving installation:

**Nominal dimensions:** Shelf lengths: 750, 1000 and 1300 mm Shelving depths:

324, 424, 524, 624 and 824 mm Shelf depths: 300, 400, 500, 600 and 800 mm Space utilisation: Length of starter bay: Nominal shelf length + 58 mm Length of extension bay: Nominal shelf length + 8 mm Shelving depth of starter and extension bay: Nominal size + 24 mm

## Office shelving

# single sided use, RAL 7035 Light grey

Ideal for office environments!

■ Shelf load: 50 kg

Bay load: 500 kg

- Extensions possible at any time
- Shelf levels adjustable in 25 mm increments
- Frames and shelves are epoxy-coated in light grey, RAL 7035
- Fast and easy mounting through pre-assembled frames saves time



#### Set offer including 1 starter bay and 1 extension bay

supplied with 12 shelves for 144 lever arch files

H x L x D: 2200 x 2066 x 324 mm

Ref. no. 10-33516



Length of	Length of
starter bay	extension bay
1058 mm	1008 mm
808 mm	758 mm

					Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Shelf width	File capacity	Ref. no.	Ref. no.
mm		mm	mm	mm			
1850	5	324	300	750 mm	45	10-33500	10-33508
				1000 mm	60	10-33501	10-33509
2200	6			750 mm	54	10-33502	10-33510
				1000 mm	72	10-33503	10-33511
2500	7			750 mm	63	10-33504	10-33512
				1000 mm	84	10-33505	10-33513
3000	8			750 mm	72	10-33506	10-33514
				1000 mm	96	10-33507	10-33515

## **Accessories**







Additional shelves

B Full sheet dividers

Side protection

Pos.	Description		For a shelf length of	For a shelving depth of	Ref. no.
			mm	mm	
A	Additional shelves	load capacity 50 kg, RAL 7035 Light grey, shelf height 25 mm, ultra flat shelves	750	300	10-33550
•	help you make the most of your storage space, supplied with 4 shelf clips	1000	300	10-33551	
B	Full sheet dividers	slide-on fitting, RAL 7035 Light grey, stand-alone, can be positioned anywhere along the shelf length, can be fitted to office and archive shelving with 25 mm high shelves	-	300	10-33554
G	Side protection	prevents objects from falling at the shelving sides, particularly suited for office and archive shelving, boltless assembly, easy fixing to frame with 4 plastic rivets included in the delivery, can be retro-fitted, galvanised finish	-	300	10-39881



More accessories from page 154

# Office and archive shelving



# Office shelving

# double sided use, RAL 7035 Light grey

Neat product presentation in office and workshop environments

■ Shelf load: 100 kg■ Bay load: 800 kg

Extensions possible at any timeShelf levels adjustable in 25 mm

increments

■ Frames, beams and shelves are epoxycoated in light grey, RAL 7035

■ Fast and easy mounting through pre-assembled frames saves time



Length of starter bay extension bay 1058 mm 1008 mm 758 mm



# Set offer including 1 starter bay and 1 extension bay

supplied with 12 shelves for 288 lever arch files

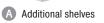
H x L x D: 2200 x 2066 x 624 mm Ref. no. 10-33533



					Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Shelf width	File capacity	Ref. no.	Ref. no.
mm		mm	mm	mm			
1850	5	624	600	750 mm	90	10-33517	10-33525
				1000 mm	120	10-33518	10-33526
2200	6			750 mm	108	10-33519	10-33527
				1000 mm	144	10-33520	10-33528
2500	7			750 mm	126	10-33521	10-33529
				1000 mm	168	10-33522	10-33530
3000	8			750 mm	144	10-33523	10-33531
				1000 mm	192	10-33524	10-33532

#### **Accessories**











Side protection

Pos.	Description			For a shelving depth of	Ref. no.
			mm	mm	
A	Additional shelves	load capacity 200 kg, shelf height 40 mm, with shelf perforations for dividers, supplied with 4 shelf clips	750	600	10-33552
		with shelf perforations to slot in dividers, RAL 7035 Light grey, load capacity 100 kg, shelf height 40 mm, with shelf perforations for dividers, supplied with 4 shelf clips	1000	600	10-33553
B	Centre rails	for double sided use, slot-in fitting into shelf perforations, suited for office and	750	600	10-26678
	archive shelving, galvanised	1000	600	10-6638	
G	Side protection	prevents objects from falling at the shelving sides, particularly suited for office and archive shelving, boltless assembly, easy fixing to frame with 4 plastic rivets included in the delivery, can be retro-fitted, galvanised finish	-	600	10-39884



More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164

## **Archive shelving**

## single sided use, galvanised finish

Everything in its right place!

■ Shelf load: 50 kg Bay load: 500 kg

Fast and easy assembly without bolts saves time

Extensions possible at any time

Shelf levels adjustable in 25 mm increments



#### Set offer including 1 starter bay and 1 extension bay

supplied with 12 shelves for 144 lever arch files

H x L x D: 2200 x 2066 x 324 mm

Ref. no. 10-12796



Length of starter bay	Length of extension bay
1058 mm 808 mm	1008 mm 758 mm

					Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Shelf width	File capacity	Ref. no.	Ref. no.
mm		mm	mm	mm			
1850	5	324	300	750 mm	45	10-26850	10-26854
				1000 mm	60	10-12640	10-12641
2200	6			750 mm	54	10-26851	10-26855
				1000 mm	72	10-12644	10-12645
2500	7			750 mm	63	10-26852	10-26856
				1000 mm	84	10-12648	10-12649
3000	8			750 mm	72	10-26853	10-26857
				1000 mm	96	10-12652	10-12653

#### **Accessories**



Pos.	Description		For a shelf length of	For a shelving depth of	Ref. no.
			mm	mm	
A	Additional shelves	load capacity 50 kg, galvanised, shelf height 25 mm, ultra flat shelves help you	750	300	10-26399
		make the most of your storage space, supplied with 4 shelf clips	1000	300	10-5706
В	Full sheet dividers	slide-on fitting, galvanised, stand-alone, can be positioned anywhere along the shelf length, can be fitted to office and archive shelving with 25 mm high shelves	-	300	10-6554
9	Side protection	prevents objects from falling at the shelving sides, particularly suited for office and archive shelving, boltless assembly, easy fixing to frame with 4 plastic rivets included in the delivery, can be retro-fitted, galvanised finish	-	300	10-39881



More accessories from page 154

# Office and archive shelving



## **Archive shelving**

## double sided use, galvanised finish

Everything in its right place!

■ Shelf load: 100 kg■ Bay load: 800 kg

■ Fast and easy assembly without bolts saves time

Extensions possible at any time

■ Shelf levels adjustable in 25 mm increments



# Set offer including 1 starter bay and 1 extension bay

supplied with 12 shelves for 288 lever

H x L x D: 2200 x 2066 x 624 mm

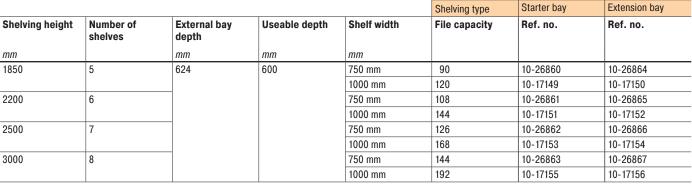
Ref. no. 10-17148



Length	
starter l	bay
1058 m	m

808 mm





#### **Accessories**







A Additional shelves

B Centre rails

Side protection

Pos.	Description		For a shelf length of	For a shelving depth of	Ref. no.
			mm	mm	
A	Additional shelves	load capacity 200 kg, shelf height 40 mm, with shelf perforations for dividers, supplied with 4 shelf clips	750	600	10-26843
		load capacity 100 kg, shelf height 40 mm, with shelf perforations for dividers, supplied with 4 shelf clips	1000	600	10-17066
ß	Centre rails	for double sided use, slot-in fitting into shelf perforations, suited for office and	750	600	10-26678
	archive shelving, galvanised	1000	600	10-6638	
G	Side protection	prevents objects from falling at the shelving sides, particularly suited for office and archive shelving, boltless assembly, easy fixing to frame with 4 plastic rivets included in the delivery, can be retro-fitted, galvanised finish	-	600	10-39884



More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164

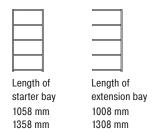
# Light duty shelving type EL - shelf load 100 kg

galvanised finish, bay load 800 kg

Easy to assemble, functional and versatile

- Shelf load: 100 kg Bay load: 800 kg
- Fast and easy assembly without bolts saves time
- Extensions possible at any time
- Shelf levels adjustable in 25 mm increments
- Optimum subdivision of shelf space with dividers that slot into the shelf perforations on the long sides







#### Set offer including 1 starter bay and 1 extension bay

supplied with 5 shelves each H x L x D: 2000 x 2066 x 524 mm Ref. no. 10-39430

			Shelf width	1000 mm		1300 mm	
			Shelving type	Starter bay	Extension bay	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	5	324	300	10-17024	10-17029	10-17034	10-17039
		424	400	10-17025	10-17030	10-17035	10-17040
		524	500	10-17026	10-17031	10-17036	10-17041
		624	600	10-17027	10-17032	10-17037	10-17042
2500	6	324	300	10-17044	10-17049	10-17054	10-17059
		424	400	10-17045	10-17050	10-17055	10-17060
		524	500	10-17046	10-17051	10-17056	10-17061
		624	600	10-17047	10-17052	10-17057	10-17062

**TOP SELLER** 10-39430

# **Accessories** A Additional shelves

<b>→</b>
----------

More accessories from page 154

			Shelf width	1000 111111	1300 11111
Pos.	Description	Description F		Ref. no.	Ref. no.
			mm		
A	Additional shelves	load capacity 100 kg, shelf	300	10-17064	10-17069
	height 40 mm, with shelf		400	10-17065	10-17070
		perforations for dividers, supplied with 4 shelf clips	500	10-16963	10-17071
		Supplied with 4 shell dips	600	10-17066	10-17072









## Uprights epoxy-coated in RAL 3000 Flame red, other shelving components galvanised

**RAL 3000** 

			Shelf width	1000 mm	
			Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.
mm		mm	mm		
2000	5	324	300	10-16974	10-16979
		424	400	10-16975	10-16980
		524	500	10-16976	10-16981
		624	600	10-16977	10-16982
2500	6	324	300	10-17004	10-17009
		424	400	10-17005	10-17010
		524	500	10-17006	10-17011
		624	600	10-17007	10-17012

## Uprights epoxy-coated in RAL 5010 Gentian blue, other shelving components galvanised

**RAL 5010** 

			Shelf width	1000 mm		
			Shelving type	Starter bay	Extension bay	
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	
mm		mm	mm			
2000	5	324	300	10-16964	10-16969	
		424	400	10-16965	10-16970	
		524	500	10-16966	10-16971	
		624	600	10-16967	10-16972	
2500	6	324	300	10-16994	10-16999	
			424	400	10-16995	10-17000
			524	500	10-16996	10-17001
		624	600	10-16997	10-17002	

# Uprights epoxy-coated in RAL 7035 Light grey, other shelving components galvanised

**RAL 7035** 

			Shelf width	1000 mm	
			Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.
mm		mm	mm		
2000	5	324	300	10-16984	10-16989
		424	400	10-16985	10-16990
		524	500	10-16986	10-16991
		624	600	10-16987	10-16992
2500	6	324	300	10-17014	10-17019
		424	400	10-17015	10-17020
		524	500	10-17016	10-17021
		624	600	10-17017	10-17022

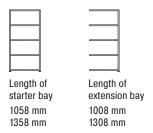
Ideal for light weight duties

■ Shelf load: 100 kg

Bay load: 1300 kg - 1600 kg

- Fast and easy assembly without bolts saves time
- Extensions possible at any time
- Shelf levels adjustable in 25 mm increments
- Optimum subdivision of shelf space with dividers that slot into the shelf perforations on the long sides







#### Set offer including 1 starter bay and 1 extension bay

supplied with 5 shelves each
H x L x D: 2000 x 2066 x 524 mm

Ref. no. 10-39431



#### **Extension bay**

with 5 shelves H x L x D: 2000 x 1008 x 524 mm Ref. no. 10-17181

				Shelf width	1000 mm		1300 mm	
				Shelving type	Starter bay	Extension bay	Starter bay	Extension bay
Shelving height	Bay load	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm	kg		mm	mm				
2000	1300	5	324	300	10-17174	10-17179	10-17184	10-17189
			424	400	10-17175	10-17180	10-17185	10-17190
			524	500	10-17176	10-17181	10-17186	10-17191
			624	600	10-17177	10-17182	10-17187	10-17192
2500	1430	6	324	300	10-17194	10-17199	10-17204	10-17209
			424	400	10-17195	10-17200	10-17205	10-17210
			524	500	10-17196	10-17201	10-17206	10-17211
			624	600	10-17197	10-17202	10-17207	10-17212
3000	1600	7	324	300	10-17214	10-17219	10-17224	10-17229
			424	400	10-17215	10-17220	10-17225	10-17230
			524	500	10-17216	10-17221	10-17226	10-17231
			624	600	10-17217	10-17222	10-17227	10-17232

# Accessories



→

More accessories from page 154

			Shelf width	1000 mm	1300 mm
Pos.	Description		For a shelving depth of	Ref. no.	Ref. no.
			mm		
A	Additional shelves	load capacity 100 kg, shelf	300	10-17064	10-17069
	height 40 mm, with shelf		400	10-17065	10-17070
		perforations for dividers, supplied with 4 shelf clips	500	10-16963	10-17071
		Supplied with 4 shell clips	600	600 10-17066	10-17072

# Medium duty shelving type M - shelf load 200 kg galvanised finish

Our versatile range for medium weight duties

■ Shelf load: 200 kg

Bay load: 1300 - 1600 kg

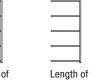
Fast and easy assembly without bolts saves time

Extensions possible at any time

Shelf levels adjustable in 25 mm increments

Optimum subdivision of shelf space with dividers that slot into the shelf perforations on the long sides





Length of extension bay starter bay 1058 mm 1008 mm



#### Set offer including 1 starter bay and 1 extension bay

Shelf width

1000 mm

supplied with 5 shelves each H x L x D: 2000 x 2066 x 524 mm Ref. no. 10-39432



#### **Extension bay**

with 5 shelves H x L x D: 2000 x 1008 x 524 mm Ref. no. 10-17091

1300 mm

1358 mm 1308 mm				Sileli Widili	1000 11111		1300 11111	1300 111111			
				Shelving type	Starter bay	Extension bay	Starter bay	Extension bay			
Shelving height	Bay load	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.			
mm	kg		mm	mm							
2000 1	1300	5	324	300	10-17084	10-17089	10-17094	10-17099			
			424	400	10-17085	10-17090	10-17095	10-17100			
			524	500	10-17086	10-17091	10-17096	10-17101			
			624	600	10-17087	10-17092	10-17097	10-17102			
			824	800	10-17088	10-17093	10-17098	10-17103			
2500	1430	6	324	300	10-17104	10-17109	10-17114	10-17119			
			424	400	10-17105	10-17110	10-17115	10-17120			
			524	500	10-17106	10-17111	10-17116	10-17121			
			624	600	10-17107	10-17112	10-17117	10-17122			
			824	800	10-17108	10-17113	10-17118	10-17123			
3000	1600	7	324	300	10-17124	10-17129	10-17134	10-17139			
			424	400	10-17125	10-17130	10-17135	10-17140			
			524	500	10-17126	10-17131	10-17136	10-17141			
			624	600	10-17127	10-17132	10-17137	10-17142			
			824	800	10-17128	10-17133	10-17138	10-17143			

## **Accessories**



	<b>→</b>	
H		

More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164

			Shelf width	1000 mm	1300 mm
Pos.	Description		For a shelving depth of	Ref. no.	Ref. no.
			mm		
A	Additional shelves	load capacity 200 kg, shelf	300	10-17074	10-17079
		height 40 mm, with shelf	400	10-17075	10-17080
		perforations for dividers, supplied with 4 shelf clips	500	10-17076	10-17081
		Supplied With 4 Shell Olips	600	10-17077	10-17082
			800	10-17078	10-17083

# Heavy duty shelving type S - shelf load 300 kg

galvanised finish

Our heavy duty option

- Shelf load: 300 kg
- Bay load: 1300 1600 kg
- Fast and easy assembly without bolts saves time
- Extensions possible at any time
- Shelf levels adjustable in 25 mm increments
- Optimum subdivision of shelf space with dividers that slot into the shelf perforations on the long sides



See our wide range of bins & containers from page 16





Length of starter bay

1058 mm

Length of extension bay 1008 mm

#### Set offer including 1 starter bay and 1 extension bay

supplied with 5 shelves each H x L x D: 2000 x 2066 x 524 mm

Ref. no. 10-39433

#### Extension bay

with 5 shelves H x L x D: 2000 x 1008 x 524 mm Ref. no. 10-17591

				Shelf width	1000 mm	
				Shelving type	Starter bay	Extension bay
Shelving height	Bay load	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.
mm	kg		mm	mm		
2000	1300	5	424	400	10-17588	10-17589
			524	500	10-17590	10-17591
			624	600	10-17592	10-17593
2500	1430	6	424	400	10-17594	10-17595
			524	500	10-17596	10-17597
			624	600	10-17598	10-17599
3000	1600	7	424	400	10-18116	10-18119
			524	500	10-18117	10-18120
			624	600	10-18118	10-18121

#### **Accessories**



**→** 

More accessories from page 154

			Shelf width	1000 mm
Pos.	Description		For a shelving depth of	Ref. no.
			mm	
A	Additional shelves	load capacity 300 kg, shelf height	400	10-17584
	40 mm, with shelf perforations to		500	10-17585
		dividers, supplied with 4 shelf clips	600	10-17586



# **Shelving with extra large shelves**







# Shelving with extra large chipboard shelves

galvanised finish

Odd-shaped goods? This is your shelving!

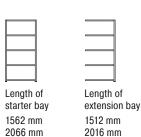
- Shelf load: 350 kg
- Bay load: max. 1600 kg
- Excellent price-performance ratio
- Easy assembly without bolts saves time
- Levels adjust in height on a 25 mm pitch
- Easy order picking as chipboard decking sits flush with the upper edge of the stepped beams



Set offer including 1 starter bay and 1 extension bay:

supplied with 2 shelf levels each H x L x D: 2000 x 4082 x 624 mm Ref. no. 47-44380





			Shelving type	Starter bay	Extension bay	Starter bay	Extension bay
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	3	524	500	10-13483	10-13519	10-13501	10-15537
		624	600	10-13486	10-13522	10-13504	10-13540
		824	800	10-13489	10-13525	10-13507	10-13543
2500	4	524	500	10-13492	10-13528	10-13510	10-13546
		624	600	10-13495	10-15531	10-13513	10-13549
		824	800	10-13498	10-15534	10-13516	10-13552

1500 mm

Bay width

## **Accessories**



A Additional shelf levels

**→** 

More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164

2000 mm

Pos.	Description		For a bay width of	For a shelving depth of	Ref. no.
			mm	mm	
A	Additional levels	for shelving with extra large chipboard shelves, supplied with 2 galvanised	1500	500	10-13555
		beams with support bars and, depending on the bay width, 3 or 4 chipboard		600	10-13556
		panels		800	10-13557
			2000	500	10-13558
				600	10-13559
				800	10-13560





## Uprights epoxy-coated in RAL 3000 Flame red, other shelving components galvanised

**RAL 3000** 

			Bay width	1500 mm		2000 mm	
			Shelving type	Starter bay	Extension bay	Starter bay	Extension bay
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	3	524	500	10-13485	10-13521	10-13503	10-13539
		624	600	10-13488	10-13524	10-13506	10-13542
		824	800	10-13491	10-13527	10-13509	10-13545
2500	4	524	500	10-13494	10-15530	10-13512	10-13548
		624	600	10-13497	10-15533	10-13515	10-13551
		824	800	10-13500	10-15536	10-13518	10-13554

## Uprights epoxy-coated in RAL 5010 Gentian blue, other shelving components galvanised

**RAL 5010** 

			Bay width	1500 mm		2000 mm	2000 mm	
			Shelving type	Starter bay	Extension bay	Starter bay	Extension bay	
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.	
mm		mm	mm					
2000	3	524	500	10-13484	10-13520	10-13502	10-13538	
		624	600	10-13487	10-13523	10-13505	10-13541	
		824	800	10-13490	10-13526	10-13508	10-13544	
2500	4	524	500	10-13493	10-15529	10-13511	10-13547	
		624	600	10-13496	10-15532	10-13514	10-13550	
		824	800	10-13499	10-15535	10-13517	10-15553	

## Uprights epoxy-coated in RAL 7035 Light grey, other shelving components galvanised

**RAL 7035** 

			Bay width 1500 mm		2000 mm	2000 mm		
			Shelving type	Starter bay	Extension bay	Starter bay	Extension bay	
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.	
mm		mm	mm					
2000	2000	3	524	500	10-15767	10-15779	10-15773	10-15785
		624	600	10-15768	10-15780	10-15774	10-15786	
		824	800	10-15769	10-15781	10-15775	10-15787	
2500	4	524	500	10-15770	10-15782	10-15776	10-15788	
		624	600	10-15771	10-15783	10-15777	10-15789	
		824	800	10-15772	10-15784	10-15778	10-15790	



# **Shelving with extra large steel shelves**

galvanised finish

Great for goods which need some more space!

- Shelf load: 350 kg
- Bay load: max. 1600 kg
- Excellent price-performance ratio
- **■** Easy assembly without bolts saves time
- Levels adjust in height on a 25 mm pitch
- Easy order picking as steel panels sit flush with the upper edge of the stepped beams



Set offer including 1 starter bay and 1 extension bay:

supplied with 2 shelf levels each H x L x D:  $2000 \times 4082 \times 624$  mm Ref. no. 47-44420



Length of	Length of
starter bay	extension bay
1562 mm	1512 mm
2066 mm	2016 mm

			Bay width	1500 mm		2000 mm	
			Shelving type	Starter bay	Extension bay	Starter bay	Extension bay
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	3	524	500	10-27100	10-27112	10-16428	10-16432
		624	600	10-27101	10-27113	10-16436	10-16440
		824	800	10-27102	10-27114	10-16444	10-16448
2500	4	524	500	10-27124	10-27136	10-16455	10-16459
		624	600	10-27125	10-27137	10-16463	10-16467
		824	800	10-27126	10-27138	10-16471	10-16475

#### **Accessories**



**→** 

More accessories from page 154

Pos. Description		escription		For a shelving depth of	Ref. no.
			mm	mm	
A	Additional shelf levels	3	1500	500	10-27148
		with adapters and 2 steel panels		600	10-27149
				800	10-27150
			2000	500	10-16425
				600	10-16426
				800	10-16427





## Uprights epoxy-coated in RAL 3000 Flame red, other shelving components galvanised

**RAL 3000** 

			Bay width	1500 mm		2000 mm	
Shelving type Starter ba		Starter bay	Extension bay	Starter bay	Extension bay		
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	3	524	500	10-27106	10-27118	10-16430	10-16434
		624	600	10-27107	10-27119	10-16438	10-16442
		824	800	10-27108	10-27120	10-16446	10-16450
2500	4	524	500	10-27130	10-27142	10-16457	10-16461
		624	600	10-27131	10-27143	10-16465	10-16469
		824	800	10-27132	10-27144	10-16473	10-16477

## Uprights epoxy-coated in RAL 5010 Gentian blue, other shelving components galvanised

**RAL 5010** 

			Bay width	1500 mm		2000 mm	
	Shelving type Starter bay Extension bay		Extension bay	Starter bay	Extension bay		
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	3	524	500	10-27103	10-27115	10-16429	10-16433
		624	600	10-27104	10-27116	10-16437	10-16441
		824	800	10-27105	10-27117	10-16445	10-16449
2500	4	524	500	10-27127	10-27139	10-16456	10-16460
		624	600	10-27128	10-27140	10-16464	10-16468
		824	800	10-27129	10-27141	10-16472	10-16476

## Uprights epoxy-coated in RAL 7035 Light grey, other shelving components galvanised

**RAL 7035** 

			Bay width	1500 mm		2000 mm	
			Shelving type	Starter bay	Extension bay	Starter bay	Extension bay
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	3	524	500	10-27109	10-27121	10-16431	10-16435
		624	600	10-27110	10-27122	10-16439	10-16443
		824	800	10-27111	10-27123	10-16447	10-16451
2500	4	524	500	10-27133	10-27145	10-16458	10-16462
		624	600	10-27134	10-27146	10-16466	10-16470
		824	800	10-27135	10-27147	10-16474	10-16478



# **Shelving with inclined shelves**

shelf level incline 30°

Perfect product presentation

- Shelf load: 100 kg ■ Bay load: 800 kg
- Ideally suited for European standard containers
- Inclined position of bins allows a better overview and faster ergonomic picking
- Easy picking, as stocked items always move to the picking face
- All components can be assembled without bolts, are galvanised and compatible with the BITO boltless shelving range



# Set offer including 1 starter bay and 1 extension bay:

supplied with 3 inclined shelf levels each H x L x D : 1850 x 2666 x 524 mm

Ref. no.: 10-12731









Length of extension bay 1308 mm



			Sileli Width	1300 111111		
				Set offer including 1 starter bay and 1 extension bay	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm			
1850	3	524	570	10-12731	10-12664	10-12665

#### **Accessories**





<b>→</b>
More accessories from page 154
Safety accessories such as anchor bolts and wall mounting sets on page 164

Pos.	Description		For a shelf length of	For a shelving depth of	Ref. no.
			mm	mm	
A	Inclined shelves	supplied with 2 stiffening beams, galvanised, load capacity 100 kg	1300	570	10-7704

# **Shelving with inclined shelves**

shelf level incline 30°, mobile version

Mobile product supply

■ Shelf load: 100 kg Bay load: 500 kg

- Mobile shelving units offer more flexibility in your operations
- The ergonomically designed push handle and easy-to-move fixed and swivel castors provide excellent mobility
- **Ideally suited for European standard containers**
- Inclined position of bins allows a better overview and faster ergonomic picking
- Easy picking, as stocked items always move to the picking face
- All components can be assembled without bolts, are galvanised and compatible with the BITO boltless shelving range





Shelving height	Number of shelves	External bay depth	Useable depth	Shelf width	Description	Ref. no.
mm		mm	mm	mm		
1815	4	533	570	1300	without bins mobile version	10-15182
					with bins mobile version	10-15183

#### **Accessories**



Pos.	os. Description			For a shelving depth of	Ref. no.
			mm	mm	
A	Inclined shelves	supplied with 2 stiffening beams, galvanised, load capacity 100 kg	1300	570	10-7704

## **Supply shelving**

# single depth, straight shelves, galvanised finish

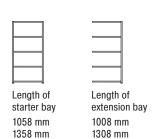
Make sure you never run out of supplies ...

■ Shelf load: 100 kg ■ Bay load: 800 kg

- Fast and easy assembly without bolts saves time
- Level decking sits safely between the beams; added strength and rigidity
- Side lips prevent storage units from jamming at the uprights or fall out sideways
- Ideal for supplying workstations with parts and components



# → Suitable bins from page 46



#### Starter bay

H x L x D: 2000 x 1358 x 624 mm Ref. no. 10-23624



Shelf width Shelving type		Shelf width	1000 mm		1300 mm		
		Shelving type	Starter bay	Extension bay	Starter bay	Extension bay	
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	4	424	400	10-23576	10-23577	10-23620	10-23621
		524	500	10-23578	10-23579	10-23622	10-23623
		624	600	10-23580	10-23581	10-23624	10-23625
		824	800	10-23582	10-23583	10-23626	10-23627

#### **Accessories**



A Additional levels

→

More accessories from page 154

			Shelf width	1000 mm	1300 mm
Pos.	<b>Description</b> I		For a shelving depth of	Ref. no.	Ref. no.
			mm		
A	Additional levels	single depth shelf levels,	400	10-23584	10-23628
		single depth straight shelf	500	10-23585	10-23629
		levels	600	10-23586	10-23630
			800	10-23587	10-23631



# **Supply shelving**

## single depth, inclined shelves, galvanised finish

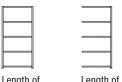
Perfect for supplying parts and components at workstations

■ Shelf load: 100 kg Bay load: 800 kg

- Easy-to-view product presentation, easy access and ergonomic retrieval
- Fast and easy assembly without bolts saves time
- Level decking sits safely between the beams; added strength and rigidity
- Side lips and front lip prevent storage units from jamming at the uprights or fall out sideways







Length of Length of starter bay extension bay 1008 mm 1058 mm 1358 mm

		Shelf width 1000 mm			1300 mm		
		Shelving type	Starter bay	Extension bay	Starter bay	Extension bay	
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	4	424	400	10-23564	10-23565	10-23608	10-23609
		524	500	10-23566	10-23567	10-23610	10-23611
		624	600	10-23568	10-23569	10-23612	10-23613
		824	800	10-23570	10-23571	10-23614	10-23615

10-23612

Starter bay

Ref. no. 10-23612

#### **Accessories**



Additional levels

ı	
	More accessories from page 154
	Safety accessories such as anchor bolts and wall mounting sets on page 164

			Shelf width	1000 mm	1300 mm
Pos.	Description	Description		Ref. no.	Ref. no.
			mm		
A	Additional levels	single depth shelf levels,	400	10-23572	10-23616
		single depth inclined shelf	500	10-23573	10-23617
		levels	600	10-23574	10-23618
			800	10-23575	10-23619

## **Supply shelving**

double depth, rear shelf straight, front shelf inclined, galvanised finish

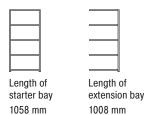
Designed to accommodate a broad variety of products ...

- Shelf load: 100 kg ■ Bay load: 800 kg
- Easy-to-view product presentation, easy access and ergonomic retrieval
- Fast and easy assembly without bolts saves time
- Level decking sits safely between the beams; added strength and rigidity
- Side lips prevent storage units from jamming at the uprights or fall out sideways



#### Starter bay

H x L x D: 2000 x 1358 x 1250 mm Ref. no. 10-14694



1308 mm

1358 mm





			Shelf width	1000 mm		1300 mm	
			Shelving type	Starter bay	Extension bay	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	4	850	800	10-23552	10-23553	10-23598	10-23599
		1050	1000	10-23554	10-23555	10-23600	10-23601
		1250	1200	10-23556	10-23557	10-14694	10-14695
		1650	1600	10-23558	10-23559	10-23602	10-23603

#### **Accessories**



7
---

More accessories from page 154

			Shelf width	1000 mm	1300 mm
Pos.	Description		For a shelving depth of	Ref. no.	Ref. no.
			mm		
A	Additional levels	double depth shelf levels,	800	10-23560	10-23604
		rear shelf straight, front shelf	1000	10-23561	10-23605
		inclined, with 2 shelves,	1200	10-23562	10-14696
		gaivanisca	1600	10-23563	10-23607



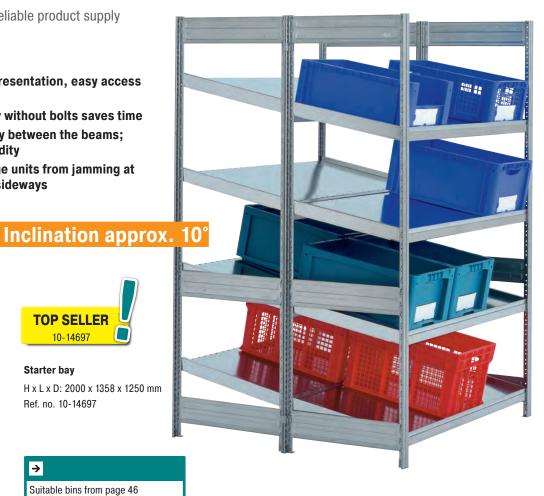
# **Supply shelving**

## double depth, rear and front shelf inclined, galvanised finish

Storage in FIFO order and reliable product supply

■ Shelf load: 100 kg Bay load: 800 kg

- Easy-to-view product presentation, easy access and ergonomic retrieval
- Fast and easy assembly without bolts saves time
- Level decking sits safely between the beams; added strength and rigidity
- Side lips prevent storage units from jamming at the uprights or fall out sideways





1008 mm

1308 mm

Length of Length of starter bay extension bay

1058 mm

1358 mm

**→** 

-		Shelf width	1000 mm		1300 mm		
		Shelving type	Starter bay	Extension bay	Starter bay	Extension bay	
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm	mm				
2000	4	850	800	10-23540	10-23541	10-23588	10-23589
		1050	1000	10-23542	10-23543	10-23590	10-23591
		1250	1200	10-23544	10-23545	10-14697	10-14698
		1650	1600	10-23546	10-23547	10-23592	10-23593

# **Accessories** Additional levels

→	

More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164

			Shelf width	1000 mm	1300 mm
Pos.	Description		For a shelving depth of	Ref. no.	Ref. no.
			mm		
A	Additional levels	double depth shelf levels, rear	800	10-23548	10-23594
		hasinevlen saylads	1000	10-23549	10-23595
			1200	10-23550	10-14699
			1600	10-23551	10-23597



# **Carton live storage SDS-T**

Everything within easy reach!

- Shelf load: 100 kg ■ Bay load: 800 kg
- Shelves and flow levels can be adjusted in height on a 25 mm pitch
- Flow levels ensure FIFO handling, lane incline 6.5%
- 3 straight shelf levels for static storage
- 2 inclined levels with roller tracks for flow storage



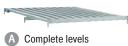




10-40190

Description	Shelving height	Number of levels	External bay depth	Useable depth	Bay width	Total width	Ref. no.
	mm		mm	mm	mm	mm	
Set offer static version	2000	5	1250	1200	1300	1358	36-38810
Set offer mobile version	2040	5	1250	1200	1300	1358	10-40190

#### **Accessories**



with roller tracks to

make a roller bed







Pos.	Description		Load capacity	Ref. no.
			kg	
A	Complete levels, with roller tracks to make a roller bed	flow levels can be retro-fitted, roller bed consisting of 9 roller tracks with cylindrical rollers fitted with plastic axles, 2 flanged roller rails to provide lateral guidance for loads, 3 beams (fitted without bolts)	200	36-38811
В	Complete levels, with flanged rollers	flow levels can be retro-fitted, 3 lanes, each approx. 370 mm wide and equipped with 6 flanged roller rails, 3 beams (fitted without bolts)	200	36-38812
C	Additional shelves, load capacity 100 kg	shelf height 40 mm, with shelf perforations for dividers, supplied with 4 shelf clips	100	10-17072

# BITO shelving + bins for supplying parts and components to workstations



5

SHELVIN

# Kanban bin shelving for small parts

with bins, galvanised finish

Save space and time with the new BITO Kanban solution

- Ultra flat shelves are real space savers
- Shelf height 20 mm
- Stores 25% more C-items and provides ergonomic access for order pickers
- All bins are supplied with a slide-down window as standard feature. For optional extras such as product feeder panels, cross dividers, safety bars and dust covers refer to CTB bin accessories.



starter bay

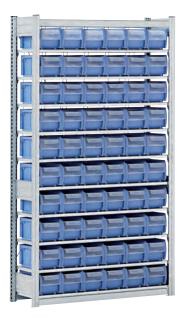
1058 mm





extension bay 1008 mm





						Shelf width	1000 mm	
						Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	Description	External bay depth	Useable depth	Features	Bay load	Ref. no.	Ref. no.
mm			mm	mm		kg		
1850	10	single sided use	324	300	60 x CTB31514 (300 x 156 x 140 mm)	1300	53-35117	53-35121
			424	400	60 x CTB41514 (400 x 156 x 140 mm)		53-35116	53-35120
		double sided use	624	600	120 x CTB31514 (300 x 156 x 140 mm)		53-35114	53-35118

# Kanban bin shelving for small parts

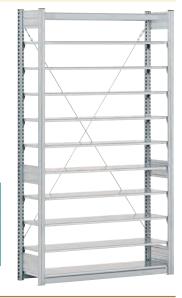
without bins, galvanised finish

More room for your bins – benefit from the flattest shelf on the market

■ Shelf load: 90 - 150 kg Bay load: 1250 kg

- Stores 25% more C-items and provides ergonomic access for order pickers
- Shelf height 20 mm
- Ultra flat shelves are real space savers
- Fast and easy assembly without bolts saves time
- **Extensions possible at any time**
- Shelf levels adjustable in 25 mm increments
- Compatible with BITO standard boltless shelving of all types
- Max. bay load capacity 1250 kg





				Shelf width	1000 mm	
				Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Bay load	Ref. no.	Ref. no.
mm		mm	mm	kg		
1850	10	324	300	1250	10-33570	10-33574
		424	400		10-33571	10-33575
		624	600		10-33573	10-33577



# Mobile Kanban bin shelving for small parts

with bins, galvanised finish

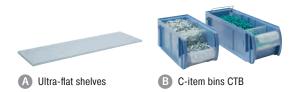
The mobile space-saver for your C-items!

- 2 swivel and 2 fixed castors
- Complete with 120 C-item bins CTB41514 including accessories (feeder panel and safety/carry handle)
- Mobile unit can be moved without prior unloading
- **■** Supplied unassembled



Shelving height	Depth of shelving unit incl. bumper guard		Useable depth	Useable width		Max. addi- tional shelf load		Empty weight	Ref. no.
mm			mm	mm	mm			kg	
2060	955	1185	2 x 400	1000	155	100	1000	200	48-40851

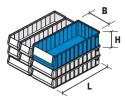
#### **Accessories**



Pos.	Description		For a shelf length of	For a shelving depth of	Pcs/pack	Ref. no.
			mm	mm		
A	Ultra-flat shelves	load capacity 100 kg, shelf height 20 mm, compatible with BITO standard boltless shelving of all types, supplied with 4 shelf clips	1000	400	1	53-33583
В	C-item bins CTB	polypropylene (PP), dove blue, simply push down the window for picking smaller quantities without having to pull the bin forward, optional product feeder panel to prevent items from spilling out, the container base is conveniently radiused for easy retrieval even of very small items, label holder on the back of the bin to accommodate Kanban cards, supplied with slide-down window as standard feature. The window with integral handle can also be also used to carry bins, to push and pull bins stored in racks and it provides a large label area.	-	400	12	53-31316

# **Boltless shelving complete with RK bins**

galvanised finish



Storage and handling bins RK



■ Shelf load: 50 kg■ Bay load: 500 kg

Supplied with storage and handling

bins RK

**■** Bin colour: dove blue



## With 64 storage and handling bins RK (3 sizes)

		Shelving type	Starter bay	Extension bay
Number of shelves	Features	Dimensions H x L x D	Ref. no.	Ref. no.
		mm		
12	32 x RK3109 (300 x 117 x 90 mm) 16 x RK3209 (300 x 234 x 90 mm) 16 x RK3214 (300 x 234 x 140 mm)	1850 x 1000 x 324	10-12707	10-12708
	32 x RK4109 (400 x 117 x 90 mm) 16 x RK4209 (400 x 234 x 90 mm) 16 x RK4214 (400 x 234 x 140 mm)	1850 x 1000 x 424	10-13561	10-13562
	32 x RK5109 (500 x 117 x 90 mm) 16 x RK5209 (500 x 234 x 90 mm) 16 x RK5214 (500 x 234 x 140 mm)	1850 x 1000 x 524	10-13563	10-13564



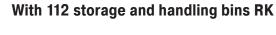
## With 40 storage and handling bins RK

		Shelving type	Starter bay	Extension day
Number of shelves	Features	Dimensions H x L x D	Ref. no.	Ref. no.
		mm		
10	40 x RK3214 (300 x 234 x 140 mm)	1850 x 1000 x 324	10-12683	10-12684
	40 x RK4214 (400 x 234 x 140 mm)	1850 x 1000 x 424	10-12685	10-12686
	40 x RK5214 (500 x 234 x 140 mm)	1850 x 1000 x 524	10-12687	10-12688
	40 x RK6214 (600 x 234 x 140 mm)	1850 x 1000 x 624	10-12689	10-12690



## With 56 storage and handling bins RK

		Shelving type	Starter bay	Extension bay
Number of shelves	Features	Dimensions H x L x D	Ref. no.	Ref. no.
		mm		
14	56 x RK3209 (300 x 234 x 90 mm)	1850 x 1000 x 324	10-12691	10-12692
	56 x RK4209 (400 x 234 x 90 mm)	1850 x 1000 x 424	10-12693	10-12694
	56 x RK5209 (500 x 234 x 90 mm)	1850 x 1000 x 524	10-12695	10-12696
	56 x RK6209 (600 x 234 x 90 mm)	1850 x 1000 x 624	10-12697	10-12698



		Shelving type	Starter bay	Extension bay
Number of shelves	Features	Dimensions H x L x D	Ref. no.	Ref. no.
		mm		
14	112 x RK3109 (300 x 117 x 90 mm)	1850 x 1000 x 324	10-12699	10-12700
	112 x RK4109 (400 x 117 x 90 mm)	1850 x 1000 x 424	10-12701	10-12702
	112 x RK5109 (500 x 117 x 90 mm)	1850 x 1000 x 524	10-12703	10-12704
	112 x RK6109 (600 x 117 x 90 mm)	1850 x 1000 x 624	10-12705	10-12706



## **Boltless shelving complete with PK bins**

#### galvanised finish

Your budget choice for small parts

■ Shelf load: 50 kg Bay load: 500 kg

■ Supplied with storage and handling bins PK

Bin colour: blue



# Storage and handling

bins PK

#### With 44 storage and handling bins PK

Features Description		Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
44 x PK351	Starter bay	1850 x 1058 x 524	11	10-12717
(500 x 230 x 115 mm)	Extension bay	1850 x 1008 x 524	11	10-12718



Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
98 x PK4131	Starter bay	1850 x 1058 x 424	14	10-12719
(395 x 136 x 90 mm)	Extension bay	1850 x 1008 x 424	14	10-12720



Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
140 x PK3091	Starter bay	1850 x 1058 x 324	14	10-12723
(295 x 90 x 80 mm)	Extension bay	1850 x 1008 x 324	14	10-12724



#### With 98 storage and handling bins PK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
98 x PK3131	Starter bay	1850 x 1058 x 324	14	10-15793
(295 x 136 x 90 mm)	Extension bay	1850 x 1008 x 324	14	10-15794



More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164



## **Boltless shelving complete with SK bins**

#### galvanised finish







Bay load: 500 kg

saves time

opening SK

Fast and easy assembly without bolts

Supplied with storage bins with pick



Bin colours as illustrated. Other colours (blue, red, green, yellow) upon request!





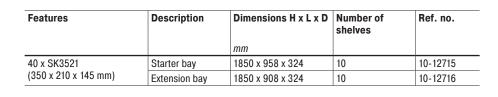




SK5031

SK5032

## With 40 storage bins SK





#### With 32 storage bins SK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
16 x SK3521	Starter bay	1850 x 958 x 324	8	10-12732
(350 x 210 x 145 mm) 16 x SK3522 (350 x 210 x 200 mm)	Extension bay	1850 x 908 x 324	8	10-12733



### With 30 storage bins SK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
30 x SK5031	Starter bay	1850 x 1058 x 524	10	10-12711
(500 x 315 x 145 mm)	Extension bay	1850 x 1008 x 524	10	10-12712









Storage bins SK from page 16



Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
28 x SK3522	Starter bay	1850 x 958 x 324	7	10-12713
(350 x 210 x 200 mm)	Extension bay	1850 x 908 x 324	7	10-12714



#### With 21 storage bins SK

Features	Description	Dimensions H x L x D	Number of shelves	Ref. no.
		mm		
21 x SK5032	Starter bay	1850 x 1058 x 524	7	10-12709
(500 x 315 x 200 mm)	Extension bay	1850 x 1008 x 524	7	10-12710





More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164

### Bin trolleys, mobile version

- 2 braked swivel castors, 2 fixed castors
- 2 stiffening beams

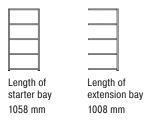
Shelving height	Number of shelves	External bay depth	Useable depth	Shelf width	Features	Ref. no.
mm		mm	mm	mm		
1815	7	533	500	1000	18 x SK5032 (500 x 315 x 200 mm)	10-15721
					without bins	10-15720



## **Hose shelving**

Everything within easy reach!

- Trapeze-shaped shelves with integral discharge trough provide non-slip, dry and easily accessible storage space
- **■** Easy assembly without bolts saves time
- Extensions possible at any time
- Neat storage of suction and pressure hoses of any





			Shelf width	1000 mm	
			Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Ref. no.	Ref. no.
mm		mm	mm		
2200	3	524	500	17-13089	17-13090
2500	4	524	500	17-13087	17-13088

#### **Hose carts**

- Facilitates transport of hoses to and from emergency vehicles
- Stepped beams are height adjustable on a 25 mm pitch
- Push and pull handle
- 2 swivel and 2 fixed castors, Ø 125 mm
- Mobile base galvanised

Shelving height	External bay width	External bay depth	Number of levels	Castor Ø	Surface finish	Ref. no.
mm	mm	mm		mm		
1815	1068	524	3	125	galvanised	17-13091

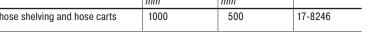
#### **Accessories**



Additional hose levels

<b>→</b>
More accessories from page 154
Safety accessories such as anchor bolts and wall mounting sets on page 164

Pos.	Description			For a shelving depth of	Ref. no.
			mm	mm	
A	Additional hose levels	single depth shelf levels, suited for hose shelving and hose carts	1000	500	17-8246





## **Cabinets for fire fighting equipment**

Neat and tidy storage allows easy access to items!

- On solid superior quality plastic feet for optimum corrosion resistance, feet height 150 mm
- Height adjustable feet included as standard
- Compartment width 400 mm
- Supplied with fold-down helmet support on roof top (supplied unmounted, easy on-site fitting)
- Locker compartment with drop-in slot secured by a cylinder lock
- Open compartments underneath with grid shelf, garment rail with 3 push-along hooks per compartment
- Rail with captive hook for straps, cords, etc.
- Cabinet base with slot for broom cleaning, epoxycoated finish
- Other colours upon request. (Supports for helmets are always in black RAL 9005.)





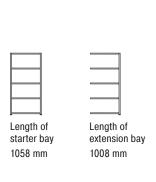
Height	Width	Depth	Number of compartments	Colour	Ref. no.
mm	mm	mm			
2000	420	500	1	RAL 3000 Flame red	17-21380
	810	500	2	RAL 3000 Flame red	17-21381
	1200	500	3	RAL 3000 Flame red	17-21382
	1590	500	4	RAL 3000 Flame red	17-21383

## **Boltless shelving with wire baskets - wire baskets**

galvanised finish

Neat and easy-to-view product presentation

- Shelf load: 100 kg
- Bay load: 800 kg
- Wire basket 35 kg
- Ideal for goods that are difficult to stack
- Ideal for lightweight loose items
- Supplied with solid base shelf





			Length of wire baskets	1000 mm	
			Shelving type	Starter bay	Extension bay
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.
mm		mm	mm		
1850	4	524	500	10-17144	10-17146
2200	5	524	500	10-17145	10-17147

#### **Accessories**









**→** 

More accessories from page 154 Safety accessories such as anchor bolts and wall mounting sets on page 164

C	Wire	divider

Pos.	Description		Load capacity	For a shelf length of	For a shelving depth of	Ref. no.
			kg	mm	mm	
A	Top shelves	convenient drop-in fitting on upper stiffening beams	100	1000	500	10-16934
B	Wire baskets	height 240 mm, mesh rods with 30 mm spacing, supplied with 4 shelf clips, load capacity per wire basket 35 kg	35	1000	500	10-13052
G	Wire dividers	galvanised, optimum subdivision of wire baskets to suit your products, height 210 mm	-	-	500	10-11682

# 5N

## Boltless shelving for industry requirements

# BITO

## **Boltless shelving with wire mesh shelves - wire shelves**

galvanised finish

Attractive, easy to clean, immediate product overview

■ Shelf load: 100 kg ■ Bay load: 800 kg

■ Wire-mesh shelves allow water, air and light to pass

through



	<b>——</b>
Length of	Length of
starter bay	extension bay
1058 mm	1008 mm

			Length of wire shelf	1000 mm	
			Shelving type	Starter bay	Extension bay
Shelving height	Number of levels	External bay depth	Useable depth	Ref. no.	Ref. no.
mm		mm	mm		
2000	5	524	500	10-16490	10-16492
2500		524	500	10-16491	10-16493

#### **Accessories**



More a

More accessories from page 154 Safety accessories such as anchor bolts and wall mounting sets on page 164

Pos.	s. Description			For a shelving depth of	Ref. no.
			mm	mm	
A		shelf height 25 mm, mesh rods with 30 mm spacing, supplied with 4 shelf clips, load capacity per wire shelf 100 kg	1000	500	10-16489

## **Corner shelving**

#### galvanised finish

Corner shelving fits in everywhere!

■ Shelf load: 100 kg

Bay load: 1000 kg - 1400 kg

Add-ons possible with extension bays of boltless shelving type L, M and S

- Fast and easy assembly without bolts saves time
- Shelf levels adjustable in 25 mm increments
- Optimum subdivision of shelf space with dividers that slot into the shelf perforations on the long sides





More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164

Shelving height	Number of shelves	External bay depth	Useable depth	Top view L x W	Shelf width	Ref. no.
mm		mm	mm	mm	mm	
2000	10	324	300	1060 x 1354	1000	10-18138
		424	400	1060 x 1454	1000	10-18139
		524	500	1060 x 1554	1000	10-18140
		624	600	1060 x 1654	1000	10-18141
2500	12	324	300	1060 x 1354	1000	10-18143
		424	400	1060 x 1454	1000	10-18144
		524	500	1060 x 1554	1000	10-18145
		624	600	1060 x 1654	1000	10-18146
3000	14	324	300	1060 x 1354	1000	10-18148
		424	400	1060 x 1454	1000	10-18149
		524	500	1060 x 1554	1000	10-18150
		624	600	1060 x 1654	1000	10-18151

# **Accessories** A Light duty shelving type L - shelf load 100 kg

os.	Descripti	on	Shelving height	For a shelving depth of	Shelf width	Ref. no.
			mm	mm	mm	
A	Extension	5 shelves with a shelf load of 100	2000	300	1000	10-17179
	bay	kg, all components galvanised		400	1000	10-17180
				500	1000	10-17181
			600	1000	10-17182	
		6 shelves with a shelf load of 100	2500	300	1000	10-17199
		kg, all components galvanised		400	1000	10-17200
				500	1000	10-17201
				600	1000	10-17202
		7 shelves with a shelf load of 100	3000	300	1000	10-17219
		kg, all components galvanised		400	1000	10-17220
				500	1000	10-17221
				600	1000	10-17222

## Tyre shelving

#### galvanised finish

Proper and space-saving tyre storage

Bay width

1300 mm

1500 mm

1000 mm

mm

■ Shelf load: 150 - 250 kg

Bay load: 800 kg

Shelf load

kg

150

250

Suitable for tyre diameters from 578 to 624 mm

Shelving

height

mm

1850

2500

3000

1850

2500

3000

1850

2500

3000

Number of

levels

3

4

5

3

4

5

3

4

5





Shelving type

External bay

depth

mm

424

Starter bay

Ref. no.

10-30615

10-30617

10-30619

10-16387

10-16389

10-16391

10-12658

10-12660

10-12662



Extension bay

Ref. no.

10-30616

10-30618

10-30620

10-16388

10-16390

10-16392

10-12659

10-12661

10-12663





## Tyre shelving

#### mobile version, galvanised finish

Proper and space-saving tyre storage

■ Shelf load: 150 kg ■ Bay load: 300 kg

2 storage levels complete with special profile beams designed for gentle storage and in-house transport of

tyres and rims

■ Supplied with 2 swivel and 2 fixed castors, swivel

castors v	vith	brake
-----------	------	-------

Shelving height	Shelf width	Number of shelves	External bay depth	Useable depth	Ref. no.
mm	mm		mm	mm	
1625	1300	2	682	424	10-40200



#### **Accessories**



Pos.	Description		For a shelf length of	For a shelving depth of	Pcs/pack	Ref. no.
			mm	mm		
A	Additional shelves	load capacity 100 kg, shelf height 40 mm, with shelf perfora-	1000	400	1	10-17065
		tions for dividers, supplied with 4 shelf clips	1300	400	1	10-17070
)	Tyre beams	space-saving storage of tyres and rims, incl. safety pins,	1000	400	pair	10-7709
		galvanised	1300	400	pair	10-28540
			1500	400	pair	10-7708



## **Accessories for boltless shelving**

## Our accessories fit any application

With ease of assembly, superior workmanship and a broad range of accessories, BITO shelving gets top marks from our customers. Added benefits such as anytime extension, reconfiguration and retro-fitting make BITO boltless shelving a real winner!

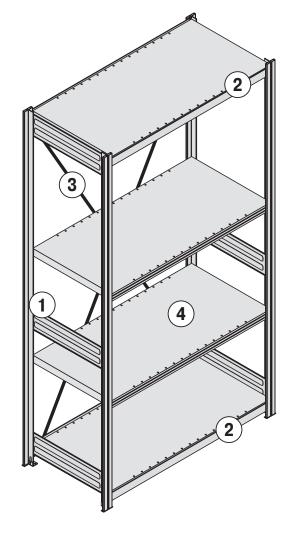


#### **Shelving components**

- 1 Frames
- 2 Stiffening beam
- Cross bracing
- 4 Shelves (with shelf clips)

#### Shelving rows:

- a with stiffening beams = 1 cross bracing set for every fifth bay, maximum bay load capacity 1600 kg
- b without stiffening beams = 1 cross bracing set for every second bay, maximum bay load capacity 800 kg



## **Frames**

Our accessories fit any application

- Fast and easy assembly without bolts saves time
- Modular system, add-ons possible whenever required

#### Frame for boltless shelving, unassembled

- Supplied with 2 uprights, 3 to 5 upright connectors, 2 base plates
- All components galvanised

Height	1850 mm	2000 mm	2200 mm	2500 mm	3000 mm
External bay depth	Ref. no.				
mm					
324	10-15065	10-13635	10-15081	10-13639	10-15097
424	10-15066	10-13636	10-15082	10-13640	10-15098
524	10-15067	10-13637	10-15083	10-13641	10-15099
624	10-15068	10-13638	10-15084	10-13642	10-15100
824	10-15069	10-15070	10-15085	10-15086	10-15101

#### Frame for boltless shelving, unassembled

**RAL 5010** 

- Supplied with 2 uprights, 3 to 5 upright connectors, 2 base plates
- Uprights are epoxy-coated in gentian blue, RAL 5010, all other components are galvanised

Height	1850 mm	2000 mm	2200 mm	2500 mm	3000 mm
External bay depth	Ref. no.				
mm					
324	10-45320	10-45325	10-45330	10-45335	10-45340
424	10-45321	10-45326	10-45331	10-45336	10-45341
524	10-45322	10-45327	10-45332	10-45337	10-45342
624	10-45323	10-45328	10-45333	10-45338	10-45343
824	10-45324	10-45329	10-45334	10-45339	10-45344



More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164



**RAL 7035** 

- Supplied with 2 uprights, 3 to 5 upright connectors, 2 base plates
- Uprights epoxy-coated in light grey, RAL 7035, all other components galvanised

Height	1850 mm	2000 mm	2200 mm	2500 mm	3000 mm
External bay depth	Ref. no.				
mm					
324	10-45345	10-45350	10-45355	10-45360	10-45365
424	10-45346	10-45351	10-45356	10-45361	10-45366
524	10-45347	10-45352	10-45357	10-45362	10-45367
624	10-45348	10-45353	10-45358	10-45363	10-45368
824	10-45349	10-45354	10-45359	10-45364	10-45369

#### Frame for boltless shelving, unassembled

**RAL 3000** 

- Supplied with 2 uprights, 3 to 5 upright connectors, 2 base plates
- Uprights epoxy-coated in flame red, RAL 3000, all other components galvanised

Height	1850 mm	2000 mm	2200 mm	2500 mm	3000 mm
External bay depth	Ref. no.				
mm					
324	10-45370	10-45375	10-45380	10-45385	10-45390
424	10-45371	10-45376	10-45381	10-45386	10-45391
524	10-45372	10-45377	10-45382	10-45387	10-45392
624	10-45373	10-45378	10-45383	10-45388	10-45393
824	10-45374	10-45379	10-45384	10-45389	10-45394

#### Frame for boltless shelving, supplied assembled

- Supplied with 2 uprights, 3 to 5 upright connectors, 2 base plates
- All components galvanised
- Please note: Delivery time 1 week.

Height	2000 mm	2200 mm	2500 mm	3000 mm
External bay depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm				
324	10-15000	10-15015	10-15004	10-15010
424	10-15001	10-15016	10-15005	10-15011
524	10-15002	10-15017	10-15006	10-15012
624	10-15003	10-15018	10-15007	10-15013
824	10-15008	10-15019	10-15009	10-15014



More accessories from page 154

Safety accessories such as anchor bolts and wall mounting sets on page 164

#### Side cladding, solid steel sheet panel

- Consisting of 2 to 3 segments depending on frame height, supplied with fixing clips
- Frame not included. Please order unassembled frames separately!

Height	2000 mm	2200 mm	2500 mm	3000 mm
External bay depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm				
324	10-13620	10-19054	10-13625	10-13630
424	10-13621	10-19055	10-13626	10-13631
524	10-13622	10-19056	10-13627	10-13632
624	10-13623	10-19057	10-13628	10-13633
824	10-13624	10-19058	10-13629	10-13634

#### Side cladding, perforated steel sheet panel

- Consisting of 2 to 3 segments depending on frame height, with Euro-slots, supplied with fixing clips
- Frame not included. Please order unassembled frames separately!

Height	2000 mm	2200 mm	2500 mm	3000 mm
External bay depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm				
324	10-13605	10-19059	10-13610	10-13615
424	10-13606	10-19060	10-13611	10-13616
524	10-13607	10-19061	10-13612	10-13617
624	10-13608	10-19062	10-13613	10-13618
824	10-13609	10-19063	10-13614	10-13619

#### Side cladding, wire-mesh panels

- Mesh width 50 x 50 mm, incl. fixing clips
- Frame not included. Please order unassembled frames separately!

Height	2000 mm	2200 mm	2500 mm	3000 mm
External bay depth	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm				
324	10-12299	10-14366	10-12304	10-12309
424	10-12300	10-14367	10-12305	10-12310
524	10-12301	10-14368	10-12306	10-12311
624	10-12302	10-14369	10-12307	10-12312
824	10-12303	10-14370	10-12308	10-12313









#### Shims, galvanised

For compensating floor unevenness

Description	Worktop thickness	Pcs/pack	Ref. no.
	mm		
suited for shelving	1	20	10-12215
galvanised	3	20	10-12216



# Louvered panels designed to fit your shelving

- **■** Easy-to-mount, hardwearing steel sheet panels
- Accept storage bins SK1095, SK1610 and SK2311







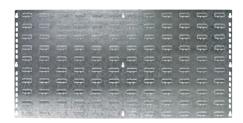
#### Fitted to shelving sides

For a shelving depth of	Height	Ref. no.
mm	mm	
500	500	8-31333
300	1000	8-31329
400	1000	8-31330
500	1000	8-31331
600	1000	8-31332
Fixing material	pan head rivets, please order 6/12 pcs. per louvered panel (500 mm/1000 mm high) to fix panel to shelving	41-28460



#### Fitted to shelving back

For a shelf length of	Height	Ref. no.
mm	mm	
1000	500	8-31326
	1000	8-31327
1300	1000	8-31328
Fixing material	spring clips, please order 6/12 pcs. per louvered panel (500 mm/1000 mm high) to fix panel to shelving	10-12290





Our accessories fit any application

#### Back cladding, solid steel sheet panel

- 2 or 3 segments required depending on frame height
- Can also be used as partition in back-to-back shelving
- Supplied with fixing clips
- Galvanised

Height	2000 mm	2200 mm	2500 mm	3000 mm
Width	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm				
750	10-29260	10-29261	10-29262	10-29263
1000	10-17162	10-14261	10-17163	10-17164
1300	10-17165	10-14262	10-17166	10-17167

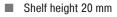


#### Back cladding, wire-mesh panels

- Can also be used as partition in back-to-back shelving
- Grid infill 50 x 50 mm
- Supplied with fixing clips
- Galvanised

Height	1950 mm	2150 mm	2450 mm	2950 mm
Width	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm				
1000	10-17168	10-14396	10-17169	10-17170
1300	10-17171	10-14397	10-17172	10-17173

## **Ultra-flat shelves**



- Compatible with BITO standard boltless shelving of all types
- Supplied with 4 shelf clips

Colour	Load capacity	For a shelving depth of	For a shelf length of	Ref. no.
	kg	mm	mm	
galvanised	90	300	1000	53-33582
	100	400	1000	53-33583
	150	600	1000	53-33585





## **Wire shelves GRID**

Very good air circulation, light transmission and water penetration

- Allow water to pass through essential for sprinkler environments/for compliance with fire prevention regulations
- Lower fire insurance premium
- Rectangular slotting
- Compatible with BITO standard boltless shelving of all types
- With shelf perforations on a 50 mm pitch to slot in dividers
- Load capacity 100 kg
- Shelf height 40 mm
- Supplied with 4 shelf clips



#### Permeability > 50%

In compliance with safety standard VdS CEA4001 which stipulates that shelves in sprinkler environments must allow at least 50% of the water to pass through



Colour	Load capacity	For a shelf length of	For a shelving depth of	Ref. no.
	kg	mm	mm	
galvanised	100	1000	400	10-37914
	1300		500	10-37915
			600	10-37916
			800	10-37917
		1300	400	10-37919
			500	10-37920
			600	10-37921
			800	10-37922

#### Permeability 44-50%

■ The shelf sizes listed below allow up to 49% of the water to pass through (depending on the surface)



Colour	Load capacity	For a shelf length of	For a shelving depth of	Ref. no.
	kg	mm	mm	
galvanised		300	10-37908	
			400	10-37909
			500	10-37910
			600	10-37911
		800	10-37912	
		1000	300	10-37913
		1300	300	10-37918

Our accessories fit any application







## **Shelves 25**

- Shelf height 25 mm
- Ultra flat shelves help you make the most of your storage space
- Supplied with 4 shelf clips

Colour	For a shelving depth of	For a shelf length of	Load capacity	Ref. no.
	mm	mm	kg	
galvanised	300	750	50	10-26399
		1000	50	10-5706
	400	1000	50	12-7701
	500	1000	50	12-7702
	600	1000	50	12-7703
RAL 7035 Light grey	300	750	50	10-33550
		1000	50	10-33551



#### **Shelves 40**

- Shelf height 40 mm
- With shelf perforations for dividers
- Supplied with 4 shelf clips

		Load capacity	100 kg	200 kg	300 kg
Colour	For a shelf length of	For a shelving depth of	Ref. no.	Ref. no.	Ref. no.
	mm	mm			
galvanised	750 mm	300		10-26840	
		400		10-26841	
		500		10-26842	
		600		10-26843	
1		800		10-26683	
	1000 mm	300	10-17064	10-17074	
		400	10-17065	10-17075	10-17584
		500	10-16963	10-17076	10-17585
		600	10-17066	10-17077	10-17586
		800		10-17078	
	1300 mm	300	10-17069	10-17079	
		400	10-17070	10-17080	
		500	10-17071	10-17081	
		600	10-17072	10-17082	
		800		10-17083	
RAL 7035 Light	750 mm	600		10-33552	
grey	1000 mm	600	10-33553		



#### **Shelf clips**

4 shelf clips required per shelf

Description	Pcs/ pack	Ref. no.
Shelf clips	4	10-3798

## **Beams**

Our accessories fit any application

#### Stiffening beams

- Hooked into the slotting pattern of the uprights, safety pins provide protection against unintentional lifting
- Incl. safety pins
- Suited for shelves with a load capacity of 100 kg, 200 kg and 300 kg
- All components galvanised, epoxy coating in RAL colours on request

For a shelf length of	Height	Ref. no.
mm	mm	
750	40	10-26846
1000	40	10-7706
1300	40	10-7711



#### **Universal beams**

- Special profile bending to allow drop-on fitting of chipboard and wire shelves
- Incl. safety pins
- Galvanised

For a shelf length of	Ref. no.
mm	
1000	10-7707
1300	28-9824



#### Tyre beams

- Space-saving storage of tyres and rims
- Incl. safety pins
- Galvanised

For a shelf length of	Useful length	Load cap. per pair of beams	Ref. no.
mm	mm	kg	
1000	958	250	10-7709
1300	1258	150	10-28540
1500	1458	150	10-7708







#### **Cross bracing**

- Consisting of 2 struts and 2 turnbuckles
- Shelving runs with stiffening beams require 1 cross bracing kit for every 5 bays, shelving runs without stiffening beams require 1 cross bracing kit for every 2 bays
- Galvanised

For a shelf length of	Ref. no.
mm	
750	10-26870
1000/1300	10-7713

#### **Support bars**

- For lengthwise shelf support, reduces deflection to a minimum
- Suitable for shelves with a height of 40 mm

For a shelf length of	Ref. no.
mm	
1000	10-18981
1300	10-18982

#### Wall fixing brackets

- Used to fix shelving units to the wall, spacing can be adjusted without increments up to 200 mm
- Delivery includes fixing material

Description	Ref. no.
galvanised	10-17547

#### **Anchor bolts**

- Required for shelving rigidity, if the height to depth ratio is 5:1
- No additional anchor bolts required

Material	Pcs/pack	Ref. no.
steel	10	41-15871

#### Side protection

- Prevents objects from falling at the shelving sides
- Particularly suited for office and archive shelving, boltless assembly
- Easy fixing to frame with 4 plastic rivets included in the delivery
- Can be retro-fitted
- Galvanised finish

Height	For a shelving depth of	Ref. no.
mm	mm	
44	300	10-39881
	400	10-39882
	500	10-39883
	600	10-39884
	800	10-39885





# Shelf dividers

Our accessories fit any application

- Stand-alone
- Subdivide storage levels into several compartments
- Immediate stock identification even if several references are stocked on the same level

#### Wire-mesh dividers, slot-in fitting

- Slot-in fitting into shelf perforations
- Grid infill 75 x 50 mm
- Epoxy-coated in light grey, RAL 7035

Height	150 mm	250 mm
For a shelving depth of	Ref. no.	Ref. no.
_mm		
400	10-16482	10-16483
500	10-16484	10-16485
600	10-16486	10-16487



#### Full sheet dividers, slide-on fitting

- Can be positioned anywhere along the shelf length
- Suited for boltless shelving type L, M and S
- Epoxy-coated in light grey, RAL 7035

Height	150 mm	250 mm
For a shelving depth of	Ref. no.	Ref. no.
mm		
300	10-29231	10-29232
400	10-29233	10-29234
500	10-29235	10-29236
600	10-29237	10-29238



#### Full sheet dividers, slot-in fitting

- Slot-in fitting into shelf perforations
- Galvanised

Height	100 mm	200 mm	300 mm
For a shelving depth of	Ref. no.	Ref. no.	Ref. no.
mm			
300	10-44690	10-44691	10-44692
400	10-44693	10-44694	10-44695
500	10-44696	10-44697	10-44698
600	10-44699	10-44700	10-44701
800	10-44702	10-44703	10-44704



#### Shelf dividers, with label holder

- Plastic dividers, height 150 mm
- Can be positioned anywhere along the shelf length
- Partitions in yellow are easy to recognize

Height	For a shelving depth of	Container type	Ref. no.
mm	mm		
150	300	FT275	10-51009
	400	FT375	10-51008
	500	FT475	10-51007
	600	FT575	10-51006
Labels	pre-perforated blank label sheets, ready for direct printing, suited for laser and inkjet printers, on white DIN A4 sheets, 140 g/m², 25 sheets per pack, colour white		46-20767



Our accessories fit any application

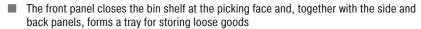


#### Bin shelves for loose goods

- Back and side panels 200 mm high, front panel 100 mm high
- Can also be combined with sheet metal dividers (height 200 mm)
- Galvanised

For a shelf length of	1000 mm	1300 mm	
External bay depth	Ref. no.	Ref. no.	
mm			
324	10-14381	10-14386	
424	10-14382	10-14387	
524	10-14383	10-14388	
624	10-14384	10-14389	
824	10-14385	10-14390	







For a shelf length of	1000 mm	1300 mm
Height	Ref. no.	Ref. no.
mm		
100	10-14241	10-14243
200	10-14242	10-14244



## Vertical storage



#### Support rails for divider bars

- Can be fitted without bolts, for vertical storage of light-weight goods
- Galvanised
- Please order divider bars separately!

For a shelf length of	Ref. no.
mm	
1000	10-15053
1300	10-15054

#### **Divider bars for long goods**

- Push-on fitting onto beam to allow vertical storage of long loads
- Galvanised

Length	Ref. no.
mm	
400	10-15052



## Wire-mesh partitions

Our accessories fit any application

#### Wire shelves

- Shelf height 25 mm
- Mesh rods with 30 mm spacing
- Supplied with 4 shelf clips
- Load capacity per wire shelf 100 kg

For a shelv- ing depth of	For a shelf length of	Surface finish	Ref. no.
mm	mm		
500	1000	galvanised	10-16489



#### Wire baskets

- Height 240 mm
- Mesh rods with 30 mm spacing
- Supplied with 4 shelf clips
- Load capacity per wire basket 35 kg

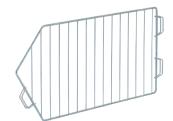
For a shelv- ing depth of	For a shelf length of	Surface finish	Ref. no.
mm	mm		
500	1000	galvanised	10-13052



#### Wire dividers, for wire baskets

- Galvanised
- Optimum subdivision of wire baskets to suit your products
- Height 210 mm

For a shelving depth of	Surface finish	Ref. no.
500	galvanised	10-11682



#### **Tray shelves**

- Safe storage of receptacles with spill potential such as open paint cans etc.
- Shelves retain spillage
- Height 60 mm
- Supplied with 4 shelf clips
- Shelf load capacity 200 kg

For a shelv- ing depth of	For a shelf length of	Surface finish	Ref. no.
mm	mm		
500	1000	galvanised	10-12937













#### **Garment hanging kits**

- Delivery includes 2 side supports, 4 shelf clips and a chromed hanging rail (oval 30/15 mm)

For a shelf length of	1000 mm		1300 mm	
External bay depth	Load capacity	Ref. no.	Load capacity	Ref. no.
mm	kg		kg	
324	50	10-12352	20	10-12358
424	50	10-12353	20	10-12359
524	50	10-12354	20	10-12360
624	50	10-12356	20	10-12361
824	50	10-12357	20	10-12362

#### Suspension file kits

- Suitable for the Leitz system, supplied with of 1 pair of side supports, 1 hanging rail for **400 mm deep** shelving (single sided use) and 2 hanging rails for 800 mm deep shelving (double sided use)
- ZIPPEL system upon request
- Galvanised

For a shelf length of	For a shelving depth of	Ref. no.
mm	mm	
1000	400	10-12291
	800	10-12292

#### **Upright caps**

- Prevent injuries in the case of low-built uprights and enhance appearance
- 1 pair required per frame

Material	Colour	Pcs/pack	Ref. no.
PP	black	pair	10-16050

#### Connectors for back-to-back shelving, galvanised

Connect adjoining uprights of back-to-back shelving

Description	Ref. no.
galvanised	10-17535

#### Foot plinths, galvanised

To be clipped into stiffening beam to cover the distance between bottom shelf and floor. (Please note: the foot plinth can only be used in combination with a stiffening beam.)

Height	For a shelf length of	Ref. no.
mm	mm	
75	1000	10-6625
	1300	10-6624

#### Shelf ledges, galvanised

To be inserted between shelf and shelf clips

Height	For a shelf length of	Ref. no.
mm	mm	
30	1000	10-6568
	1300	10-9831

## Hinged doors

Our accessories fit any application

- Can be retro-fitted
- All components epoxy-coated in light grey, RAL 7035
- Supplied with 2 or 3 door pivots
- Double door with flush fitting turn handle, safety lock and 2 keys (3-point locking mechanism)
- Suited for all types of boltless shelving



#### Hinged doors, width 1000 mm

#### Hinged doors, width 1300 mm

Configuration	Unit height	Ref. no.	Configuration	Unit height	Ref. no.
	mm			mm	
500	575	10-29954	500	575	10-29955
1000	1075	10-29952	1000	1075	10-29953
2000	2000	10-29950	2000	2000	10-29951
500	2000 + 500	10-29956	500	2000 + 500	10-29957
1000	2000 + 1000	10-29958	2000	2000 + 1000	10-29959



## **Retrofit drawers**

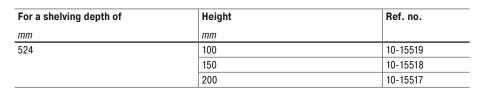




- Can be retro-fitted
- All components epoxy-coated in light grey, RAL 7035
- 2 drawer sides with glide runners for full drawer extraction
- Drawer load capacity 60 kg
- Optional locking mechanism
- Optional trough insert
- Suited for bays sized 1000 x 500 mm
- Delivery includes drawer(s) (without shelving)

#### **Individual drawers**

- Supplied with 1 steel sheet drawer with full width hand grip on drawer front
- Without lock





#### **Drawer blocks with 3 drawers**

- Supplied with 3 steel sheet drawers with full width hand grip on drawer front, height of drawer unit 450 mm
- 2 drawers with a front height of 100 mm, inside dimensions 875 x 425 x 70 mm
- 1 drawer with a front height of 200 mm, inside dimensions 875 x 425 x 170 mm
- Without central locking

For a shelving depth of	Height	Ref. no.
mm	mm	
524	450	10-15116



### **Drawer blocks with 7 drawers**

- Supplied with 7 steel sheet drawers with full width hand grip on drawer front, height of drawer unit 1050 mm
- 3 drawers with a front height of 100 mm, inside dimensions 875 x 425 x 70 mm
- 2 drawers with a front height of 150 mm, inside dimensions 875 x 425 x 120 mm
- 2 drawers with a front height of 200 mm, inside dimensions 875 x 425 x 170 mm
- Without central locking

For a shelving depth of	Height	Ref. no.
mm	mm	
524	1050	10-15516





## **Trough inserts**

■ Supplied with 6 troughs, width 145 mm and 12 adjustable dividers

Trough height	Description	Surface finish	Ref. no.
mm			
50	front height 100 mm	galvanised	10-15526
100	front height 150 mm	galvanised	10-15525
150	front height 200 mm	galvanised	10-15524



### **Locking options**

■ 1 top shelf with cylinder lock, 2 keys and connecting rods

Description	Ref. no.
for individual drawers	10-15523
Central locking mechanism for drawer block supplied with 3 individual drawers	10-15117
Central locking mechanism for drawer block supplied with 7 individual drawers	10-15527





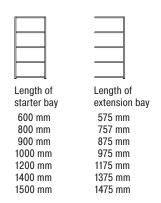


## Stainless steel shelving

For all environments where hygiene is a must!

- Shelf load: 125 150 kg
- Bay load: 1200 kg
- Sturdy, hygienic and easy to clean: ideal for use in the food industry and the health sector
- Easy assembly without bolts
- Practical modular system, solid shelves
- Angle configurations are also possible, extensions can be realised at any time (please note: shelf loads reduce to 70%)
- Uprights, solid and wire shelves are made from stainless steel for hygienic storage, easy to clean,
- 25x25 mm square-tubed uprights with screw-off feet and protective plastic caps, 3 connector plates sized 50x3 mm for either two uprights
- Shelves from CNS steel sheet with brushed surface, 40 mm edge bending on all sides, long sides are seamed for protection, height adjustable on a pitch of 150 mm
- Used to increase the rigidity of 600 mm deep shelf levels with a length of more than 1000 mm





				Shelving type	Starter bay	Extension bay
Shelving height	Number of shelves	External bay depth	Useable depth	Shelf width	Ref. no.	Ref. no.
nm		mm	mm	mm		
1800	4	400	333	600 mm	49-13999	49-13998
				800 mm	49-13981	49-13980
				900 mm	49-13963	49-13962
				1000 mm	49-13945	49-13944
				1200 mm	49-13927	49-13926
				1400 mm	49-13909	49-13908
				1500 mm	49-13891	49-13890
		500	433	600 mm	49-13997	49-13996
				800 mm	49-13979	49-13978
				900 mm	49-13961	49-13960
				1000 mm	49-13943	49-13942
				1200 mm	49-13925	49-13924
				1400 mm	49-13907	49-13906
				1500 mm	49-13889	49-13888
		600	533	600 mm	49-13995	49-13994
				800 mm	49-13977	49-13976
				900 mm	49-13959	49-13958
				1000 mm	49-13941	49-13940
				1200 mm	49-13923	49-13922
				1400 mm	49-13905	49-13904
				1500 mm	49-13887	49-13886

# Stainless steel shelving



### **Accessories**

A Cross bracing







B Additional shelves

Fasteners for corner configurations

os.	Description		For a shelf length of	For a shelving depth of	Ref. no.
			mm	mm	
A	Cross bracing	for stainless steel shelving, please add to your order for every third extension	600	-	49-13873
		bay	800	-	49-13872
			900	-	49-13871
			1000	-	49-13870
			1200	-	49-13869
			1400	-	49-13868
			1500	-	49-13867
)	Additional shelves	for stainless steel shelving	600	333	49-13993
				433	49-13992
				533	49-13991
			800	333	49-13975
				433	49-13974
			900	533	49-13973
				333	49-13957
				433	49-13956
				533	49-13955
			1000	333	49-13939
				433	49-13938
				533	49-13937
			1200	333	49-13921
				433	49-13920
			533	49-13919	
			1400	333	49-13903
				433	49-13902
			533	49-13901	
		1500	333	49-13885	
				433	49-13884
				533	49-13883
)	Fasteners for corner configurations	for stainless steel shelving, please add 2 fasteners per shelf and wing to your order for corner configurations, from blue PVC	-	-	49-13866

# Wide span shelving

## Wide spans for a wide range of items!

Are you handling goods with an awkward shape or heavier items that do not fit into standard shelving? We have a solution to meet your needs: BITO wide span shelving is the perfect option from our bolt-free shelving range for an amazingly wide spectrum of storage goods. To widen your storage options, our range now includes 1100 mm deep levels with a maximum load capacity of 700 kg. Various level decking options cater for all requirements.

**Please note:** This racking system has been designed for in-door use only. The indicated load capacities are not valid for earthquake hazard zones. If your storage and order picking facility is intended for use in a seismic hazard zone, please inform BITO in advance!

#### **BITO** info

All shelving and racking components fully comply with the latest health and safety regulations.

Please note: Wide span shelving is not designed for fork lift truck servicina

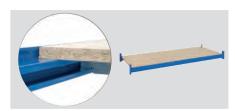






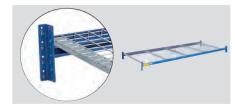


## The shelving system of your choice for bulky and large items



#### High grade chipboard decking

- Low cost option
- Max. load per level 550 kg
- 22 mm chipboard panel, quality V20E1
- Complete with galvanised support bars
- Chipboard panels sit flush with the upper edge of the stepped beams to protect panel edges from damage



#### High grade mesh decking

- Allows instant product identification for order pickers and lets light and water through
- Max. load per level 550 kg
- Galvanised wire-mesh segments sized
- Complete with galvanised support bars



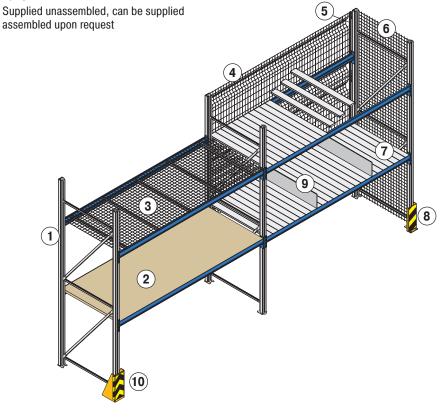
High grade steel panel decking

- Top quality
- Max. load per level 700 kg
- Steel panels are galvanised
- Drop-in steel panels sit flush with the upper edge of the stepped beams to protect panel edges from damage



#### Frames accept high loads max. bay load capacity 6200 kg

- Galvanised frames
- Galvanised base plates
- Upright width 60 mm





#### Beams: easy assembly - sturdy connection

- Height adjustable in 50 mm increments
- Epoxy-coated in gentian blue RAL 5010



#### Vast range of accessories for unsurpassed adaptability!

- Column guards and upright protectors prevent uprights from getting damaged due to negligent fork lift truck manoeuvring
- Wire-mesh back and side cladding keeps items from falling on aisles and walkways
- Dividers for steel panel decking allow fast subdivision of shelving levels
- Uprights are firmly anchored to the floor with anchor bolts

- Frame
- Chipboard shelf
- Wire-mesh decking
- Wire-mesh back cladding
- Bracket for back cladding
- Wire-mesh side cladding
- Steel panel decking
- Column guard L-shaped
- Dividers for steel panel decking
- 10 Column guard U-shaped







## Wide span shelving

#### with chipboard decking

Ideal for storing and picking unpalletised goods. High quality level decking!

- Shelf load: max. 550 kg
- Bay load: max. 3900 kg
- Beams are epoxy-coated in gentian blue RAL 5010, step height 23 mm
- Chipboard panels are 22 mm thick, quality
- Frames are supplied unassembled, galvanised finish
- **UDL** assumed for all load capacities



with 3 shelf levels

H x L x D: 2000 x 5580 x 600 mm

Ref. no. 19-44225



Length of

starter bay 1470 mm 1920 mm 2320 mm

2820 mm

Length of extension bay 1410 mm 1860 mm 2260 mm 2760 mm



**TOP SELLER** 

19-44225

More frames, level decking options and accessories from page 178

#### i BITO info

#### Assembly service

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.

Please note: Wide span shelving is not designed for fork lift truck servicing

					Shelving type	Starter bay	Extension bay
Shelving height	Bay width	External bay depth	Number of levels	Shelf load	Bay load	Ref. no.	Ref. no.
mm	mm	mm		kg	kg		
2000	1350	600	3	400	1200	19-25749	19-25751
		800	3	400	1200	19-25757	19-25759
		1100	3	400	1200	19-25765	19-25767
	1800	600	3	500	1500	19-44219	19-44222
		800	3	500	1500	19-44220	19-44223
		1100	3	500	1500	19-44221	19-44224
	2200	600	3	550	1650	19-44201	19-44204
		800	3	550	1650	19-44202	19-44205
		1100	3	550	1650	19-44203	19-44206
	2700	600	3	500	1500	19-25753	19-25755
			800	3	500	1500	19-25761
		1100	3	500	1500	19-25769	19-25771
2500	1350	600	4	400	1600	19-25773	19-25775
		800	4	400	1600	19-25781	19-25783
		1100	4	400	1600	19-25789	19-25791
	1800	600	4	550	2200	19-44213	19-44216
		800	4	550	2200	19-44214	19-44217
		1100	4	550	2200	19-44215	19-44218
	2200	600	4	550	2200	19-44207	19-44210
		800	4	550	2200	19-44208	19-44211
		1100	4	550	2200	19-44209	19-44212
	2700	600	4	500	2000	19-25777	19-25779
		800	4	500	2000	19-25785	19-25787
		1100	4	500	2000	19-25793	19-25795



## Wide span shelving

#### with drop-in steel panel decking

Ideal for storing and picking unpalletised goods. High quality level decking!

■ Shelf load: max. 700 kg Bay load: max. 6200 kg

Beams are epoxy-coated in gentian blue RAL 5010, step height 23 mm

Flat surfaced, galvanised steel panels allow convenient and effortless order picking

Frames are supplied unassembled, galvanised finish

**UDL** assumed for all load capacities



H x L x D: 2000 x 5580 x 600 mm

Ref. no. 19-44200



Length of starter bay 1470 mm 1920 mm 2320 mm

2820 mm

Length of extension bay 1410 mm 1860 mm 2260 mm 2760 mm



More frames, level decking options and accessories from page 178

#### i BITO info

#### Assembly service

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.

Please note: Wide span shelving is not designed for fork lift truck servicing

					Shelving type	Starter bay	Extension bay
Shelving height	Bay width	External bay depth	Number of levels	Shelf load	Bay load	Ref. no.	Ref. no.
mm	mm	mm		kg	kg		
2000	1350	600	3	400	1200	19-25797	19-25799
		800	3	400	1200	19-25813	19-25815
		1100	3	400	1200	19-25829	19-25831
	1800	600	3	500	1500	19-25801	19-25803
		800	3	500	1500	19-25817	19-25819
		1100	3	500	1500	19-25833	19-25835
	2200	600	3	550	1650	19-25805	19-25807
		800	3	550	1650	19-25821	19-25823
		1100	3	550	1650	19-25837	19-25839
	2700	600	3	700	2100	19-25809	19-25811
		800	3	700	2100	19-25825	19-25827
		1100	3	700	2100	19-25841	19-25843
2500	1350	600	4	400	1600	19-25845	19-25847
		800	4	400	1600	19-25861	19-25863
		1100	4	400	1600	19-25877	19-25879
	1800	600	4	500	2000	19-25849	19-25851
		800	4	500	2000	19-25865	19-25867
		1100	4	500	2000	19-25881	19-25883
	2200	600	4	550	2200	19-25853	19-25855
		800	4	550	2200	19-25869	19-25871
		1100	4	550	2200	19-25885	19-25887
	2700	600	4	700	2800	19-25857	19-25859
		800	4	700	2800	19-25873	19-25875
		1100	4	700	2800	19-25889	19-25891

## **Frames**





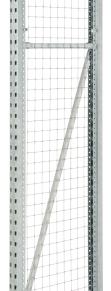
- Available in a variety of height, depth and load capacity options to suit any application
- Frames are to be assembled on site by bolting together uprights with horizontal and diagonal
- Robust base plates, bolt-on fitting to uprights to make a very solid connection
- Base plates come pre-drilled for optional floor anchoring
- All components galvanised

	for a shelving depth of	600 mm	800 mm	1100 mm
Height	Upright type	Ref. no.	Ref. no.	Ref. no.
mm				
2000	F2	19-25287	19-25290	19-25293
	F3	19-25296	19-25300	19-25304
2500	F2	19-25288	19-25291	19-25294
	F3	19-25297	19-25301	19-25305
3000	F2	19-25289	19-25292	19-25295
	F3	19-25298	19-25302	19-25306
3500		19-25299	19-25303	19-25307

#### Frames for wide span shelving, assembled

	for a shelving depth of	600 mm	800 mm	1100 mm
Height	Upright type	Ref. no.	Ref. no.	Ref. no.
mm				
2000	F2	19-25267	19-25270	19-25273
	F3	19-25276	19-25279	19-25283
2500	F2	19-25268	19-25271	19-25274
	F3	19-25277	19-25280	19-25284
3000	F2	19-25269	19-25272	19-25275
	F3	19-25278	19-25281	19-25285
3500		19-25308	19-25282	19-25286

Level spacing (FA)	Bay load Q <sub>max</sub>		<u> </u>
	Upright type F2	Upright type F3	kg = 100%
mm	kg	kg	2 - 100%
400	3900	6200	1 2 3
600	2975	5500	FA
800	2050	4800	
1000	1775	3900	1 2
1200	1500	3000	kg -10%
1400	1225	2675	
1600	950	2350	1 mil



#### Wire-mesh side cladding

- Keeps items from falling down sideways
- Grid infill 50 x 50 mm
- Galvanised

for a shelving depth of	600 mm	800 mm	1100 mm
Height	Ref. no.	Ref. no.	Ref. no.
mm			
2000	19-47963	19-47964	19-47965
2500	19-47966	19-47967	19-47968
3000	19-47969	19-47970	19-47971



## **Complete levels**

#### Perfect for order picking

- Complete levels with a load capacity of 400 to 700 kg to suit many storage applications
- Delivery includes stepped beams type WT
- The robust step of the beam covers the edges of chipboard or steel panels and protects them from potential damage during pallet infeeding and outfeeding

#### With chipboard decking

- Unbeatable price-performance ratio
- Chipboard panels are 22 mm thick, quality V20 E1

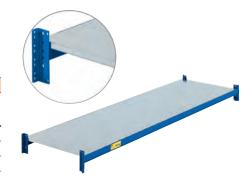
	for a shelving depth of	600 mm	800 mm	1100 mm
Bay width	Load capacity	Ref. no.	Ref. no.	Ref. no.
mm	kg			
1350	400 kg	19-25617	19-25619	19-25615
1800	500 kg	19-13098	19-13106	19-13114
2200	550 kg	19-13100	19-13108	19-13116
2700	500 kg	19-13102	19-13110	19-13118



#### With drop-in steel panel decking

- Safe storage of heavy loads of up to 700 kg per level
- Flat surfaced, galvanised steel panels allow convenient and effortless order picking

	for a shelving depth of	600 mm	800 mm	1100 mm
Bay width	Load capacity	Ref. no.	Ref. no.	Ref. no.
mm	kg			
1350	400 kg	19-25611	19-25613	19-25609
1800	500 kg	19-17636	19-17637	19-17638
2200	550 kg	19-17639	19-17640	19-17641
2700	700 kg	19-17642	19-17643	19-17644



#### With wire mesh shelves

- Ideal for order picking (lets light and water through)
- Grid infill 50 x 50 mm, galvanised
- Easy picking even in poor light conditions

	for a shelving depth of	600 mm	800 mm	1100 mm
Bay width	Load capacity	Ref. no.	Ref. no.	Ref. no.
mm	kg			
1350	400 kg	19-28785	19-28795	19-28805
1800	500 kg	19-28787	19-28797	19-28807
2200	550 kg	19-28789	19-28799	19-28809
2700	500 kg	19-28791	19-28801	19-28811
	700 kg	19-28793	19-28803	19-28813





## **Complete levels**

#### **Accessories**







B Wire-mesh back cladding



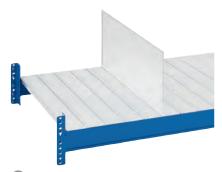
Bracket for back cladding











Cross dividers

Pos.	Description			Dimensions	Pcs/ pack	Ref. no.
				mm		
A Co	Column guards	compliant with the latest health and safety regulations stipulating that column guards must be fitted at the ends of each racking row, epoxy-coated in signal yellow, RAL 1003, yellow/black signal striping according to DIN 4844, for 2 side and for 3 side protection, reliable protection for shelving and racking as well as service vehicles, clearly reduces damage to uprights and columns, thereby reducing idle times and costs, increased operator safety	L-shaped for 2-sided protection	L 165 x W 165 x H 400	1	66-4585
			U-shaped for 3-sided protection	L 227 x W 164 x H 400	1	66-29123
BV	Wire-mesh back			W 1350 x H 1000	1	66-27793
	cladding			W 1350 x H 1500	1	66-27799
				W 1800 x H 1000	1	66-27794
				W 1800 x H 1500	1	66-27800
				W 2200 x H 1000	1	66-27795
				W 2200 x H 1500	1	66-27801
				W 2700 x H 1000	1	66-27796
				W 2700 x H 1500	1	66-27802
	Bracket for back cladding	r back galvanised, for mounting wire-mesh back cladding, including fixings	left-hand side	-	1	19-27200
			right-hand side	-	1	19-27201
D	Anchor bolts	Ø 10 mm, steel grade 10/20, 2 floor anchors required per frame	M10-20 galvanised (pack of 10 pcs.)	L 20	10	66-3408
<b>B</b>	Shims	1 mm thick, galvanised, to compensate floor unevenness	for wide span shelving	-	20	19-26451
B	Cross dividers	ers galvanised, easy to assemble, including fixings	for steel panels	H 250 x D 600	1	19-18926
				H 250 x D 800	1	19-18927
				H 250 x D 1100	1	19-18928

# **European size stacking containers XL**

#### standard version

Our all-rounder for a broad range of applications

- Large volume
- From hardwearing polypropylene
- Extremely strong







	Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Colour	Ref. no.
	mm	mm	mm	Litres	kg	kg			
•	600 x 400	320	568 x 368 x 316	62	20	300	XL64321		43-18498

## **European size stacking containers XL**

## with ready-mounted runners and closed sides

Safe, clean and strong – a valuable asset to production logistics in any sector

- Containers are the size of half a Euro pallet
- Load capacity 200 kg
- 5 height options
- Also available without runners
- Containers with lid and pick opening





Outside dimen- sions L x W	Height	Inside dimensions L x W x H	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	mm	Litres	kg	kg		
800 x 600	620	762 x 562 x 501	206	200	800	XL86521DKUFE	43-22585

## Multi-purpose containers MB with double base

## with hinged interlocking lid and fork entry shoes

Our large volume containers 800 x 600 mm are nestable even if fork entry shoes are mounted!

- Our formula: 3 in 1! Ideal for storage, order picking and transport
- First container that can be nested with fork entry shoes mounted
- Nest to reduce volume for empty storage and transportation
- Easy to handle, integral grip





Outside dimen- sions L x W	Height	Volume	Load capacity	Stacking load	Container type	Ref. no.
mm	mm	Litres	kg	kg		
800 x 600	553	147	200	300	MBD86421DKUFE	6-15319

## **Hand pallet trucks**

## Hand pallet trucks

Ideal for lifting, moving and positioning heavy or awkward loads

- Designed for in-house transport of palletised loads
- Suited for the professional handling of palletised loads and mesh box pallets in demanding environments
- Turning angle 2 x 105°, tandem load rollers, stair climber rollers at fork tips
- Load capacity 2500 kg!

Load capacity	Width over forks	Fork dim. L x W	Load roller ma- terial	Swivel castor material	Ref. no.
kg	mm	mm			
2500	530	1150 x 160	polyurethane	solid rubber	22-21229



# Pallet racking

## **PRO Pallet racking**

# We know how to handle pallets!

BITO PRO pallet racking is manufactured in Meisenheim with state-of-the-art production methods and in accordance with the most demanding industry standards. Utmost precision in profile bending and durable epoxy coating are only some features of our products. Another benefit is our wide range of practical accessories to suit any storage requirement.

Benefit from manufacturer competence: our professional sales teams know the trade and ensure that your storage solution has the perfect fit.

Our components are galvanised or epoxy-coated for high corrosion resistance.

**Please note:** This racking system has been designed for in-door use only. The indicated load capacities are not valid for earthquake hazard zones. If your storage and order picking facility is intended for use in a seismic hazard zone, please inform BITO in advance!



All shelving and racking components fully comply with the latest German and international health and safety regulations (EN 15512 / BGR 234).



BITO pallet racking is manufactured to RAL-RG 614/2 standards. This quality mark confirms that all our products are of superior

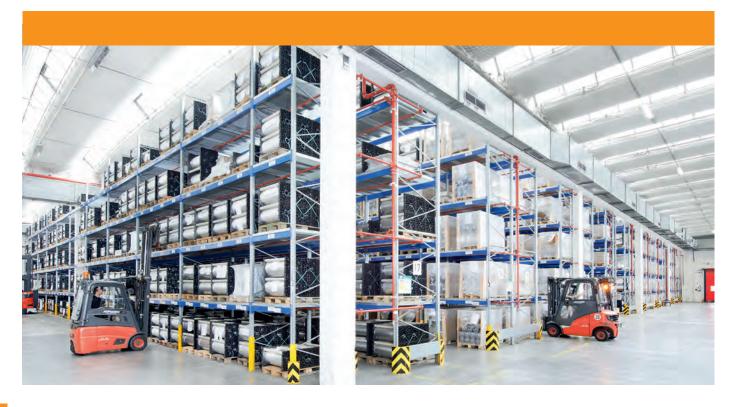


#### **DIN EN ISO 9001 compliance**

The manufacturing process as well as the entire organisational structure at BITO are in line with **DIN EN ISO 9001** requirements.

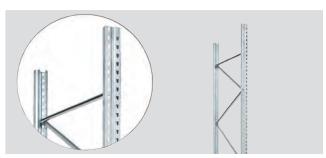








# We know how to handle pallets!



## Sturdy frames for extremely high loads

- Made from top quality strip steel
- Supplied unassembled, can also be supplied fully assembled
- Galvanised
- Level spacing adjustable in 50 mm increments
- Including fixing material and shims

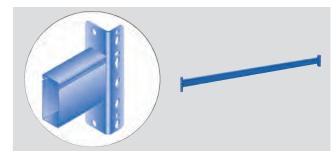


## Drop-on decking for box-type beams

- Chipboard panels
- 2 Drop-over steel panels
- Mesh decks
- 4 Light-duty wire-mesh deck segments, galvanised

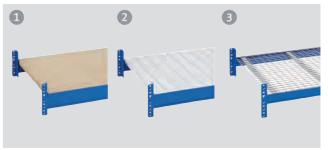
# Broad range of accessories and safety equipment for any storage application

- 1 Column guard L-shaped
- Column guard U-shaped
- Upright protector
- 4 Fencing
- Back stop
- 6 Back cladding
- Bracket for back stop and back cladding
- 8 Frame extension
- Spacer for back-to-back rows



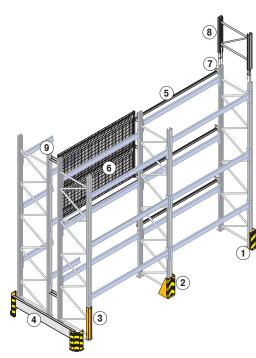
# Beams from one-of-a-kind BITO-Twintop® profiles

- Provide excellent lengthwise rigidity to racking construction
- Innovative profile geometry
- Beams can be adjusted in height on a 50 mm pitch, thus allowing optimum adaptation to loading heights
- Scratch resistant epoxy coating
- Each hook connector has 5 hooks



## **Drop-in decking for stepped beams**

- Chipboard panels
- 2 Drop-in steel panels
- Mesh decks



## Pallet racking - complete units

pallet weight 600 kg, bay width 2700 mm

Attractive price-performance ratio

- Suited for Euro pallets handled short side facing
- Beams are epoxy-coated in gentian blue, RAL 5010
- Level spacing adjustable in 50 mm increments
- Including fixing material and 4 anchor anchor bolts per frame for floor anchoring
- Frames are supplied unassembled
- UDL assumed for all load capacities



## i

#### Assembly service

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.

Racking length approx.	Shelving height	External bay depth	Loading direction	Number of bays	Number of beam levels	Load per level	Bay load	Upright type	Maximum level spacing	Total capacity in Euro pallets	Ref. no.
	mm	mm				kg	kg		mm		
5670	2500	1100	short side facing	2	2	1800	3600	P1	2000	18	66-42134
	3000	1100	short side facing	2	2	1800	3600	P1	2200	18	66-42143
	3500	1100	short side facing	2	2	1800	3600	P1	2200	18	66-42152
	4000	1100	short side facing	2	2	1800	3600	P1	2500	18	66-42161
	4000	1100	short side facing	2	3	1800	5400	P1	1500	24	66-42170
	4500	1100	short side facing	2	2	1800	3600	P1	2200	18	66-42179
	4500	1100	short side facing	2	3	1800	5400	P1	1500	24	66-42188
8460	2500	1100	short side facing	3	2	1800	3600	P1	2000	27	66-42135
	3000	1100	short side facing	3	2	1800	3600	P1	2200	27	66-42144
	3500	1100	short side facing	3	2	1800	3600	P1	2200	27	66-42153
	4000	1100	short side facing	3	2	1800	3600	P1	2500	27	66-42162
	4000	1100	short side facing	3	3	1800	5400	P1	1500	36	66-42171
	4500	1100	short side facing	3	2	1800	3600	P1	2200	27	66-42180
	4500	1100	short side facing	3	3	1800	5400	P1	1500	36	66-42189

## Extension bays for pallet racking, pallet weight 600 kg



				Racking length approx.	1890 mm	2790 mm
For a shelving height of	External bay depth	Loading direction	Number of beam levels	Upright type	Ref. no.	Ref. no.
mm	mm					
2500	1100	short side facing	2	P1	66-42812	66-42761
3000	1100	short side facing	2	P1	66-42813	66-42762
3500	1100	short side facing	2	P1	66-42814	66-42763
4000	1100	short side facing	2	P1	66-42815	66-42764
4000	1100	short side facing	3	P1	66-42816	66-42765
4500	1100	short side facing	2	P1	66-42817	66-42766
4500	1100	short side facing	3	P1	66-42818	66-42767

#### **Accessories**

A Beams







Pos.	Descrip	tion	Dimensions	Beam profile	Ref. no.	
			mm			
A	Beams BITO TwinTop®		L 1800 x H 95	PT 95L	66-23656	
		profile, type 95L	L 2700 x H 95	PT 95L	66-23658	
B	Column L-shaped for guards 2-sided protection		L 165 x W 165 x H 400	-	66-4585	



## Pallet racking - complete units

## pallet weight 800 kg, bay width 2700 mm

Benefit from excellent workmanship!

- Suited for Euro pallets handled short side facing
- Beams are epoxy-coated in gentian blue, RAL 5010
- Level spacing adjustable in 50 mm increments
- Including fixing material and 4 anchor anchor bolts per frame for floor anchoring
- Frames are supplied unassembled
- UDL assumed for all load capacities



#### i

#### **Assembly service**

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.

Racking length approx.	Shelving height	External bay depth	Loading direction	Number of bays	Number of beam levels	Load per level	Bay load	Upright type	Maximum level spacing	Total capacity in Euro pallets	Ref. no.
	mm	mm				kg	kg		mm		
5670	2500	1100	short side facing	2	2	2400	4800	P1	2000	18	66-42287
	3000	1100	short side facing	2	2	2400	4800	P1	2200	18	66-42296
	3500	1100	short side facing	2	2	2400	4800	P1	2200	18	66-42305
	4000	1100	short side facing	2	2	2400	4800	P1	2200	18	66-42314
	4000	1100	short side facing	2	3	2400	7200	P2	1750	24	66-42323
	4500	1100	short side facing	2	2	2400	4800	P1	2200	18	66-42332
	4500	1100	short side facing	2	3	2400	7200	P2	1750	24	66-42341
8460	2500	1100	short side facing	3	2	2400	4800	P1	2000	27	66-42288
	3000	1100	short side facing	3	2	2400	4800	P1	2200	27	66-42297
	3500	1100	short side facing	3	2	2400	4800	P1	2200	27	66-42306
	4000	1100	short side facing	3	2	2400	4800	P1	2200	27	66-42315
	4000	1100	short side facing	3	3	2400	7200	P2	1750	36	66-42324
	4500	1100	short side facing	3	2	2400	4800	P1	2200	27	66-42333
	4500	1100	short side facing	3	3	2400	7200	P2	1750	36	66-42342

## Extension bays for pallet racking, pallet weight 800 kg



				Racking length approx.	1890 mm	2790 mm
For a shelving height of	External bay depth	Loading direction	Number of beam levels	Upright type	Ref. no.	Ref. no.
mm	mm					
2500	1100	short side facing	2	P1	66-42812	66-42778
3000	1100	short side facing	2	P1	66-42813	66-42779
3500	1100	short side facing	2	P1	66-42814	66-42780
4000	1100	short side facing	2	P1	66-42815	66-42781
4000	1100	short side facing	3	P2	66-42833	66-42782
4500	1100	short side facing	2	P1	66-42817	66-42783
4500	1100	short side facing	3	P2	66-42835	66-42784

### **Accessories**







Pos.	Descript	tion	Dimensions	Beam profile	Ref. no.
			mm		
A	Beams	BITO TwinTop® profile, type 95L	L 1800 x H 95	PT 95L	66-23656
		BITO TwinTop® profile, type 110L	L 2700 x H 110	PT 110L	66-23650
B	Column guards	L-shaped for 2-sided protection	L 165 x W 165 x H 400	-	66-4585

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A Beams

## Pallet racking - complete units

pallet weight 1000 kg, bay width 2700 mm

Load capacities per level up to 3000 kg

- Suited for Euro pallets handled short side facing
- Beams are epoxy-coated in gentian blue, RAL 5010
- Level spacing adjustable in 50 mm increments
- Including fixing material and 4 anchor anchor bolts per frame for floor anchoring
- Frames are supplied unassembled
- **UDL** assumed for all load capacities



#### Assembly service

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.



Racking length approx.	Shelving height	External bay depth	Loading direction	Number of bays	Number of beam levels	Load per level	Bay load	Upright type	Maximum level spacing	Total capacity in Euro pallets	Ref. no.
	mm	mm				kg	kg		mm		
5670	2500	1100	short side facing	2	2	3000	5400	P1	2000	18	66-42440
	3000	1100	short side facing	2	2	3000	5400	P1	2000	18	66-42449
	3500	1100	short side facing	2	2	3000	5400	P1	2000	18	66-42458
	4000	1100	short side facing	2	2	3000	5400	P1	2000	18	66-42467
	4000	1100	short side facing	2	3	3000	8400	P2	1250	24	66-42476
	4500	1100	short side facing	2	2	3000	5400	P1	2000	18	66-42485
	4500	1100	short side facing	2	3	3000	8400	P2	1250	24	66-42494
8460	2500	1100	short side facing	3	2	3000	5700	P1	2000	27	66-42441
	3000	1100	short side facing	3	2	3000	5700	P1	2000	27	66-42450
	3500	1100	short side facing	3	2	3000	5700	P1	2000	27	66-42459
	4000	1100	short side facing	3	2	3000	5700	P1	2000	27	66-42468
	4000	1100	short side facing	3	3	3000	8800	P2	1250	36	66-42477
	4500	1100	short side facing	3	2	3000	5700	P1	2000	27	66-42486
	4500	1100	short side facing	3	3	3000	8800	P2	1250	36	66-42495

## Extension bays for pallet racking, pallet weight 1000 kg



				Racking length approx.	1890 mm	2790 mm
For a shelving height of	External bay depth	Loading direc- tion	Number of beam levels	Upright type	Ref. no.	Ref. no.
mm	mm					
2500	1100	short side facing	2	P1	66-42846	66-42795
3000	1100	short side facing	2	P1	66-42847	66-42796
3500	1100	short side facing	2	P1	66-42848	66-42797
4000	1100	short side facing	2	P1	66-42849	66-42798
4000	1100	short side facing	3	P2	66-42850	66-42799
4500	1100	short side facing	2	P1	66-42851	66-42800
4500	1100	short side facing	3	P2	66-42852	66-42801

### **Accessories**





B Column gua
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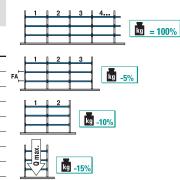
Pos.	Descripti	ion	Dimensions	Beam profile	Ref. no.
			mm		
A	Beams	BITO TwinTop® profile, type 95L	L 1800 x H 95	PT 95L	66-23656
		BITO TwinTop® profile, type 120M	L 2700 x H 120	PT 120M	66-23660
B	Column guards	L-shaped for 2-sided protection	L 165 x W 165 x H 400	-	66-4585

A Beams

# Pallet racking

# **Pallet racking frames**

Suited for beam type	Level spacing (FA)	Bay load Q <sub>max</sub>			
		Upright type P1	Upright type P2	Upright type P3	Upright type P4
	mm	kg	kg	kg	kg
PT95L	1500	6000	8860	11720	13900
	2000	5560	7460	8900	10360
	2500	4580	5920	6660	7680
PT110L	1500	6000	8860	11720	15260
	2000	5720	7460	8900	12620
	2500	4880	6200	6660	9720
PT120M	1500	6000	9175	12100	15750
	2000	6000	7680	10240	14000
	2500	4880	6820	9140	11780



All values refer to a bay width of 2700 mm and racking rows of at least 4 bays. Shorter racking rows have a lower load capacity (cf. drawing on the right); the same applies to 3600 mm wide bays (please ask our team!).

## **Unassembled**

- Made from top quality strip steel
- Level spacing adjustable in 50 mm increments
- Delivery includes 2 uprights with base plate, horizontal and diagonal struts
- Fixed with 2 anchor bolts per base plate to avoid torsion, supplied with anchor bolts and 2 shims (1.5 mm thick) per frame
- Frames are supplied 1100 or 800 mm deep to allow long side on or short side on pallet handling

		Frame depth	1100 mm	800 mm
Frame height	Upright type	Bay load	Ref. no.	Ref. no.
		kg		
2000	P1	6000	66-25216	66-25217
2500	P1	6000	66-25214	66-25215
2500	P2	9175	66-24551	66-24553
3000	P1	6000	66-25212	66-25213
3000	P2	9175	66-25199	66-25200
3500	P1	6000	66-25210	66-25211
3500	P2	9175	66-25197	66-25198
3500	P3	12100	66-26078	66-26077
4000	P1	6000	66-25208	66-25209
4000	P2	9175	66-25195	66-25196
4000	P3	12100	66-25182	66-25183
4500	P1	6000	66-25206	66-25207
4500	P2	9175	66-25193	66-25194
4500	P3	12100	66-25180	66-25181
4500	P4	15750	66-26080	66-26079
5000	P4	15750	66-25165	66-25166



**→** 

More frame height options on shop.bito.com or call us on 0 67 53 122-789

# **Complete levels**



#### **Assembled**

- Our customer service: bolted frames, supplied ready-mounted
- Made from top quality strip steel
- Level spacing adjustable in 50 mm increments
- Delivery includes 2 uprights with base plate, horizontal and diagonal struts
- Fixed with 2 anchor bolts per base plate to avoid torsion, supplied with anchor bolts and 2 shims (1.5 mm thick) per frame
- Frames are supplied 1100 or 800 mm deep to allow long side on or short side on pallet handling

		Frame depth	1100 mm	800 mm
Frame height	Upright type	Bay load	Ref. no.	Ref. no.
		kg		
2000	P1	6000	66-24521	66-24520
2500	P1	6000	66-24523	66-24522
2500	P2	9175	66-24548	66-24552
3000	P1	6000	66-24525	66-24524
3000	P2	9175	66-24539	66-24538
3500	P1	6000	66-24527	66-24526
3500	P2	9175	66-24541	66-24540
3500	P3	12100	66-26074	66-26073
4000	P1	6000	66-24529	66-24528
4000	P2	9175	66-24543	66-24542
4000	P3	12100	66-24557	66-24556
4500	P1	6000	66-24531	66-24530
4500	P2	9175	66-24545	66-24544
4500	P3	12100	66-24559	66-24558
4500	P4	15750	66-26076	66-26075
5000	P4	15750	66-24575	66-24574



More frame height options on **shop.bito.com** or call us on **0 67 53 122-789** 

## Accessories



Pos.	Description			Upright type	Pcs/ pack	Ref. no.
A	Shims	galvanised, for compensating floor unevenness, easy to slide under the base plates of frames, can also be retro-fitted, shimming is only admissi-	for pallet racking, material thickness 4 mm	P1 - P3	1	66-22830
		ble up to 10 mm max. per base plate, for any floor unevenness exceeding 10 mm it is imperative to use longer anchor bolts	for pallet racking, material thickness 1.5 mm (pack of 20 pcs)	P1 - P3	20	66-27219
B	Anchor bolts	Ø 10 mm, steel grade 10/20, 2 floor anchors required per frame	M10-20 galvanised (pack of 10 pcs.)	-	10	66-3408
G	Column guards		L-shaped for 2-sided protection	P1-P12	1	66-4585



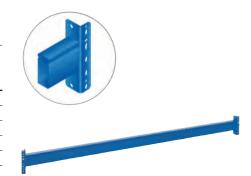
## **Beams**

## BITO TwinTop® profile

- 5 hooks per connector provide reliable form and force locking
- Gives excellent lengthwise rigidity to racking construction
- Height adjustable on a 50 mm pitch allowing optimum adaptation to the dimensions of stocked loads
- **■** Epoxy-coated in gentian blue, RAL 5010



Beam length	Load cap. per pair of beams	Beam profile	Ref. no.
mm	kg		
1350	2000	PT 95L	66-24891
1800	2500	PT 95L	66-23656
2200	2100	PT 95L	66-23652
2700	1800	PT 95L	66-23658
	2400	PT 110L	66-23650
	3050	PT 120M	66-23660
	4250	PT 150M	66-28621
3300	2350	PT 120M	66-23654
	3500	PT 150M	66-28623
3600	2400	PT 130M	66-23664
	3200	PT 150M	66-27655
	4000	PT 170S	66-23670



## **Accessories**



Pos.	Description		For a shelving depth of	Load cap./pce	Ref. no.
			mm	kg	
A	Pallet support bars	efficient pallet support; easy drop-on fitting onto beams, drill bolt-fixing possi-	800	640	66-29295
		ble to prevent pallet support bars from being pushed sideways, galvanised, 2 required per pallet position	1100	440	66-29300
В	Pallet support bars,	efficient pallet support; easy drop-on fitting onto beams, designed for safe	800	1350	66-30603
	timber topped, unassembled	storage of tools and sheet material, pallet support bar galvanised, squared timber bars 80 x 80 mm, with 2 drilled holes each to accept round head screws M10 x 100, 2 required per pallet position	1100	1090	66-30605
3	Support trays, with back	suited for PT beams, the support tray prevents containers, wire-mesh box	800	1000	66-28226
	stop	pallets and pallets (whether handled short side or long side facing) from being pushed too far back or dislodged	1100	1000	66-28230

# Level decking options to fit BITO-TwinTop® beams

## i BITO info

Do not exceed maximum beam load capacities. Beams are not included in the price.

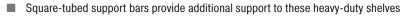


## Chipboard panels with 4 positioning angles each

- Classic drop-on decking option that suits most applications
- Chipboard panels are 38 mm thick, quality V20 E1
- Positioning angles are galvanised
- Supplied with fixing material for bolt-on mounting to BITO TwinTop® beams
- Please order BITO TwinTop® beams separately

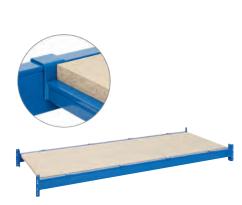
External bay depth	1100 mm	1100 mm		
Suited for a beam length of	Load cap. per level			Ref. no.
mm	kg		kg	
1350	650	66-8807	1200	66-19377
1800	900	66-8810	1600	66-19378
2200	1100	66-8811	1950	66-19379
2700	1350	66-8812	1650	66-19380
3300	1650	66-8813	1400	66-19381
3600	1800	66-8814	1300	66-19382





- Level decking sits flush with the box-type beams
- Chipboard panels are 38 mm thick, quality V20 E1
- Pallet support bars are epoxy-coated in gentian blue, RAL 5010
- Supplied with support bars
- Please order BITO TwinTop® beams separately

	External bay depth	1100 mm		800 mm	
Suited for a beam length of	Number of support bars	Load cap. per level	Ref. no.	Load cap. per level	Ref. no.
mm		kg		kg	
1350	3	1500	66-29353	1500	66-29347
1800		2200	66-29354	1800	66-29348
2200	4	2200	66-29355	2200	66-29349
2700		3000	66-29356	2200	66-29350
3300	5	3300	66-29357	2800	66-29351
3600		3300	66-29358	2300	66-29352





### i BITO info

Do not exceed maximum beam load capacities. Beams are not included in the price.

## **Drop-on steel panels**

- Suited for particularly high beam load capacities
- The lipped short sides of the panels sit flush on the beams
- Level decking consisting of individual steel panels
- Please order BITO TwinTop® beams separately

	External bay depth	1100 mm	800 mm
Suited for a beam length of	Load cap. per level	Ref. no.	Ref. no.
mm	kg		
1350	1500	66-19005	66-18999
1800	2000	66-19006	66-19000
2200	2200	66-19007	66-19001
2700	3050	66-19008	66-19002
3300	3300	66-19009	66-19003
3600	4000	66-19010	66-19004



## Hot-dip galvanised mesh decks for box type beams

- Good air circulation and water permeability
- Ideal for warehouses in which a sprinkler system has to be installed
- Lipped edges allow flush drop-on fitting on beams without adding to the level height
- Grid infill 66 x 33 mm
- Mesh decking accepts high load capacities
- Force-fit connection of grid bars with the angled frame makes mesh decks particularly suited for heavy duty applications
- Easy and fast drop-on fitting onto the box-type beams
- Stocked goods can also be identified from a lower position
- Please order BITO TwinTop® beams separately

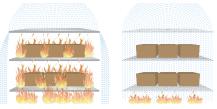
		External bay depth	1100 mm	800 mm
Description	Suited for a beam length of	Load cap. per level	Ref. no.	Ref. no.
	mm	kg		
1 segment	1350	900	66-40876	
		1500	66-40877	66-40870
	1800	1200	66-40878	
		2000	66-40879	66-40871
2 segments	2200	2400	66-40880	66-40872
	2700	1800	66-40881	
		3000	66-40882	66-40873
	3300	3600	66-40883	66-40874
	3600	2400	66-40884	
		4000	66-40885	66-40875



# Level decking options to fit BITO-TwinTop® beams

## **Drop-on wire shelves**





Left: fire propagation with solid steel sheet shelves Right: fire propagation with wire-mesh shelves that allow water to pass

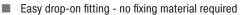
## **Drop-on wire shelves**

- Low cost alternative to hot-dipped galvanized mesh decks
- Good air circulation and water permeability
- Comply with fire prevention regulations to protect your warehouse water permeability exceeds 70%
- Ideal for storing and picking cartons, bins and containers
- No sharp edges that could cause damage to cartons and reduce picking speed
- Easy and fast drop-on fitting onto beams
- Supplied with support bars already welded to the segments
- Please order BITO TwinTop® beams separately

External bay depth	Suited for a beam length of	Segment dimensions	Load cap. per level	Ref. no.
mm	mm	mm	kg	
800	1350	1325x800	500	66-44412
		1325x800	1000	66-40517
	2700	1325x800	1000	66-44413
		1325x800	2000	66-40518
1100	1350	1325x1100	1000	66-40510
	1800	890x1100	500	66-44414
		890x1100	1500	66-40511
		890x1100	2000	66-40512
	2700	890x1100	750	66-44415
		1325x1100	2000	66-40513
		1325x1100	3000	66-40514
	3600	890x1100	1000	66-44416
		890x1100	3000	66-40515
		890x1100	4000	66-40516

## Individual mesh deck segments





External bay depth	Segment dimensions	Load cap. per segment	Ref. no.
mm	mm	kg	
800	1325x800 mm	500	66-44410
		1000	66-40522
1100	890x1100 mm	250	66-44411
		750	66-40520
		1000	66-40519
	1325x1100 mm	1000	66-40521



## **Accessories**







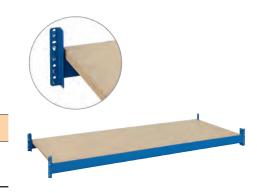
Pos.	Description		For a shelv- ing depth of	Ref. no.
			mm	
A	Support bars	can be retro-fitted, for pallet racking, from robust square	800	66-29334
		tube, for 38 mm thick chipboard decking, epoxy-coated in gentian blue, RAL 5010, can be retro-fitted	1100	66-29344
B	Drop-on	to fit BITO-TwinTop® beams, 300 mm wide, can be	800	66-18994
	steel panels	retro-fitted	1100	66-18993

# **Complete levels**

## With chipboard decking, including stepped beams type PS

- Classic drop-in decking option that suits most applications
- Chipboard panels are 38 mm thick, quality V20 E1
- The robust step of the beam covers the cut edges of the chipboard panels and protects them from potential damage during pallet infeeding and outfeeding

	External bay depth	1100 mm		800 mm	
Suited for a beam length of	Beam profile	Load cap. per level	Ref. no.	Load cap. per level	Ref. no.
mm		kg		kg	
1350	PS 119L	650	66-25936	1200	66-25940
1800		900	66-25942	1600	66-25946
2200		1100	66-25948	1950	66-25952
2700		1350	66-25954	1650	66-25958
3600		1300	66-33293	1300	66-33291



## With wire mesh shelves, including stepped beams type PS

- Picking levels allow light and water penetration
- Drop-in mesh deck, mesh width 50 x 50 mm, galvanised
- Easy picking even in poor light conditions
- The robust step of the beam covers the cut edges of the chipboard panels and protects them from potential damage during pallet infeeding and outfeeding

		External bay depth	1100 mm	800 mm
Suited for a beam length of	Beam profile	Load cap. per level	Ref. no.	Ref. no.
mm		kg		
1350	PS 67L	400	66-28835	66-28825
1800		500	66-28837	66-28827
2200		550	66-28839	66-28829
2700		500	66-28841	66-28831
	PS 69L	700	66-28843	66-28833



## With drop-in steel panel decking, including stepped beams type PS

- Safe storage of heavy loads up to 1600 kg per level
- Galvanised high grade steel panels
- The robust step of the beam covers the cut edges of the chipboard panels and protects them from potential damage during pallet infeeding and outfeeding
- Galvanised steel panels with a smooth and flat surface allow convenient and effortless order picking

		External bay depth	1100 mm	800 mm
Suited for a beam length of	Beam profile	Load cap. per level	Ref. no.	Ref. no.
mm		kg		
1350	PS 69L	975	66-27184	66-27182
1800		1000	66-27190	66-27188
	PS 104L	1260	66-25906	66-25910
2200		1540	66-25912	66-25916
2700		1600	66-25918	66-25922
3600		1250	66-33295	66-33294



## **Extraction units**



Everything within easy reach!

## Extraction units — designed for ergonomic working

- Ideal, strain-free order picking from 3 sides
- For pallets handled long side on and a size of 1200 x 800 mm
- Floor mounted or beam mounted unit
- Supplied with safety locking mechanism for use as beam mounted unit
- Pallets can be pulled out from the racking without effort
- Hard wearing steel construction with smoothly operating, sealed roller bearings
- Designed for a racking depth of 1100 mm
- Epoxy-coated in gentian blue RAL 5010
- Floor mounted unit supplied with 700 mm handle

Description	Height adjustment range	Pull-out capacity	Load capacity	Ref. no.
	mm		kg	
for use as beam	90	70 %	600	34-33200
mounted unit			800	34-33201
for use as floor	80	85 %	800	34-33195
mounted unit			1000	34-33196



Scan this QR code:

## Product video Extraction Unit

www.bito.com/qr-azv-int

### i BITO info

#### Please note:

Pulling out a beam mounted extraction unit creates an off-centre load, i.e. the front beam will carry the entire admissible load per level.

For this reason, pallet racking with extraction units require beams with double load capacity and the beams must be bolted to the uprights!

Make sure that you only pull out 1 extraction unit at a time in racking with several extraction units per level or per bay. Immediately push back the extraction unit after use and lock it!

Extraction units for load carriers with other dimensions are available upon request.







Suitable bins from page 46

# Fencing kit

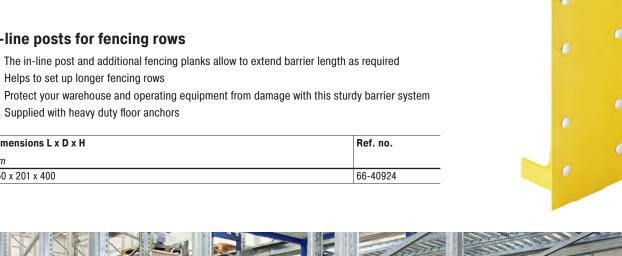
## Fencing kit

- Protect short sides of shelving and racking runs and increase operator safety
- Since this fencing kit includes two column guards, no extra column guards are required to protect the ends of a racking row
- Epoxy-coated in signal yellow, RAL 1003, yellow/black signal striping according to DIN 4844
- Galvanised steel sheet plank
- Delivery includes fixing material and heavy duty floor anchors
- Compliant with the latest health and safety regulations
- Clearly reduces damage to uprights and columns, thereby reducing idle times and costs
- Add a second steel plank for increased safety

	Fencing kit	Additional fencing planks
Dimensions L x D x H	Ref. no.	Ref. no.
mm		
1200 x 270 x 400	66-40937	66-40933
2500 x 270 x 400	66-40936	66-40932

## In-line posts for fencing rows

Dimensions L x D x H	Ref. no.
mm	
250 x 201 x 400	66-40924









**Shelving & racking protection** 



























## **Upright protectors**

- Provide protection against collision damage and prevent downtimes
- Epoxy-coating in signal yellow, RAL 1003, provides high visibility
- Bolt-on fixing to upright no floor fixing to prevent damage to flooring if upright is hit by a
- Designed to fit BITO pallet racking PRO
- Delivery includes fixing material
- Material steel

Height	Width	Upright type	Ref. no.
mm	mm		
715	80	P1	66-31000
	90	P2	66-31001
	100	P3	66-31002
	120	P4-6	66-31003



Scan this QR code:

## Product video on upright protectors

www.bito.com/ qr-stuetzenschutz-int



## Column guards

- Compliant with the latest health and safety regulations stipulating that column guards must be fitted at the ends of each racking row
- Epoxy-coated in signal yellow, RAL 1003, yellow/black signal striping according to DIN 4844
- For 2 side and for 3 side protection
- Reliable protection for shelving and racking as well as service vehicles
- Clearly reduces damage to uprights and columns, thereby reducing idle times and costs
- Increased operator safety

Height mm	Description	Features	Upright type	Ref. no.
400	L-shaped for 2-sided protection	supplied with 4 heavy duty floor anchors Ø 12 mm	P1-P12	66-4585
	U-shaped for 3-sided	supplied with 4 chemical floor anchors	P1-P3	66-29123
	protection	M12	P4-P12	66-29125



More info on our upright types from page 188



# Flexible upright protectors

- Optimum protection for shelving and racking uprights, thereby reducing times and costs
- Flexible PVC, resilient, dimensionally stable, material bounces back to original shape
- Impact energy is absorbed at the front and at the sides no damage to floor
- Certified by the German Inspection Association TÜV to validate product
- Available in various dimensions to fit upright types P1 P6



Protection from side impacts



Protection from front impacts



Tool kit for adjusting flexible buffer profiles

## Flexible upright protectors

- Material plastic
- Colour yellow

Height	Upright type	Ref. no.
mm		
600	P1	46-45600
	P2	46-45601
	P3	46-45602
	P4-P6	46-45603

## Tool kit for adjusting flexible buffer profiles, to protect racking uprights

- Flexible upright protectors only be mounted with this tool kit (ref. no. 46-45604). Please add this item to your order
- Material plastic

	Ref. no.
Tool kit for adjusting flexible buffer profiles to protect racking uprights	46-45604













Assembly instructions can be downloaded from www.bito.com

# Safety equipment





- Prevents pallets from being pushed too far in back-to-back racking
- In compliance with safety regulations for back-to-back racking stipulating that a protective back stop must be installed if the distance between pallets stored on either side of a racking level is less than 100 mm
- Solid square-tube sections, 50 mm wide
- Push-in fitting into bracket cut-outs, secured with splint pins
- Including bracket and fixing material
- Mounted to the frames with a distance of 75 mm to ensure easy and optimum centering of Euro pallets handled short side facing

Beam length	Ref. no.
mm	
1350	66-22888
1800	66-22945
2200	66-22947
2700	66-22949
3300	66-22951
3600	66-22953



## Wire-mesh back cladding

- Protects traffic ways and work areas against falling items
- Traffic ways and work areas located behind single racking rows must be secured against falling items in compliance with the latest safety regulations
- From galvanised steel, mesh width 50 x 100 mm, in beaded areas reduced mesh width of 50 x 50 mm, 3.0 mm gridbars
- Please note: brackets are not included in the price! Cladding segments are fixed with 4 brackets, for every other segment added, only 2 brackets are required

Height	1000 mm	1500 mm
Beam length	Ref. no.	Ref. no.
mm		
1350	66-27793	66-27799
1800	66-27794	66-27800
2200	66-27795	66-27801
2700	66-27796	66-27802
3300	66-27797	66-27803
3600	66-27798	66-27804



## Brackets for back stops and back cladding

- Length x + 70 mm
- Galvanised finish
- Delivery includes fixing material
- To fix back stop and/or wire-mesh back cladding

	right-hand bracket	left-hand bracket
Length x	Ref. no.	Ref. no.
mm		
25	66-27160	66-27161
75	66-27162	66-27163
100	66-27164	66-27165

# Pallet racking

## **Frame extension**

- In compliance with the latest safety regulations, this 750 mm high frame extension prevents items from falling from the top level at the short sides of racking rows, bolt-on fixing
- Galvanised finish
- Delivery includes fixing material

	Frame depth	1100 mm	800 mm
Height of frame extension	Upright type	Ref. no.	Ref. no.
mm			
750	P1	66-24501	66-24500
	P2	66-24503	66-24502
	P3	66-24505	66-24504
	P4-P6	66-24507	66-24506



## Spacers for back-to-back pallet racking rows

- Galvanised finish
- Delivery includes fixing material
- Required according to EN15635
- 2 spacers per upright required for uprights facing each other in back-to-back racking

Wall spacing	Ref. no.
mm	
200	66-20020
250	66-29276
300	66-20076





# **Pallet live storage**

# Retrofit your static pallet racking with flow levels!

Optimise picking ergonomics and productivity!

**Please note:** This racking system has been designed for in-door use only. The indicated load capacities are not valid for earthquake hazard zones. If your storage and order picking facility is intended for use in a seismic hazard zone, please inform BITO in advance!



Roller conveyor module, suited for hand pallet truck retrieval



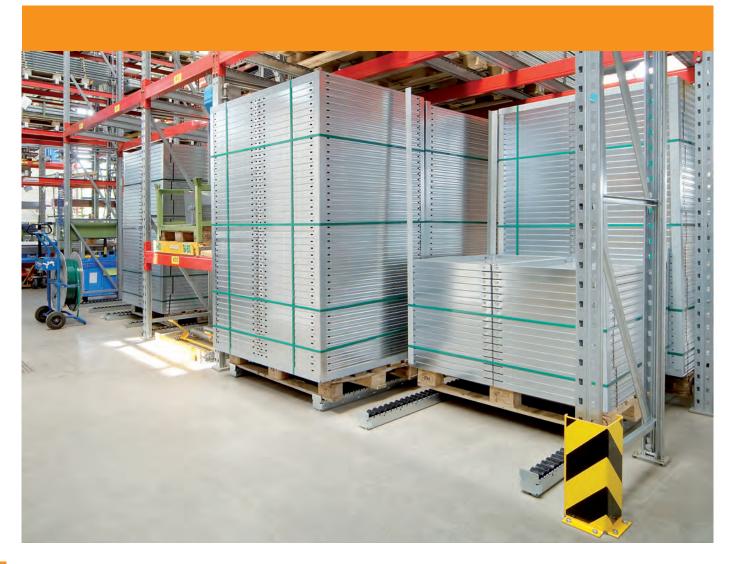
Roller conveyor module, full width rollers



Roller conveyor module, two track option

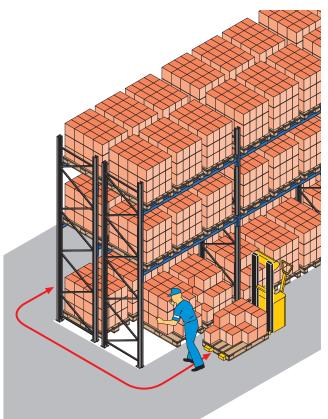


Roller track module with flanged plastic rollers



# BITO

# Benefits of retrofitting static pallet racking



## **Before flow level fitting**

#### Example:

#### Double deep pallet racking row

Goods are picked directly off the pallet. In conventional pallet storage installations, items in the back of the floor level can only be picked by bending and stretching





## After flow level fitting

#### Example:

#### Double deep pallet racking row

The floor level has been fitted with a roller conveyor lane. After a pallet has been retrieved from the lane, the next pallet will move unassisted to the picking face, allowing convenient order picking directly off the pallet.





# Order picking of palletised loads

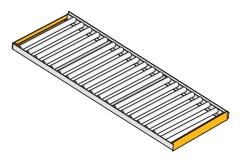
## **Pallet live storage**

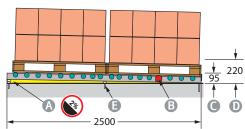
Retrofit your static pallet racking with flow levels!

## Roller conveyor segments, full width rollers

- Ideal for floor level order picking
- The second pallet will move unassisted to the picking face
- 2700 mm wide bays accommodate 3 roller conveyor lanes for 800 mm wide pallets handled long side on
- 3300 mm wide bays accommodate 3 roller conveyor lanes for 1000 mm wide pallets handled long side on
- Galvanised rollers provide a clean and bright appearance

Suited for a pallet width of			Roller pitch T	Ref. no.
			mm	
800	1200	1500	144	37-37807
1000	1200	1500	144	37-37809



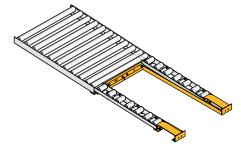


- A Auxiliary incline 2%
- Braking roller
- Upper edge of roller track
- Required lift height
- Floor anchoring

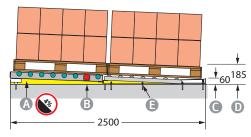


## Roller conveyor segments suited for hand pallet truck retrieval

- Ideal for loading and retrieving pallets with a hand pallet truck
- The second pallet will move unassisted to the picking face
- 2700 mm wide bays accommodate 3 roller conveyor lanes for 800 mm wide pallets handled long side on
- 3300 mm wide bays accommodate 3 roller conveyor lanes for 1000 mm wide pallets handled long side on
- Each segment has a robust frame to protect rollers and ensure a long service life
- Galvanised rollers provide a clean and bright appearance
- Segments are fixed with floor anchors



Suited for a pallet width of	Suited for a pallet length of	Suited for a pallet weight of	Roller pitch T	Ref. no.
			mm	
800	1200	1500	144	37-37811
1000	1200	1500	144	37-37812



- A Auxiliary incline 4%
- B Braking roller
- Upper edge of roller track
- Required lift height
- Floor anchoring

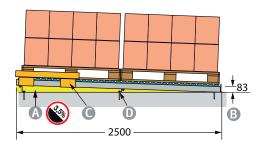
# Order picking of palletised loads

# BI

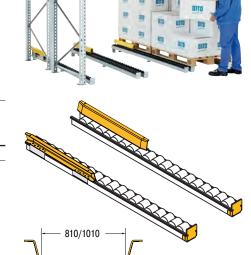
## Roller track segments, with flanged plastic rollers

- Ideal for floor level order picking
- Floor level with roller tracks as budget solution
- The second pallet will move unassisted to the picking face
- Tracks are fitted with flanged rollers to prevent pallets from pulling sideways
- All segments are supplied with in-feed guides to make pallet in-feeding into the lane safer and more convenient
- 2700 mm wide bays accommodate 3 roller conveyor lanes for 800 mm wide pallets handled long side on
- 3300 mm wide bays accommodate 3 roller conveyor lanes for 1000 mm wide pallets handled long side on

Suited for a pallet width of	Suited for a pallet length of	Suited for a pallet weight of	Roller length	Roller pitch T	Ref. no.
			mm	mm	
800, 1000	1200	800	74	72	37-37810



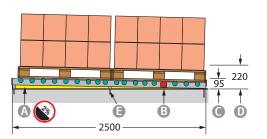
- A Auxiliary incline 3,5%
- B Upper edge of roller track
- In-feed guide
- Floor anchoring



## Roller conveyor segments, two track option

- Ideal for floor level order picking
- The second pallet will move unassisted to the picking face
- 2700 mm wide bays accommodate 3 roller conveyor lanes for 800 mm wide pallets handled long side on
- 3300 mm wide bays accommodate 3 roller conveyor lanes for 1000 mm wide pallets handled long side on
- Galvanised rollers provide a clean and bright appearance

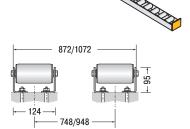
Suited for a pallet width of	Suited for a pallet length of	Suited for a pallet weight of	Roller length	Roller pitch T	Ref. no.
			mm	mm	
800, 1000	1200	1500	124	144	37-37813



- A Auxiliary incline 2%
- B Braking roller
- Upper edge of roller track
- Required lift height
- Floor anchoring



- 754/954 -



# Order picking of palletised loads

# **Heavy duty roller tracks**

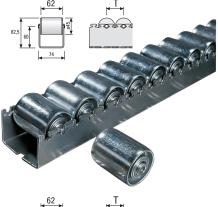


- Solid steel axles firmly fit into rail notches
- For heavy-duty applications
- **Smooth roller operation**
- Made from robust material for a long service life
- Roller width 62 mm



- Roller track profiles galvanised
- Galvanised rollers with ball bearing

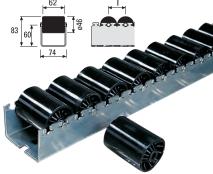
	Roller pitch T		96 mm	72 mm	48 mm
Load cap. per roller	Roller Ø	Length	Ref. no.	Ref. no.	Ref. no.
kg	mm	mm			
130	45 mm	2400	37-20175	37-20174	37-20173
		3600	37-20172	37-20171	37-20170



## With cylindrical plastic rollers

- Roller track profiles galvanised
- Black PVC rollers with glide bearing

	Roller pitch T		96 mm	72 mm	48 mm
Load cap. per roller	Roller Ø	Length	Ref. no.	Ref. no.	Ref. no.
kg	mm	mm			
65 46 n	46 mm	2400	37-14175	37-14176	37-14177
		3600	37-14190	37-14191	37-14192



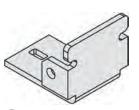
## With flanged plastic rollers

- Roller track profiles galvanised
- Black PVC rollers with glide bearing

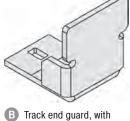
	Roller pitch T 9		96 mm	72 mm
Load cap. per roller	Roller Ø	Length	Ref. no.	Ref. no.
kg	mm	mm		
65	46 mm	2400	37-14180	37-14181
		3600	37-14195	37-14196



## **Accessories**



 A Track end guard, with low stop plate



high stop plate

Anchor bolts

Pos.	Description	Ref. no.
A	Track end guard, with low stop plate, delivery includes bolts	37-22813
B	Track end guard, with high stop plate, delivery includes bolts	37-22814
C	Anchor bolts, M10-20 galvanised (pack of 10 pcs.)	66-3408

## **Roller tracks**

## for light weight and medium weight goods

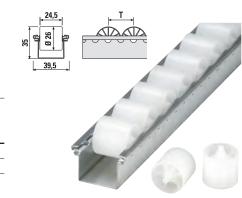
Everything within easy reach!

- Robust plastic rollers
- Robust axles
- Roller track profiles galvanised
- Product sold by meter

## With cylindrical plastic rollers

White plastic rollers

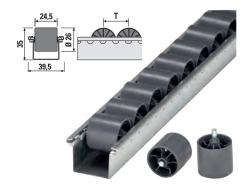
Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	4	26	28	2000	36-8598
				3000	36-8599



## With cylindrical plastic rollers and steel axle

Plastic rollers are anthracite grey

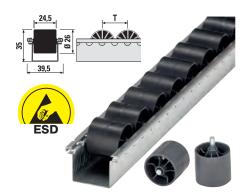
Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	8	26	28	2000	36-27720
				3000	36-27721



## With cylindrical plastic rollers (ESD version) and steel axles

- Cylindrical rollers from black plastic
- ESD version

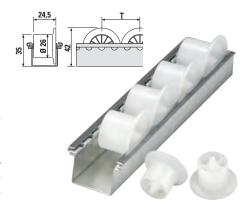
Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	8	26	28	2000	36-27722
				3000	36-27723



## With flanged plastic rollers

White plastic rollers

Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	4	26	42	2000	36-8622
				3000	36-8623





## **Carton live storage**

# Everything within easy reach!

Efficiency in any modern warehouse and logistics centre is largely determined by the choice of the right order picking system to ensure optimum order throughput. We at BITO offer you expert know-how and long-standing experience in planning and manufacturing customised order picking systems. The following pages present some easy-to-realise solutions for your warehouse.

**Carton live storage** accommodates smaller sized storage units such as plastic bins and containers, cartons or individual items without packaging. All goods are loaded at the rear of a storage installation and move gravity-driven on inclined roller lanes to the picking face where they can be picked to requirement.

Product storage in FIFO (First in - First out) order as well as single reference lines allow easy monitoring of production batches and sell-by dates.

**Please note:** This racking system has been designed for in-door use only. The indicated load capacities are not valid for earthquake hazard zones. If your storage and order picking facility is intended for use in a seismic hazard zone, please inform BITO in advance!







# Smart ideas to boost picking performance

## First in — first out

- Items stored first are retrieved first
- Easy monitoring of sell-by dates and production batches
- Ergonomic picking curve
- All reference lines on stock can be viewed immediately
- Stock items are always available at the picking side
- Items move unassisted to the picking face

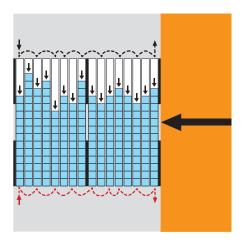


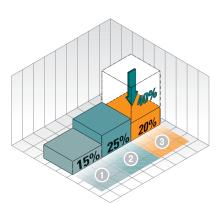
## Very good floor space utilisation

- Substantial gain in floor space unused floor space is considerably reduced
- Separate picking and loading aisles operators do not disturb each other
- Shorter travel routes for order pickers

## **Substantially reduced travel times**

- Reading time (1) remains the same as with conventional floor space occupation
- Picking time (2) remains the same as with conventional floor space occupation
- Travel time (3) is cut down by as much as two-thirds – increased turnover frequency







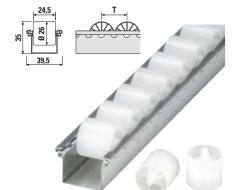
## **Roller tracks**

for light weight and medium weight goods

Everything within easy reach!

- Robust plastic rollers
- Robust axles
- Roller track profiles galvanised
- Product sold by meter

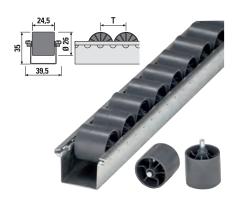




## With cylindrical plastic rollers

White plastic rollers

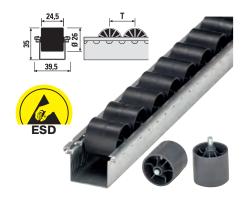
Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	4	26	28	2000	36-8598
				3000	36-8599



## With cylindrical plastic rollers and steel axle

Plastic rollers are anthracite grey

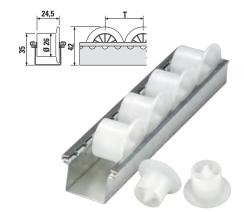
Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	8	26	28	2000	36-27720
				3000	36-27721



## With cylindrical plastic rollers (ESD version) and steel axles

- Cylindrical rollers from black plastic
- ESD version

Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	8	26	28	2000	36-27722
				3000	36-27723



## With flanged plastic rollers

White plastic rollers

Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	4	26	42	2000	36-8622
				3000	36-8623



## With flanged plastic rollers / ESD version

- Flanged rollers from black plastic
- ESD version

Roller length	Load cap. per roller	Roller Ø	Roller pitch T	Length	Ref. no.
mm	kg	mm	mm	mm	
24.5	4	26	42	2000	36-30658
				3000	36-30659



## **Accessories**

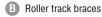






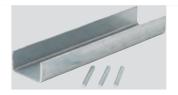


A Brake clips



Brake rollers

D Brake shoes







Roller track connectors

Protective caps

G Push-back stops

Pos.	Description				
A	Brake clips	reliable flow speed regulation, avoids product damage due to abrupt stopping at the picking face, exerts a slight braking effect on individual rollers, ideal for lanes accommodating loads that differ a lot in weight, ideal for pressure sensitive products	36-7294		
B	Roller track braces	prevents that roller track sides are bent open, required if heavy goods are loaded or in case of rough in-feeding of storage units at the loading side	36-16906		
G	Brake rollers	optimum travel characteristics even if bins and cartons with a very different weight are fed into the same lane, allow to realise long lanes or lanes with a higher angle of incline, pressure-sensitive goods are smoothly braked, in general, a 6% incline is recommended for carton live storage levels, mounted in pairs at spacing intervals adapted to the length of loads (measured in travel direction), for maximum loads of 30 kg per storage unit, to be fitted into roller tracks by customer	36-29940		
D	Brake shoes	suited for applications that need a higher braking force, this 275 mm long steel bracket is clipped on a series of rollers, provides a much stronger braking effect than a braking clip	36-7293		
<b>(3</b>	Roller track connectors	allows durable and safe joining of roller track lengths, allows end-to-end joining to make long lanes, 3 distance holders prevent that roller track sides are pressed inwards at joining points, delivery includes fixing material + roller axles	36-11244		
G	Protective caps	prevent injuries from roller tracks standing out at the front or the rear side of a flow shelf	36-28535		
G	Push-back stops	prevents loads from dropping at the loading side if pushed back unintentionally, supplied with steel axle, mainly used at the loading side, tilting forward when goods move to the picking side, prevents that storage units move backwards when accidentally pushed against the flow direction	36-27011		



# **Brake rollers**

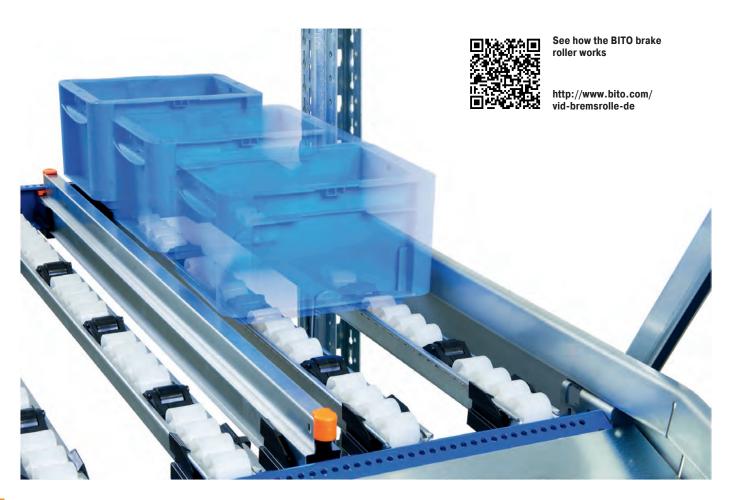
## Everything within easy reach!

- Optimum travel characteristics even if bins and cartons with a very different weight are fed into the same lane
- Allow to realise long lanes or lanes with a higher angle of incline
- Pressure-sensitive goods are smoothly braked
- In general, a 6% incline is recommended for carton live storage levels
- Mounted in pairs at spacing intervals adapted to the length of loads (measured in travel direction)
- For maximum loads of 30 kg per storage unit
- To be fitted into roller tracks by customer



### For roller tracks

Description	Ref. no.
Brake rollers	36-29940





# **Carton live storage SDS-T**

Lightweight construction suited for storing lightweight goods

Shelf load: 200 kg Bay load: 1000 kg

Ergonomic and mobile supply of parts and components at workstations

4 live storage levels with 3 lanes each

Mobile version incl. 2 braked swivel castors and 2 fixed

castors





Shelving height	Number of levels	External bay depth	Useable depth	Bay width	Total width	Ref. no.
mm		mm	mm	mm	mm	
2040	4	1250	1200	1442	1500	36-40191

## **Carton live storage SDS-T**

Everything within easy reach!

■ Shelf load: 100 kg Bay load: 800 kg

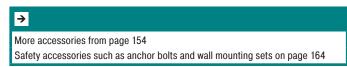
Shelves and flow levels can be adjusted in height on a 25

■ Flow levels ensure FIFO handling, lane incline 6.5%

3 straight shelf levels for static storage

■ 2 inclined levels with roller tracks for flow storage





Description	Shelving height	Number of levels	External bay depth	Useable depth	Bay width	Total width	Ref. no.
	mm		mm	mm	mm	mm	
Set offer static version	2000	5	1250	1200	1300	1358	36-38810
Set offer mobile version	2040	5	1250	1200	1300	1358	10-40190



# **Carton live storage Flex**

Robust make to suit all types of unit loads

- Fast and easy order picking, short delivery times
- Modular system racking bays and flow shelves can be added at any time
- Inclined position of bins provides a better view and allows faster and ergonomic picking
- Solid construction stands up to heavy loads
- Flow level spacing and incline can be adjusted as required







## Racking depth 1300 mm, useful depth 1200 mm

- Racking height 2500 mm: 3 straight levels, 2 inclined levels
- Starter bays: 1 starter bay per racking row required. Bay width 2700 mm, total bay width 2820 mm.
- Extension bays: bay widths from 1350 mm to 2.700 mm



## BITO info

#### Assembly service

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.

Description	Bay width	Total width	Accommodates x containers 400 x 300 mm	Accommodates x containers 600 x 400 mm	Load cap. per level	Bay load	Ref. no.
	mm	mm	Pcs	Pcs	kg	kg	
Starter bay	2700	2820	120	60	460	2300	36-44665
Extension bay	1350	1410	60	30	450	2250	36-44666
	1800	1860	80	40	420	2100	36-44667
	2200	2260	100	50	400	2000	36-44668
	2700	2760	120	60	460	2300	36-44669

## Racking depth 2500 mm, useful depth 2400 mm



## i BITO info

#### Assembly service

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.

Description	Bay width	Total width	Accommodates x containers 400 x 300 mm	Accommodates x containers 600 x 400 mm	Load cap. per level	Bay load	Ref. no.
	mm	mm	Pcs	Pcs	kg	kg	
Starter bay	2700	2820	240	120	480	2400	36-44660
Extension bay	1350	1410	120	60	450	2250	36-44661
	1800	1860	160	80	450	2250	36-44662
	2200	2260	200	100	450	2250	36-44663
	2700	2760	240	120	480	2400	36-44664



## **Carton live storage Flex**

#### non-mobile version

Make sure that supplies don't run out ... and avoid idle times!

- **■** Ergonomic supply of parts and components at workstations
- 3 feeder levels equipped with 3 lanes each, i.e. 6 roller tracks and 2 dividers per level
- 1 return level (always supplied as straight level) with 8 roller tracks
- Maximum load capacity per level 250 kg
- Galvanised finish, epoxy-coated components in gentian blue, RAL 5010
- Supplied unassembled

### i

#### Bin capacity per supply shelving unit

36 European size stacking containers XL with L x W x H:  $400 \times 300 \times 220$  mm blue: 43-18520 / red: 43-14507

#### OF

18 European size stacking containers XL with L x W x H: 600 x 400 x 270 mm blue: 43-18492 / red: 43-14511

#### **Assembly service**

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.



non-mobile version, straight feeder levels 36-46050

non-mobile version, feeder levels with cranked picking face 36-46051

Shelving height	Number of levels	External bay width	Bay width	External bay depth	Useable depth	Description	Ref. no.
mm		mm	mm	mm	mm		
2000	4	1470	1350	1300	1200	non-mobile version, straight feeder levels	36-46050
						non-mobile version, feeder levels with cranked picking face	36-46051

### **Accessories**



European size stacking
containers XL

Pos.	Description	Overall dim. L x W x H	Colour	Ref. no.
		mm		
A	European size stacking containers XL	400 x 300 x 220	blue	43-18520
			red	43-14507
		600 x 400 x 270	blue	43-18492
			red	43-14511



# **Carton live storage Flex**

## mobile version

Make sure that supplies don't run out ... and avoid idle times!

- Ergonomic and mobile supply of parts and components at workstations
- 3 feeder levels equipped with 3 lanes each, i.e. 6 roller tracks and 2 dividers per level
- 1 return level (always supplied as straight level) with 8 roller tracks
- Maximum load capacity per level 250 kg
- Galvanised finish, epoxy-coated components in gentian blue, RAL 5010
- Supplied unassembled



#### Bin capacity per supply shelving unit

36 European size stacking containers XL with L x W x H: 400 x 300 x 220 mm blue: 43-18520 / red: 43-14507

18 European size stacking containers XL with L x W x H: 600 x 400 x 270 mm blue: 43-18492 / red: 43-14511

#### **Assembly service**

For your convenience, each delivery comes with instructions for assembly and use for quick and easy installation. All assembly steps and directions of use are illustrated in detail. Upon request we are pleased to submit an offer for on-site installation by our experienced assembly teams.



mobile version, straight feeder levels 36-46052

mobile version, feeder levels with cranked picking face

Shelving height	Number of levels	External bay width	Bay width	External bay depth	Useable depth		
mm		mm	mm	mm	mm		
2000	4	1470	1350	1300	1200	mobile version, straight feeder levels	36-46052
						mobile version, feeder levels with cranked picking face	36-46053

Pos.	Description	Overall dim. L x W x H	Colour	Ref. no.
		mm		
A	European size stacking containers XL	400 x 300 x 220	blue	43-18520
			red	43-14507
		600 x 400 x 270	blue	43-18492
			red	43-14511

## **Accessories**



European size stacking containers XL



## **Complete levels**

## with roller tracks

Clear the way for your products!

- For retro-fitting into existing pallet racking
- Roller tracks are installed with a standard spacing of approximately 100 mm and are equipped with cylindrical plastic rollers with a pitch of 28 mm
- Suited for multi-size cartons and bins
- Suited for cartons and bins weighing up to 20 kg
- For use with 50 mm wide beams
- Modules can be removed at any time to restore the original state as static pallet racking and can be re-used when and where required
- Convenient drop-on fitting of preassembled modules on existing beams



#### **BITO** info

Please check the clear width (= useful depth) between front and rear beams of your pallet racking!

Bay width	Number of modules	External bay depth	Useable depth	Shelf load	Ref. no.
mm		mm	mm	kg	
2700	8	1100	1000	480	36-28868
		2400	2300	960	36-28400
		2450	2350	960	36-28401
3600	11	1100	1000	660	36-28869
		2400	2300	960	36-28402
		2450	2350	960	36-28403

#### **Accessories**







A Individual modules

B Universal lane dividers

Brake rollers

Pos.	Description		Module width	External bay depth	Useable depth	Module load capacity	Ref. no.
			mm	mm	mm	kg	
A	Individual	for easy-to-realise modifications and add-ons	322	1100	1000	60	36-28864
	modules		322	2400	2300	120	36-28595
			322	2450	2350	120	36-28596
B	Universal lane	fast and convenient subdivision into lanes,	-	1100	-	-	36-28858
	dividers	re-adjustment of lane width is possible when-	-	2400	-	-	36-28406
		ever required		2450	-	-	36-28407
G	Brake rollers		-	-	-	-	36-29940

# Order picking of light and medium-weight loads



### **Complete levels**

#### with roller conveyors

Make your stock move!

- For retro-fitting into existing pallet racking
- Ideal for storage units with difficult travel characteristics
- Suited for loads of up to 30 kg
- Galvanised rollers, diameter 25 mm, roller pitch 84 mm
- For use with 50 mm wide beams
- Modules can be removed at any time to restore the original state as static pallet racking and can be re-used when and where required
- Convenient drop-on fitting of preassembled modules on existing beams



#### i BITO info

Please check the clear width (= useful depth) between front and rear beams of your pallet racking!

For a bay width of	Number of modules	External bay depth	Useable depth	Shelf load	Ref. no.
mm		mm	mm	kg	
2700	6	2400	2300	960	36-28408
		2450	2350	960	36-28409
3600	8	2400	2300	1280	36-28410
		2450	2350	1280	36-28411

#### **Accessories**



A Individual modules

Pos.	Description			External bay depth	Useable depth	Module load capacity	Ref. no.
			mm	mm	mm	kg	
A	Individual modules	for easy-to-realise modifications and add-ons	446	2400	2300	160	36-28597
			446	2450	2350	160	36-28598



# **Cantilever racking for standard duties**

# Cantilever racking for long loads – boltless assembly

Loads such as bars, tubes and pipes, sheet material, coils, offcuts and goods to be stored vertically – in short long and bulky items – have special storage requirements. For all these applications, BITO cantilever racking is the ideal storage system.

Whatever configuration or racking type is required – for single sided or double sided use, for rigid or flexible loads, bulky goods, coils or vertical storage - our experienced sales team will be pleased to advise you on the right racking type for your needs.

Cantilever arms and shelf levels can be adjusted in height without bolts. BITO cantilever racking can be supplied with a height up to 3700 mm, useful depths range from 400 to 850 mm.

Please note: Racking finishes supplied are intended for indoor use only!

All shelving and racking components fully comply with the latest German and international health and safety regulations (EN 15512 / BGR 234).



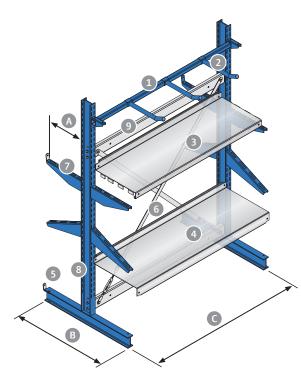
BITO cantilever racking is manufactured to RAL-RG 614/2 standards. This quality mark confirms that all our products are of superior quality.



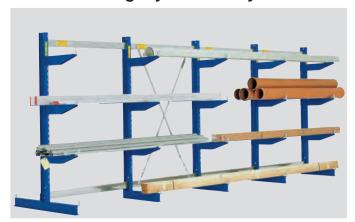




- A Useful depth
- B Depth of column feet
- CTC-distance
- Support rail for tubular arms
- Tubular arm
- Steel shelf
- Base shelf
- 6 Column foot with end stop
- 6 Cross bracing
- Cantilever arm with end stop
- Column (double sided)
- Onnector



# The shelving system of your choice for bulky and large items



#### **Self-supporting loads**

- Cantilever arms with end stops or without end stops
- Ideal for items such as long loads, chipboard and steel sheet panels, timber packs, bars, pipes and tubes, cassettes and trays for long load



#### Flexible long loads

- Cantilever arms with straight shelves
- Ideal for items such as cuts, irregularly shaped items, smaller size drums, kegs, PVC containers and jerrycans, cardboard boxes, loose items, customer specific load carriers, etc



#### **Ergonomically favourable supply**

Cantilever arms with inclined shelves for providing supplies at workstations



#### Storage of standing and hanging goods

■ Tubular arms for reels, coils and vertical storage





#### single sided use

Cantilever racking for long loads - boltless assembly

- Load cap. per level: max. 1320 kg
- Total load capacity: max. 7920 kg
- Height adjustable on a 60 mm pitch
- Cantilever arms and column feet are supplied with a 60 mm high end stop
- Columns are made from European I-beams type **IPE 100/120**
- Columns and tubular arms are epoxy-coated in gentian blue RAL 5010, all other components are galvanised



#### Our offer:

#### Distance between column centres 1251 mm

H x L x D (Shelving depth): 1980 x 5060 x 600 mm

Accessories to match from page 226

Number of arms per column: 3 RAL 5010 Gentian blue Ref. no. 20-17968





Distance between centre lines 1061 mm

Distance between centre lines	Shelving height	Number of arms per column	External bay width	Number of columns	Useable depth	External bay depth	Load cap. per level	Total load capacity	Ref. no.
mm	mm		mm		mm	mm	kg	kg	
1061	1980	4	3235	4	400	500	880	4400	20-17885
	<b>5</b>				500	600	700	3500	20-17886
	3 2 1				600	700	560	2800	20-17887
	3		4295	5	400	500	1100	5500	20-17888
	2				500	600	875	4375	20-17889
					600	700	700	3500	20-17890
			5356	6	400	500	1320	6600	20-17891
	IPE 100	IPE 100			500	600	1050	5250	20-17892
					600	700	840	4200	20-17893
	2480	5	3245	4	400	520	880	5280	20-17894
	6				500	620	700	4200	20-17895
	5				600	720	560	3360	20-17896
	4		4305	5	400	520	1100	6600	20-17897
	3				500	620	875	5280	20-17898
	5 4 3 2				600	720	700	4200	20-17899
	1		5366	6	400	520	1320	7920	20-17900
	IPE 120				500	620	1050	6300	20-17901
					600	720	840	5040	20-17902



#### double sided use

Plenty of room for long loads

- Load cap. per level: max. 1320 kg
- Total load capacity: max. 15840 kg
- Height adjustable on a 60 mm pitch
- Cantilever arms and column feet are supplied with a 60 mm high end stop
- Columns are made from European I-beams type IPE 100/120
- Columns and tubular arms are epoxy-coated in gentian blue RAL 5010, all other components are galvanised



#### Optionally:

#### Distance between column centres 1251 mm

H x L x D (Shelving depth): 1980 x 5060 x 1100 mm

Number of arms per column: 6 RAL 5010 Gentian blue Ref. no. 20-17884





Distance between centre lines 1061 mm



Distance between centre lines	Shelving height	Number of arms per column	External bay width	Number of columns	Useable depth	External bay depth	Load cap. per level	Total load capacity	Ref. no.
mm	mm		mm		mm	mm	kg	kg	
061	1980	8	3235	4	2 x 400	900	880	8800	20-17903
	9 🔳 10				2 x 500	1100	700	7000	20-17904
	7 8				2 x 600	1300	560	5600	20-17905
	5 6		4295	5	2 x 400	900	1100	11000	20-17906
	3 4				2 x 500	1100	875	8750	20-17907
					2 x 600	1300	700	7000	20-17908
	1 2		5356	6	2 x 400	900	1320	13200	20-17909
	IPE 100				2 x 500	1100	1050	10500	20-17910
					2 x 600	1300	840	8400	20-17911
	2480	10	3245	4	2 x 400	920	880	10560	20-17912
	11 12				2 x 500	1120	700	8400	20-17913
	9 10				2 x 600	1320	560	6720	20-17914
	7 8		4305	5	2 x 400	920	1100	13200	20-17915
	5 6				2 x 500	1120	875	10500	20-17916
	3 4				2 x 600	1320	700	8400	20-17917
	1 2		5356	6	2 x 400	920	1320	15840	20-17918
	IPE 120				2 x 500	1120	1050	12600	20-17919
					2 x 600	1320	840	10080	20-17920





#### with inclined shelves

Perfect accessibility of assembly supplies

- Shelf load capacity 140 kg
- Load capacity per base shelf 370 kg
- Columns and inclined cantilever arms are epoxy-coated in gentian blue RAL 5010, all other components are galvanised
- Incl. labels
- Columns are made from European I-beams type IPE 100
- Height adjustable on a 60 mm pitch





1115 mm



Length of extension bay 1088 mm

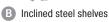


				Shelving type	Starter bay	Extension bay
Shelving height		Description	External bay depth	Useable depth	Ref. no.	Ref. no.
mm			mm	mm		
1980	25° 25° 20° 20°	single sided use	700	300 400 500 500 600	20-18039	20-18040
	25° 25° 20° 20°	double sided use	1300	2 x 300 2 x 400 2 x 500 2 x 500 2 x 600	20-18041	20-18042

#### **Accessories**







Accessories to match from page 226

Pos.	Descript	ion	For a shelv- ing depth of	Load capacity	Ref. no.
			mm	kg	
A	Inclined 25° incline, incl. safety pin, height adjustable on a 60 mm pitch, hook-in mounting, epoxy-coated in gential tubular blue, RAL 5010		300	140	20-18594
			400	140	20-18595
	arms	20° incline, incl. safety pin, height adjustable on a 60 mm pitch, hook-in mounting, epoxy-coated in gentian	500	140	20-18596
		blue, RAL 5010	600	140	20-18597
B	Inclined	25° incline, galvanised, drop-on fitting onto cantilever arms, shelf length 1057 mm to fit a distance of 1061 mm	300	140	20-2805
	steel shelves	between column centre lines, please mind load capacity of cantilever arms!, Please order label cards separately, not available for a clear depth of 850 mm and for a distance of 1251 mm between column centres	400	140	20-2806
		20° incline, galvanised, drop-on fitting onto cantilever arms, shelf length 1057 mm to fit a distance of 1061 mm		140	20-2807
		between column centre lines, please mind load capacity of cantilever arms!, Please order label cards separately, not available for a clear depth of 850 mm and for a distance of 1251 mm between column centres	600	140	20-16135



#### with tubular arms

Perfect racking system for coils, cable dispensers and long items

- Load capacity per tubular arm 60 kg
- Tubular arms are adjustable without bolts in 60 mm increments along the column height
- Columns, tubular arms and support rails for tubular arms are epoxy-coated in gentian blue RAL 5010, all other components are galvanised
- Columns are made from European I-beams type IPE 100







Length of extension bay 1088 mm



					Shelving type	Starter bay	Extension bay
Shelving height		Description	Number of round cantilever arms	External bay depth	Useable depth	Ref. no.	Ref. no.
mm				mm	mm		
1980		with tubular arms single sided use	12	500	400	20-18043	20-18044
	#	with tubular arms double sided use	24	1100	2 x 400	20-18045	20-18046

#### **Accessories**





Pos.	Description		For a shelving depth of	Load capacity	Ref. no.
			mm	kg	
A	Tubular cantilever arms	can be positioned anywhere along the support rail, epoxy-coated in gentian blue, RAL 5010	400	60	20-18094
B		for tubular arms, <b>useful racking depth ranges from 500 to 850 mm</b> , epoxy-coated in gentian blue, RAL 5010	-	180	20-18093



#### single sided use

Cantilever racking for very heavy long loads boltless assembly

- Load cap. per level: max. 2880 kg
- Total load capacity: max. 17280 kg
- Columns and tubular arms are epoxycoated in gentian blue RAL 5010, all other components are galvanised
- Height adjustable on a 60 mm pitch
- Columns are made from **European I-beams type IPE 140**



#### Our offer:

#### Distance between column centres 1251 mm,

useful depth 600 mm

(We do not offer shelves for cantilever arms and for column feet in cantilever racking with a CTC-distance of 1251 mm.)

H x L x D (Shelving depth): 2500 x 5080 x 740 mm

RAL 5010 Gentian blue

Ref. no. 20-17969





Distance between centre lines

1061 mm 1251 mm

Shelving height		Number of arms per column	Distance between centre lines	External bay width	Number of columns	Useable depth	External bay depth	Load cap. per level	Total load capacity	Ref. no.
mm			mm	mm		mm	mm	kg	kg	
2500	<u>6</u>	5	1061	3255	4	400	540	1920	11520	20-17971
						500	640	1640	9840	20-17972
						600	740	1320	7920	20-17973
	4					850	990	1080	6480	20-17974
	3			4316	5	400	540	2400	14400	20-17975
	2					500	640	2050	12300	20-17976
1	5 4 3 2					600	740	1650	9900	20-17977
						850	990	1350	8100	20-17978
IPE 140	IPE 140			5376	6	400	540	2880	17280	20-17979
						500	640	2460	14760	20-17980
						600	740	1980	11850	20-17981
					850	990	1620	9720	20-17982	
			1251	2576	3	400	540	1440	8640	20-17995
						500	640	1230	7380	20-17996
						600	740	990	5940	20-17997
						850	990	810	4860	20-17998
				3828	4	400	540	1920	11520	20-17999
						500	640	1640	9840	20-18000
						600	740	1320	7920	20-18001
						850	990	1080	6480	20-18002
				5080	5	400	540	2400	14400	20-18003
						500	640	2050	12300	20-18004
						600	740	1650	9900	20-18005
						850	990	1350	8100	20-18006



#### double sided use

Ideal for accommodating heavy weight and long loads

- Load cap. per level: max. 2880 kg
- Total load capacity: max. 34560 kg
- Columns and tubular arms are epoxy-coated in gentian blue RAL 5010, all other components are galvanised
- Height adjustable on a 60 mm pitch
- Columns are made from European I-beams type IPE 140



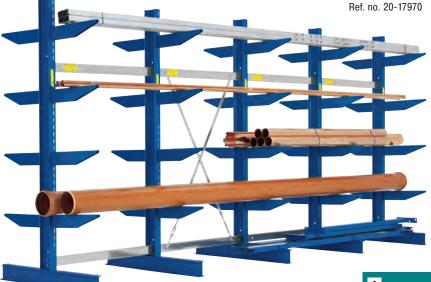
Set offer with 1 starter bay and 1 extension bay:

Distance between column centres 1251 mm, useful depth 600 mm (We do not offer shelves for cantilever arms and for column feet in cantilever racking with a CTC-distance of 1251 mm.)

H x L x D (Shelving depth): 2500 x 5080 x 1340 mm

Accessories to match from page 226

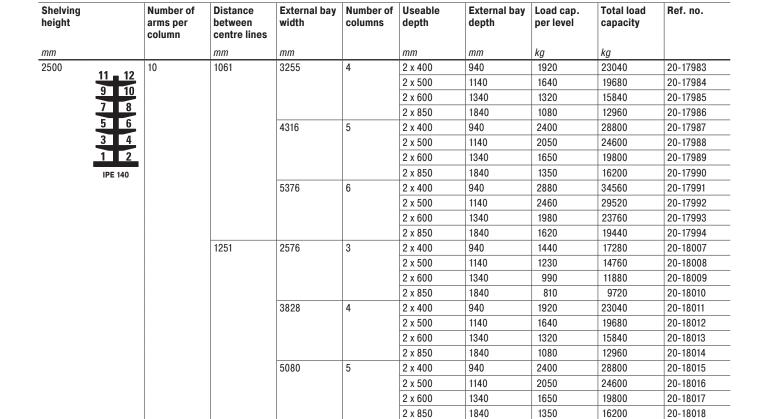
RAL 5010 Gentian blue





Distance between centre lines

1061 mm 1251 mm





# Cantilever racking components type L and S



#### Columns, single sided use

- All columns are supplied with floor anchors, shims and bolts for connector beams
- Epoxy-coated in gentian blue, RAL 5010

Description	Profile type	Height	Useable depth	Load capacity	Ref. no.
		mm	mm	kg	
type L	IPE 100	1980	400	1000	20-18050
			500	850	20-18051
			600	725	20-18052
	IPE 120	2480	400	1400	20-18056
			500	1225	20-18057
			600	1075	20-18058
type S	IPE 140	2500	400	2400	20-18062
,,,,			500	2050	20-18063
			500         2050           600         1775	1775	20-18064
			850	1350	20-18065
		3220	400	2225	20-18070
			500	1850	20-18071
			600	1600	20-18072
			850	1150	20-18073
		3700	400	1900	20-18078
			500	1600	20-18079
			600	1375	20-18080
			850	1000	20-18081

### Columns, double sided use

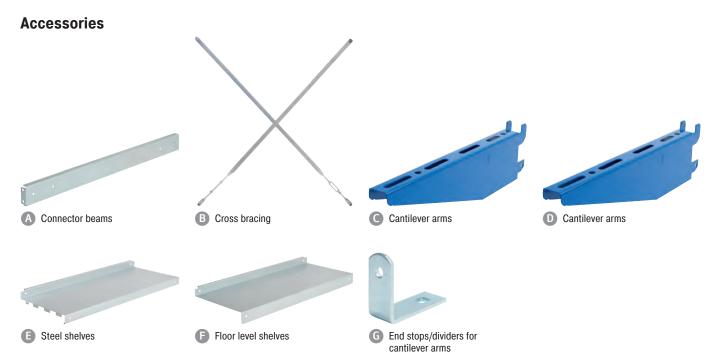
- All columns are supplied with floor anchors, shims and bolts for connector beams
- Epoxy-coated in gentian blue, RAL 5010

Description	Profile type	Height	Useable depth	Load capacity	Ref. no.
		mm	mm	kg	
type L	IPE 100	1980	2 x 400	2000	20-18053
			2 x 500	1700	20-18054
			2 x 600	1450	20-18055
	IPE 120	2480	2 x 400	2800	20-18059
			2 x 500	2450	20-18060
			2 x 600	2150	20-18061
type S	IPE 140	2500	2 x 400	4800	20-18066
			2 x 500	4100	20-18067
			2 x 600	3550	20-18068
			2 x 850	2700	20-18069
		3220	2 x 400	4450	20-18074
			2 x 500	3700	20-18075
			2 x 600	3200	20-18076
			2 x 850	2300	20-18077
		3700	2 x 400	3800	20-18082
			2 x 500	3200	20-18083
			2 x 600	2750	20-18084
			2 x 850	2000	20-18085



# Cantilever racking





Pos.	Description		For a shelving depth of	Load capacity	Dimensions	Ref. no.
			mm	kg	mm	
A	Connector beams	to suit type L and S, galvanised, 2 connector beams are required per bay,	-	-	L 1057	20-11991
		3 beams for racking heights of 3 metres and higher, bolts are supplied together with column delivery	-	-	L 1247	20-11990
В	Cross bracing	to suit type L and S, galvanised, 1 cross bracing set required for every 5th bay in a row, supplied with bolts	-	-	L 1650	20-2274
0	Cantilever arms	type L, incl. safety pin, height adjustable on a 60 mm pitch, hook-in	400	220	L 400	20-18086
		mounting, epoxy-coated in gentian blue, RAL 5010	500	175	L 500	20-18087
				140	L 600	20-18088
n		type S, incl. safety pin, height adjustable on a 60 mm pitch, hook-in	400	550	L 400	20-18089
		mounting, epoxy-coated in gentian blue, RAL 5010	500	430	L 500	20-18090
			600	330	L 600	20-18091
			850	300	L 850	20-18092
ß	Steel shelves	galvanised, drop-on fitting onto cantilever arms, shelf length 1057 mm to fit a distance of 1061 mm between column centre lines, please mind		360	L 400	20-2799
				360	L 500	20-2800
		load capacity of cantilever arms!, not available for a clear depth of 850 mm and for a distance of 1251 mm between column centres	600	330	L 600	20-2801
G	Floor level shelves	galvanised, drop-on fitting onto column feet, shelf length 1057 mm to	400	460	L 1057	20-2277
		fit a distance of 1061 mm between column centre lines, please mind	500	420	L 1057	20-2278
		load capacity of cantilever arms!, not available for a clear depth of 850 mm and for a distance of 1251 mm between column centres	600	370	L 1057	20-2279
G	End stops/dividers for cantilever arms	for column feet, galvanised, incl. bolts	-	-	L 76 x W 30 x H 60	20-18665
		supplied with bolts, for cantilever arms, height 60 mm, galvanised, incl. bolts	-	-	L 76 x W 30 x H 60	20-2275
		for column feet, galvanised, incl. bolts	-	-	L 76 x W 30 x H 150	20-18666
		for cantilever arms, galvanised, incl. bolts	-	-	L 76 x W 30 x H 150	20-2276

# Cantilever racking for heavy duty applications

# Bolted racking for very heavy long loads

All components of our heavy duty cantilever racking come in standardised dimensions and can be combined to suit your needs. This means that you can tailor your racking to adapt to the features of your storage location (indoor or outdoor) as well as to the size and the weight of your goods. Your cantilever racking can also be integrated into existing storage concepts.

If you prefer to let us do the planning, we are pleased to work out custom offers. Let us provide you with the right cantilever racking system for your application!

#### We deliver superior quality:

for indoor use, components are painted and for outdoor use, they are hot-dip galvanised.

Stiffening and connecting components are galvanised in compliance with **EN 10326**.

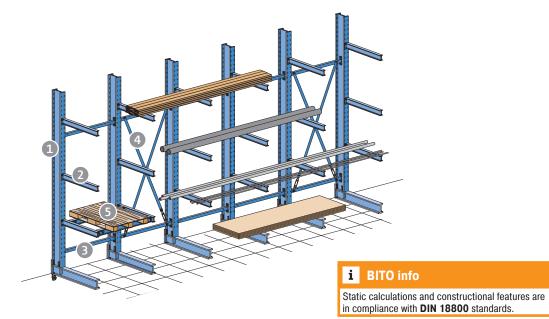
Cantilever arms can be adjusted in height on a 100 mm pitch.

Cantilever racking can be supplied for single sided and double sided use.



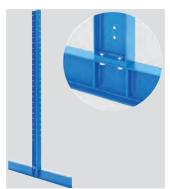


- 1 Column
- Cantilever arm
- Connector beam
- Cross bracing
- Arm bridge



# Components







#### **Frames**

- Columns and feet are supplied for self assembly (bolt-together
- Columns and feet are manufactured from hot-rolled IPE profiles
- Delivery includes floor anchors
- Columns and feet can be supplied for single sided and for double sided use



#### **Cantilever arms**

- All cantilever arms are supplied with an end stop as standard
- The tapered side is pre-drilled for end stop fixing



#### **Connector beams**

- Connect columns with each other to make a solid racking row
- Take the cross bracing sets



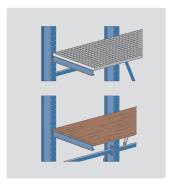
#### **Cross bracing**

- Provide lateral racking stability
- Quantity and arrangement per racking row is project related



#### **Arm bridges**

Bolted construction for pallet storage



#### **Shelves**

Supplied as wire-mesh shelves or as chipboard shelves depending on items to be stored

#### single sided use

Complete cantilever racking units for extremely heavy loads

■ Load cap. per level: max. 1800 kg

Total load capacity: max. 12600 kg

Cantilever arms are adjustable on a 100 mm pitch

Columns are made from European I-beams type **IPE 180/200** 

Columns and cantilever arms are epoxy-coated in gentian blue RAL 5010,

all other components are galvanised

**Cantilever arms from IPE** 80 profiles

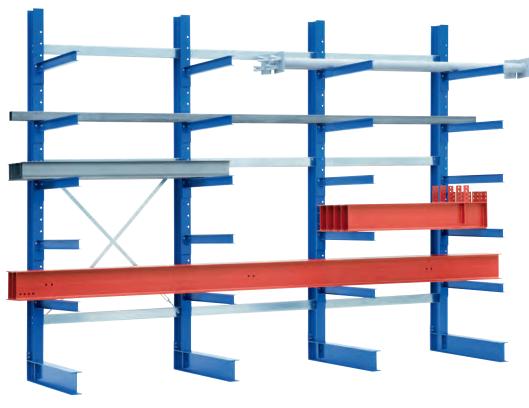


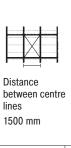
#### Our offer:

Distance between centre lines:

H x L x D (Shelving depth): 3000 x 4600 x 1180 mm

RAL 5010 Gentian blue Ref. no. 21-37512





Distance between centre lines	Shelving height	Number of arms per column	External bay width	Number of columns	Useable depth	External bay depth	Load cap. per level	Total load capacity	Ref. no.
mm	mm		mm		mm	mm	kg	kg	
1500	3000	5	1600	2	1000	1180	900	5400	21-37510
	5		3100	3	1000	1180	1350	8100	21-37511
	5 4 3 2 1		4600	4	1000	1180	1800	10800	21-37512
	4000 <b>7</b>	0 7 6	1600	2	1000	1200	900	6300	21-37515
			3100	3	1000	1200	1350	9450	21-37513
	6 5 4 3 2 1		4600	4	1000	1200	1800	12600	21-37514



#### double sided use

Complete cantilever racking units for extremely heavy loads

■ Load cap. per level: max. 1800 kg

■ Total load capacity: max. 25200 kg

Cantilever arms are adjustable on a 100 mm pitch

Columns are made from European I-beams type **IPE 180/200** 

■ Columns and cantilever arms are epoxy-coated in gentian blue RAL 5010, all other components are galvanised

1500 mm

#### Our offer:

Distance between centre lines:

H x L x D (Shelving depth): 3000 x 4600 x 2180 mm RAL 5010 Gentian blue

Ref. no. 21-37518







Distance between centre lines	Shelving height	Number of arms per column	External bay width	Number of columns	Useable depth	External bay depth	Load cap. per level	Total load capacity	Ref. no.
mm	mm		mm		mm	mm	kg	kg	
1500	3000 11 1	2 10	1600	2	2 x 1000	2180	900	10800	21-37516
	9 1	-	3100	3	2 x 1000	2180	1350	16200	21-37517
	7 8 5 6 3 4 1 2 IPE 180		4600	4	2 x 1000	2180	1800	21600	21-37518
	4000	_ 14 12	1600	2	2 x 1000	2200	900	12600	21-37521
	13 1	-	3100	3	2 x 1000	2200	1350	18900	21-37519
	11 1 1 9 1 7 8 5 6 3 4 1 2 IPE 200		4600	4	2 x 1000	2200	1800	25200	21-37520

# Cantilever racking components type ES

Bolted racking for very heavy long loads

#### Columns, single sided use

- Column profiles IPE 180 300 and column heights of 3000, 4000 and 5000 mm allow maximum flexibility in use
- All columns are supplied with floor anchors and shims
- Painted in gentian blue, RAL 5010

Height	Useable depth	Load capacity	Profile type	Ref. no.
mm	mm	kg		
3000	1000	2750	IPE 180	21-37522
	1250	3200	IPE 200	21-37523
	1500	3600	IPE 220	21-37524
4000	1000	3400	IPE 200	21-37525
	1250	3950	IPE 220	21-37526
	1500	4550	IPE 240	21-37527
5000	1000	5100	IPE 240	21-37528
	1250	6200	IPE 270	21-37529
	1500	7350	IPE 300	21-37530

#### Columns, double sided use

- Column profiles IPE 180 300 and column heights of 3000, 4000 and 5000 mm allow maximum flexibility in use
- All columns are supplied with floor anchors and shims
- Painted in gentian blue, RAL 5010

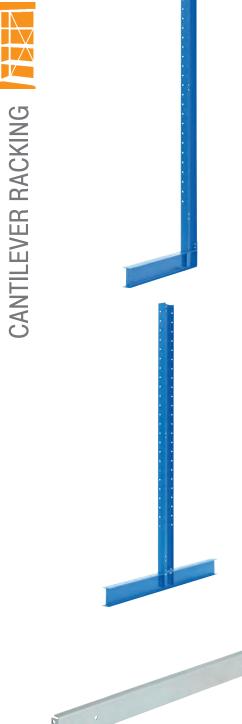
Height	Useable depth	Load capacity	Profile type	Ref. no.
mm	mm	kg		
3000	2 x 1000	5500	IPE 180	21-37531
	2 x 1250	6400	IPE 200	21-37532
	2 x 1500	7200	IPE 220	21-37533
4000	2 x 1000	6800	IPE 200	21-37534
	2 x 1250	7900	IPE 220	21-37535
	2 x 1500	9100	IPE 240	21-37536
5000	2 x 1000	10200	IPE 240	21-37537
	2 x 1250	12400	IPE 270	21-37538
	2 x 1500	14700	IPE 300	21-37539

#### Connector beams, type ES

- Galvanised finish
- Suited for 1000, 1250 and 1500 mm wide bays
- Incl. fixing material

Length	Bay width	Ref. no.
mm	mm	
997	1000	21-37464
1247	1250	21-37465
1497	1500	21-37466

For a bay width of	Height		
mm	3000 mm	4000 mm	5000 mm
1000	2 connector beams	3 connector beams	3 connector beams
1250	2 connector beams	3 connector beams	3 connector beams
1500	2 connector beams	2 connector beams	3 connector beams





#### Cantilever arms, type ES

- Useful depth of 1000, 1250 and 1500 mm
- IPE 80 160 profiles for maximum flexibility in use
- Painted in gentian blue, RAL 5010
- Incl. fixing material
- Bolt-on fixing to columns

Description	For a shelving depth of	Load capacity	Profile type	Ref. no.
	mm	kg		
for use with columns	1000	450	IPE 80	21-37379
made from IPE		750	IPE 100	21-37400
sections 180 - 220		1150	IPE 120	21-37421
	1250	350	IPE 80	21-37380
		600	IPE 100	21-37401
		950	IPE 120	21-37422
	1500	300	IPE 80	21-37381
		500	IPE 100	21-37402
		750	IEP 120	21-37423
for use with columns	1000	1350	IPE 120	21-37428
made from IPE		1900	IPE 140	21-37442
sections 240 - 300		2100	IPE 160	21-37456
	1250	1050	IPE 120	21-37429
		1500	IPE 140	21-37443
		1750	IPE 160	21-37457
	1500	900	IPE 120	21-37430
		1250	IPE 140	21-37444
		1400	IPE 160	21-37458



#### Cross bracing, type ES

- Added lengthwise rigidity
- Galvanised
- Incl. fixing material

Length	Ref. no.
mm	
1750	21-37473
2000	21-37474
2250	21-37481
2500	21-37482
2750	21-37483
3500	21-37484

For a bay width of	Height		
mm	3000 mm	4000 mm	5000 mm
1000	1x 21-37481 (2250 mm)	2x 21-37473 (1750 mm)	2x 21-37481 (2250 mm)
1250	1x 21-37482 (2500 mm)	2x 21-37474 (2000 mm)	2x 21-37482 (2500 mm)
1500	1x 21-37483 (2750 mm)	1x 21-37484 (3500 mm)	2x 21-37482 (2500 mm)

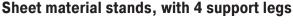
The first two bays of a racking row must be fitted with 1 cross bracing set each. The next cross bracing set must be fitted to the 6th bay and, in longer rows, to every 5th following bay.



# **Sheet material stands and trolleys**







- With 4 rubber feet
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Deck from film coated plywood
- 7 fitting positions, clear width between divider bars 90 mm
- Fitted with a full width roller at one short side to help infeeding and outfeeding
- Supplied without divider bars, please order separately

Load capacity	Deck dim. L x W	Ref. no.
kg	mm	
1200	1200 x 800	22-21313
1200	1600 x 800	22-21314

#### Sheet material trolleys

- Supplied with 2 swivel and 2 fixed castors, swivel castors with brake
- Load capacity 600 kg, wheels with TPE tyres, hub with deep groove ball bearing
- Load capacity 1200 kg, elastic rubber tyred wheels on roller bearing hub
- Deck from film coated plywood
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- 7 fitting positions, clear width between divider bars 90 mm
- Supplied without divider bars, please order separately



You will find this option on page 297

Load capacity	Description	Deck dim. L x W	Castor Ø	Ref. no.
kg		mm	mm	
600	TPE tyres	1200 x 800	200	22-21309
		1600 x 800	200	22-21311
1200	super elastic rubber	1200 x 800	200	22-21310
	tyres	1600 x 800	200	22-21312



#### Divider bars, for sheet material trolleys and stands

- Steel tube handle, epoxy-coated in brilliant blue, RAL 5007
- Divider bars allow subdivision of loading surface, seven fitting positions

Length	Height	Ref. no.
mm	mm	
1200	300	22-21315
	600	22-21316
	900	22-21317
1600	300	22-21318
	600	22-21319
	900	22-21320



#### Add-on feet for sheet material stands

- Optional accessory
- Set of 4 add-on feet to increase floor clearance to 100 mm for fork lift truck and hand pallet truck handling

Material	Pcs/ pack	Ref. no.
steel	4	22-21321



# **Sheet/plate racks for oddments**



- Rack base from galvanised steel sheet with grooves for easy sheet positioning, solid square-tubed frame for stable footing
- Galvanised push-in divider bars with additional bolt fixing

#### Sheet/plate racks for oddments

- Divider bars in various heights (2 x 120 mm, 1 x 385 mm, 1 x 640 mm and 2 x 900 mm) allow to store sheet materials of different dimensions
- Easy-to-view product presentation saves money
- Time saving and cost effective solution
- Encourages re-use of oddments, fast return on investment
- Designed for storing sheet materials from PVC, laminates, cardboard or sheet steel
- Takes sheets up to 4 mm thick and materials with a specific weight up to 9 kg/dm³

Dimensions L x W x H	Section width	Total number of compartments	Shelf load	Ref. no.
mm	mm		kg	
1600 x 480 x 1000	50	5	300	22-14908



### **Sheet/plate racks**

- Divider bars are 900 mm high
- Accommodates sheet materials from PVC, laminates, cardboard or steel, load capacity of up to 9 tonnes
- Easy-to-view product presentation saves money
- Storage goods are within immediate reach
- One-person operation

Dimensions L x W x H	Section width	Total number of compart-ments	Shelf load	Suited for panel dim.	Ref. no.
mm	mm		kg	mm	
2030 x 560 x 1000	45	6	1000	2000 x 1000 - 3000 x 1500	22-14909
2030 x 800 x 1000	45	9	1000	2000 x 1000 - 3000 x 1500	22-14910
	85	6	750	2000 x 1000 - 3000 x 2000	22-14911



# Wire-mesh partitions

#### for light duty applications



- Provide reliable protection of valuable goods and equipment and enclose production and warehouse areas
- Fast and easy to assemble
- Also ideal for protecting machinery
- Grid infill 18 x 97 mm
- Vertical tubes 30 x 25 mm
- Horizontal brace Ø 19 mm
- Grid rods Ø 2.5 and 3 mm

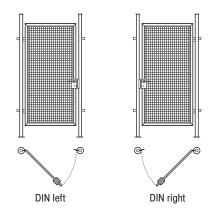
#### Wall panels, for light duty applications

Supplied without posts

colour	galvanised	RAL 9005 Jet black
Dimensions	Ref. no.	Ref. no.
mm		
W 400 x H 2200	22-21400	22-21420
W 500 x H 2200	22-21401	22-21421
W 600 x H 2200	22-21402	22-21422
W 700 x H 2200	22-21403	22-21423
W 800 x H 2200	22-21404	22-21424
W 900 x H 2200	22-21405	22-21425
W 1000 x H 2200	22-21406	22-21426
W 1100 x H 2200	22-21407	22-21427
W 1200 x H 2200	22-21408	22-21428
W 1500 x H 2200	22-21409	22-21429

### i BITO info

Other configurations and colours upon request.



#### **Accessories**



1 wing









C Sliding doors

RAL 9005 Jet

Posts

RAL 9006 White

						colour	black	aluminium
Pos.	Description	on	Dimensions	Clear door width	Clear width/ height	Description	Ref. no.	Ref. no.
			mm	mm				
A	Door	delivery includes lock case, door	W 1020 x H 2200	900	882/2165	DIN left	22-21431	22-21411
modules, handle and without lo	handle and reinforcing tube, without locking cylinder, please add 1 post to your order!	W 1020 x H 2200	900	882/2165	DIN right	22-21430	22-21410	
В	Door modules, 2 wings	delivery includes lock case, door handle and reinforcing tube, without locking cylinder, please add 2 posts to your order!	W 1920 x H 2200	1800	1780/2165	standard version	22-21432	22-21412
0	Sliding	delivery includes lock case, door	W 2370 x H 2200	2250	2220/2155	DIN left	22-21434	22-21414
	doors	handle, runner rail and castors, without locking cylinder, please add 4 posts to your order!	W 2370 x H 2200	2250	2220/2155	DIN right	22-21433	22-21413
D	Posts	60 x 60 x 1.5 mm, base	W 60 x H 2250			standard version	22-21435	22-21415
		plate 8 x 60 x 142 mm, 2 long slots	W 60 x H 2300			standard version	22-21436	22-21416
	sized 30 x 11 mm each, epoxy- coated, including heavy duty floor anchors	W 60 x H 2400			standard version	22-21437	22-21417	



# Wire-mesh partitions

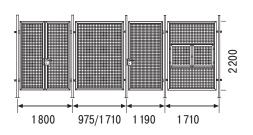
#### for heavy duty applications

- Sturdy steel tube framework, Ø 32 mm
- Provide reliable protection of valuable goods and equipment and enclose production and warehouse areas
- Mesh size 50 x 50 x 4 mm
- Fast and easy to assemble
- Brackets for bolt-on fixing to posts
- Tension adjusting bolts between posts and ceiling provide additional stability
- Posts and mesh panels painted in gentian blue, RAL 5010 or reseda green, **RAL 6011**

#### Wall panels, for heavy duty applications

- All-welded construction
- Supplied without posts

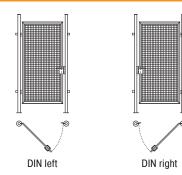
Dim. without brackets	Distance between upright centre lines	Ref. no.
mm	mm	
W 815 x H 2200	975	22-18534
W 1550 x H 2200	1710	22-18535





#### i BITO info

Other configurations and colours upon request.



#### **Accessories**







B Door modules, 2 wings



Service hatches



Sliding doors



Posts



Bolt tensioners

Pos.	Description		Dim. without brackets	Distance between upright centre lines	Clear width/ height	Description	Ref. no.
			mm	mm			
A	Door	door panels opening optionally to right-hand or to left-hand side	W 1070 x H 2200	1190	1070/2350	DIN left	22-18539
	modules, 1 wing	as specified by DIN, complete with 2 posts, door handle set with angled stop plate and lock	W 1070 x H 2200	1190	1070/2350	DIN right	22-18540
В	Door	complete with 2 posts, locking bolt at floor height, door handle	W 1690 x H 2200	1800	1680/2350	DIN left	22-18541
	modules, 2 wings	set with angled stop plate and lock, supplied with welded-on screw nuts for bolt tensioners to ensure solid connection to ceiling (supplied without wall plugs)	W 1690 x H 2200	1800	1680/2350	DIN right	22-18542
G	Service hatches	wall panels with 2-wing hatch with mesh infill, stop plate and hasp and staple facility for customer-fitted padlock (delivery without posts)	W 1550 x H 2200	1710		standard version	22-18536
0	Sliding doors	complete with 2 posts, runner rail, fasteners and guide rails, door handle and hook lock, ready for mounting locking cylinder (to be fitted by customer), supplied with welded-on screw nuts for bolt tensioners to ensure solid connection to ceiling (supplied without wall plugs)	W 1800 x H 2200	1800	1700/2350	standard version	22-18543
A	Posts	60 mm steel tube with pre-drilled base plate and brackets for	W 60 x H 2500			Corner posts	22-18538
		wall panel fixing, supplied with welded-on screw nuts for bolt	W 60 x H 2500			Line end posts	22-18546
		tensioners to ensure solid connection to ceiling (supplied without wall plugs)	W 60 x H 2500			In-line posts	22-18537
ß	Bolt	lock posts tightly between floor and ceiling, long bolts to allow	L 500			for wire partitions	22-18544
	tensioners	adjustment to various room heights	L 1000			for wire partitions	22-18545



# Aim high, stay safe!





In almost any warehouse or storage room operators will need suitable access equipment for loading and retrieving products. Our selection of shelving ladders, access platforms and kicksteps focusses on safety. Without exception, all products have been manufactured in Germany and have been awarded the quality mark "Made in Germany" by the TÜV NORD, an international certification body headquartered in Hanover, Germany, that is working with independent experts to assess the quality and safety of technical products. As all products provided on the following pages have been manufactured to the strictest standards of quality, we are able to offer our customers a 15 year warranty.

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# Shelving access ladders and A-frame ladders

# **Shelving access ladders from aluminium**





- 80 mm deep treads with anti-slip ribbing and sturdy tread/stile connection
- Ideal for use with boltless shelving
- Please refer to our range of accessories to mount the ladder support railing. Support brackets must be mounted at a spacing between 0.80 and 1.30 metres.
- Distance between treads 235 mm, 20° angle
- Approved to DIN standard EN 15636 and other relevant safety regulations



#### **Hook-on version**

- Equipped with 2 pairs of hooks for hook-on fitting to the guide rail to allow a fully vertical lean-to position to the shelving when not in use
- Non-slip stile shoes
- Ladder width 420 mm

Ladder length	Number of treads incl. platform	Vertical length (push-flat position)	Access height approx.	Width at base	Post weight	Ref. no.
mm		mm	mm	mm	kg	
1690	6	1580	2800	580	4,3	16-13865
2190	8	2050	3300	750	6,0	16-13864
2690	10	2520	3800	920	7,4	16-13863
3190	12	2990	4300	1090	8,2	16-13862
3690	14	3460	4800	1260	9,6	16-13861
4190	16	3930	5300	1430	10,9	16-13860



#### **Mobile version**

- Non-slip stile shoes, 2 self-locking fixed castors at the lower stile ends, castor diameter 80 mm
- Silent and smooth operation on guide rail, can be pushed flat against shelving when not in use
- Ladder width 420 mm
- Ladder width including castors 600 mm

Ladder length	Number of treads incl. platform	Vertical length (push-flat position)	Access height approx.	Width at base	Post weight	Ref. no.
mm		mm	mm	mm	kg	
1664	6	1920	2800	780	8,0	16-19073
2164	8	2390	3300	950	9,5	16-19074
2664	10	2860	3800	1120	11,0	16-19076
3164	12	3330	4300	1290	12,0	16-19078
3664	14	3800	4800	1460	13,5	16-19077

# BITO



### For back-to-back shelving/racking, pivot-mounted

- Max. aisle width 1600 mm
- Castors compensate lateral spreading of up to 2 cm
- Ladder width 400 mm
- Ladder width including castors 580 mm

EΩ	ρhl	flat	

Ladder length	Number of treads incl. platform	Vertical length (push-flat position)	Access height approx.	Width at base	Post weight	Ref. no.
mm		mm	mm	mm	kg	
1780	6	2590	3440	990	18.5	16-39100
2030	7	2820	3670	1070	19.0	16-39101
2280	8	3060	3910	1160	19.5	16-39102
2530	9	3290	4140	1240	20.5	16-39103
2780	10	3530	4380	1330	21.0	16-39104
3030	11	3760	4610	1410	21.5	16-39105
3280	12	4000	4850	1500	23.0	16-39106



#### **Accessories**



Pos.	Description		Ref. no.
A	Support brackets, aluminium, mounted at rail ends, with left-hand stop	mounted to both ends of ladder support rail	16-19112
	Support brackets, aluminium, mounted at rail ends, with right-hand stop	mounted to both ends of ladder support rail	16-19113
B	Support brackets, aluminium, mounted along rail length	to be fitted in intervals between 800 and 1300 mm	16-19111
G	Fixing kit, for steel tube rail ends and intermediate support brackets	1 fixing kit required per support bracket	16-40531
D	Ladder mounting rail, steel	diameter 30 mm, length 3000 mm	16-40530



# Shelving access ladders and A-frame ladders

# **Aluminium folding steps**











nivello® stile shoes



#### ■ 80 mm deep treads with anti-slip ribbing and sturdy tread/stile connection

- Nivello® anti-slip stile shoes
- Conical construction ensures high stability
- Ergo-pad® grips fitted at balance point for ergonomic carrying
- Distance between treads 235 mm, 20° angle
- Approved to DIN standard EN 15636 and other relevant safety regulations

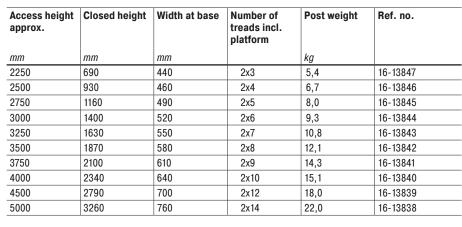
#### Single sided access, with large working platform and tool tray

- Large working platform, size approx. 400 x 400 mm
- Tool tray integrated into railing, dimensions approx. 350 x 200 mm, folds flat
- Optimised aluminium hinges "safe-cap" provide added support, 6-point riveting and increased material thickness provide maximum stability and durability
- Safe footing as high-strength nylon webbing straps prevent spreading
- 2 hand rails, length approx. 750 mm; self-assembly kit (railing length 1300 mm for ladders with at least 8 treads)

Access height approx.	Closed height	Height of platform/ upper tread	Width at base	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm	mm		kg	
2950	1670	950	610	4	10.3	16-39107
3150	1910	1190	640	5	11.7	16-39108
3400	2150	1420	660	6	12.6	16-39109
3650	2380	1660	690	7	13.9	16-39110
3900	2620	1890	720	8	15.8	16-39111
4100	2850	2130	750	9	17.2	16-39112
4350	3090	2360	780	10	18.4	16-39113

#### **Double sided access**

Sturdy aluminium hinges, bolted on 4 points, with 2 strong nylon safety straps to prevent spreading





# Shelving access ladders and A-frame ladders



# **Aluminium folding steps**

#### with castors

- 80 mm deep treads with anti-slip ribbing and sturdy tread/stile connection
- Nivello® anti-slip stile shoes
- Conical construction ensures high stability
- Metal braces safely connect both step sides; braces can be unfastened for folding the steps
- 4 self-locking spring-mounted castors at the lower stile ends
- Castor diameter 80 mm
- Distance between treads 235 mm, 20° angle
- Approved to DIN standard EN 15636 and other relevant safety regulations







#### Single sided access, with castors

Optimised aluminium hinges "safe-cap" provide added support, 6-point riveting and increased material thickness provide maximum stability and durability

Access height approx.	Closed height	Width at base	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm		kg	
2750	1370	620	3	8,6	16-13837
3000	1600	650	4	9,4	16-13836
3250	1830	680	5	10,5	16-13835
3500	2070	700	6	11,8	16-13834
3750	2310	740	7	13,2	16-13833
4000	2540	770	8	14,5	16-13832
4250	2760	800	9	15,7	16-13831
4500	3010	830	10	17,0	16-13830
5000	3480	890	12	19,4	16-13829
5500	3950	950	14	22,7	16-13828



#### Double sided access, with castors

Access height approx.	Closed height	Width at base	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm		kg	
2250	690	590	2x3	8,1	16-13858
2500	930	610	2x4	9,5	16-13857
2750	1160	640	2x5	10,8	16-13856
3000	1400	670	2x6	12,3	16-13855
3250	1630	700	2x7	13,9	16-13854
3500	1870	730	2x8	15,3	16-13853
3750	2100	760	2x9	17,0	16-13852
4000	2340	790	2x10	18,1	16-13851
4500	2790	850	2x12	21,8	16-13850
5000	3260	910	2x14	25,6	16-13849







# Mobile aluminium access ladders





- 80 mm deep treads with anti-slip ribbing and sturdy tread/stile connection
- Nivello® anti-slip stile shoes
- 2 hand rails, platform railing with knee rails
- Rear stabiliser provides added stability
- Diagonal braces can be unbolted for folding the steps and saving space when not in use
- Non-slip working platform sized approx. 510 x 600 mm with toe board on three sides
- 2 fixed castors with brake, Ø 125 mm
- Distance between treads 235 mm, 20° angle
- Approved to DIN standard EN 15636 and other relevant safety regulations



nivello® stile shoes



#### Single sided access

Access height approx.	Closed height	Height of platform/ upper tread	Width at base	Width at base	Number of treads incl. plat- form	Post weight	Ref. no.
mm	mm	mm	mm	mm		kg	
3850	2850	1850	1200	1460	8	45.5	16-39114
4100	3100	2080	1460	1570	9	49.5	16-39115
4600	3600	2560	1460	1770	11	54.0	16-39116



# Mobile aluminium access ladders

#### folding version

- Sturdy stiles
- 80 mm deep treads with anti-slip ribbing and sturdy tread/stile connection
- Large platform sized 650 x 600 mm with non-slip aluminium surface
- **Twin handrails**
- Platform railing on three sides
- Nivello® anti-slip stile shoes provide safe footing
- Tool tray on upper railing
- Ladder width 650 mm
- Approved to DIN standard EN 15636 and other relevant safety regulations





nivello® stile shoes

### **Folding version**

Stabiliser with two braked fixed castors Ø 125 mm

Access height approx.	Height of platform/ upper tread	Height incl. railing	Ladder length closed	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm	mm		kg	
3150	1150	2150	2750	5	37	16-39132
3400	1380	2380	3000	6	39	16-39133
3600	1610	2610	3250	7	43	16-39134
3850	1840	2840	3500	8	45	16-39135
4300	2300	3300	4000	10	49	16-39136
4800	2770	3770	4500	12	55	16-39137
5250	3230	4230	5000	14	76	16-39138



### Folding version, narrow width stabiliser

- 2 fixed castors with brake Ø 125 mm
- Small width stabiliser for use in particularly narrow aisles
- Weight balancers provide required operational safety, delivery includes assembly instructions

Access height approx.	Height of platform/ upper tread	Height incl. railing	Ladder length closed	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm	mm		kg	
3150	1150	2150	2750	5	67	16-39139
3400	1380	2380	3000	6	89	16-39140
3600	1610	2610	3250	7	103	16-39141
3850	1840	2840	3500	8	125	16-39142
4300	2300	3300	4000	10	149	16-39143
4800	2770	3770	4500	12	205	16-39144
5250	3230	4230	5000	14	218	16-39145







# Mobile access platforms

#### platform height up to 2 metres





- **■** Robust yet leightweight box section aluminium stiles
- Guardrail on 3 sides includes knee rail and toeboards
- Supplied unmounted, detailed instructions are included
- 4 self-locking swivel castors (2 with brake), Ø 125 mm
- Tread depth 200 mm
- Platform size 600 x 800 mm
- Hand railing on both sides is optional according to DIN EN131-7 if the incline does not exceed 60°
- Approved to DIN standard EN 15636 and other relevant safety regulations



#### Single sided access, treads and platform from wood

Varnished beech treads with slip-proof ribbing

Access height approx.	Platform height without railing	Dimensions at base W x D	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm		kg	
2700	720	770 x 1240	3	35	16-19085
3000	960	820 x 1410	4	38	16-19086
3200	1200	880 x 1580	5	42	16-19087
3500	1440	940 x 1750	6	45	16-19088
3700	1680	1000 x 1920	7	48	16-19089
3900	1920	1060 x 2090	8	51	16-39152



#### Double sided access, treads and platform from wood

■ Varnished beech treads with slip-proof ribbing

Access height approx.	Platform height without railing	Dimensions at base W x D	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm		kg	
2700	720	770 x 1510	3	35	16-19090
3000	960	820 x 1790	4	40	16-19091
3200	1200	880 x 2070	5	44	16-19092
3500	1440	940 x 2350	6	48	16-19093
3700	1680	1000 x 2620	7	53	16-19094
3900	1920	1060 x 2900	8	59	16-39161

# Step ladders

### Single sided access, treads and platform from aluminium with non-slip diamond pattern surface

- Aluminium treads and platform with non-slip ribbed surface
- Please note: Delivery does not include hand railing

Access height approx.	Platform height without railing	Dimensions at base W x D	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm		kg	
2700	720	770 x 1240	3	30	16-39146
3000	960	820 x 1410	4	32	16-39147
3200	1200	880 x 1580	5	35	16-39148
3500	1440	940 x 1750	6	38	16-39149
3700	1680	1000 x 1920	7	43	16-39150
3900	1920	1060 x 2090	8	47	16-39151



#### Double sided access, treads and platform from aluminium with non-slip diamond pattern surface

- Aluminium treads and platform with non-slip ribbed surface
- Please note: Delivery does not include hand railing

Access height approx.	Platform height without railing	Dimensions at base W x D	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm		kg	
2700	720	770 x 1510	3	30	16-39155
3000	960	820 x 1790	4	34	16-39156
3200	1200	880 x 2070	5	39	16-39157
3500	1440	940 x 2350	6	44	16-39158
3700	1680	1000 x 2620	7	49	16-39159
3900	1920	1060 x 2900	8	55	16-39160

#### **Accessories**







B Handrails for double sided access

Pos.	Description		Ref. no.
A	Handrails for single sided	suited for access platforms with 3 treads	16-39153
•	access, left and right hand	suited for access platforms with 4-6 treads	16-19115
	doors as required	suited for access platforms with 7-8 treads	16-39154
B	Handrails for double sided	suited for access platforms with 3 treads	16-39162
	access	suited for access platforms with 4-6 treads	16-39163
		suited for access platforms with 7-8 treads	16-39164



# Mobile aluminium access platforms

#### platform height up to 4 metres



- Supplied with twin hand rails and platform with three-sided guard railing, railing height 1100 mm
- All steps and ladders comply with the latest safety regulations in Germany and with the European standard DIN EN ISO 14122
- Rear stabiliser with 2 fixed castors, Ø 160 mm
- All castors with total stop brake
- 2 swivel castors, Ø 125 mm, fitted to mounting side
- Platform depth 600 mm



#### 60° incline

- Tread width 800 mm
- Tread depth 200 mm

Height of platform/upper tread	Width at base	Number of treads incl. platform	Ref. no.	
mm	mm			
1690	1630	7	16-39177	
1940	1780	8	16-39178	
2180	1920	9	16-39179	
2420	2040	10	16-39180	
2660	2170	11	16-39181	
2900	2320	12	16-39182	
3150	2460	13	16-39183	
3400	2600	14	16-39184	
3640	2740	15	16-39185	
3880	2880	16	16-39186	



#### 45° incline

- Tread width 800 mm
- Tread depth 240 mm

Height of platform/upper tread	Width at base	Number of treads incl. platform	Ref. no.	
mm	mm			
1670	2250	8	16-39165	
1870	2450	9	16-39166	
2080	2630	10	16-39167	
2290	2840	11	16-39168	
2500	3050	12	16-39169	
2700	3250	13	16-39170	
2910	3460	14	16-39171	
3120	3670	15	16-39172	
3330	3880	16	16-39173	
3540	4090	17	16-39174	
3750	4300	18	16-39175	
3950	4500	19	16-39176	



Bauart

geprüft

YEAR WARRANTY

Intertek

Deutschland

# Aluminium folding steps

- Folds flat in a second
- Heavy duty twin stiles
- Anti-slip treads sized 205 x 360 mm
- Non-slip stile shoes
- Approved to DIN standard EN 15636 and other relevant safety regulations





Folds flat



#### Without push bar

■ Depth when folded 85 mm

Access height approx.	Height of top tread	Total width	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm		kg	
2400	420	550	2	5.0	16-39117
2700	640	570	3	7.0	16-39118

#### With folding handle and tool tray

■ Depth when folded 125 mm

Access height approx.	Height of top tread	Total width	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm		kg	
2700	640	550	3	9.0	16-39119
2900	860	570	4	11.5	16-39120
3100	1060	590	5	13.5	16-39121



# Alı

# **Aluminium platform steps**







- Heavy duty aluminium construction
- Aluminium treads and platform with non-slip ribbed surface
- Approved to DIN standard EN 15636 and other relevant safety regulations





#### Single sided access

- Sturdy welded construction from tubular aluminium profiles
- Non-slip stile shoes from plastic
- Large uppermost tread sized 410 x 300 mm for comfortable and safe working
- Supplied unmounted, detailed instructions are included

Access height approx.	Platform height	Dimensions upper tread W x H	Dimensions at base W x D	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm	mm		kg	
2500	490	410 x 300	540 x 530	2	5.30	16-39122
2700	730	410 x 300	590 x 770	3	7.90	16-39123
3000	970	410 x 300	640 x 1000	4	10.50	16-39124

#### Single sided access, folding version

- Heavy duty aluminium box section stiles
- Nivello® anti-slip stile shoes
- Platform steps can be folded for storage
- 80 mm deep treads with non-slip surface
- Aluminium platform with anti-slip diamond pattern surface

Access height approx.	Platform height	Dimensions upper tread W x H	Dimensions at base W x D	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm	mm		kg	
2700	720	650 x 300	760 x 800	3	7.50	16-39127
3000	960	650 x 300	920 x 830	4	8.90	16-39128

#### Double sided access, folding version

- Heavy duty aluminium box section stiles
- Non-slip stile shoes from plastic
- Platform steps can be folded for storage
- 80 mm deep treads with non-slip surface
- Aluminium platform with anti-slip diamond pattern surface

Access height approx.	Platform height	Dimensions upper tread W x H	Dimensions at base W x D	Number of treads incl. platform	Post weight	Ref. no.
mm	mm	mm	mm		kg	
2460	460	520 x 330	620 x 560	2x2	4.70	16-39129
2690	690	520 x 330	790 x 590	2x3	6.10	16-39130
2930	930	520 x 330	960 x 620	2x4	7.70	16-39131



# Kick steps

- From grey PVC, with 3 braked castors
- Can be moved to any place with a slight push
- Castors retract and lock in place when weight is applied

Diameter at top	Diameter at base	Closed height	Load capacity	Ref. no.
mm	mm	mm	kg	
300	450	435	150	16-11590



### Step stools

- 150 mm deep treads, treated wood
- Platform with grip hole
- Stiles from epoxy-coated steel in grey, RAL 7023
- **■** Non-slip stile shoes
- Approved to DIN standard EN 15636 and other relevant safety regulations





#### Without castors

Access height approx.	Number of treads incl. platform	Closed height	Dimensions at base W x D	Ref. no.
mm		mm	mm	
2400	2	490	460 x 620	16-19104
2600	3	730	500 x 820	16-19105
2800	4	970	540 x 1000	16-19106



#### With castors

- 4 fixed castors for on-site mounting
- Castor orientation allows forward and reverse movement and lock in place as soon as weight is applied

Access height approx.	Number of treads incl. platform	Closed height	Dimensions at base W x D	Ref. no.
mm		mm	mm	
2400	2	490	460 x 620	16-19107
2600	3	730	500 x 820	16-19108
2800	4	970	540 x 1000	16-19109









# **Smart solutions to protect our environment!**





Environmentally hazardous substances such as oils, acids, paints, etc. require environmentally sound storage solutions! The BITO product range caters for these needs with various products such as drum racking, spill trays and tapping stations as well as with complete solutions such as spill deck systems and boltless shelving standing in a spill tray to provide safe storage of kegs and cans containing hazardous liquids. Of course, our multi-purpose container series MB also offers a "green" option.



Pick your solution from the following pages! For further questions, call our hotline number below!

# **Environmental protection**



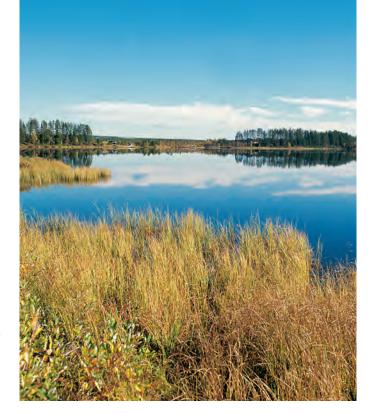
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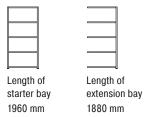




# **BITO** Environmental protection

## **Drum racking**

- Safe and envrionmentally friendly storage of oil, grease
- Suited for horizontal storage of 4 x 200 litre drums
- Drum cradles allow convenient and precise drum positioning
- Supplied with bucket/can holder
- Spill tray with TÜV certificate of conformity
- Spill tray from 3 mm thick steel sheet according to DIN 10025, supplied with certificate of conformity (ÜHP) for compliance with above-standard safety regulations





Dimensions H x L x D	Description	Ref. no.
mm		
2000 x 1960 x 800	Starter bay	66-33111
2000 x 1880 x 800	Extension bay	66-33112

# **Accessories** Wire shelves A Drum supports Beams B Bucket/can holders

Pos.	Description		Colour	Dimensions	Ref. no.
				mm	
A	Drum supports	for drum racking, frame from angled profiles, rear stop	RAL 5010 Gentian blue	L 270 x H 210 x D 800	66-18103
B	Bucket/can holders	for drum racking, hook-on fitting to drum cradle, grid platform sized 330 x 230 mm	RAL 5010 Gentian blue	L 330 x H 347 x D 230	66-18104
<b>G</b>	Beams	BITO TwinTop® profile, type 95L, 5 hooks per connector provide reliable form and force locking, gives excellent lengthwise rigidity to racking construction, height adjustable on a 50 mm pitch allowing optimum adaptation to the dimensions of stocked loads, epoxy-coated in gentian blue, RAL 5010	RAL 5010 Gentian blue	L 1800 x H 95	66-23656
D	Wire shelves - 1 segment	Hot-dip galvanised mesh decks for box type beams, good air circulation and water permeability, ideal for warehouses in which a sprinkler system has to be installed, lipped edges allow flush drop-on fitting on beams without adding to the level height, grid infill 66 x 33 mm, mesh decking accepts high load capacities, force-fit connection of grid bars with the angled frame makes mesh decks particularly suited for heavy duty applications, easy and fast drop-on fitting onto the box-type beams, stocked goods can also be identified from a lower position, Please order BITO TwinTop® beams separately	galvanised	L 1800 x W 800D 800	66-40871

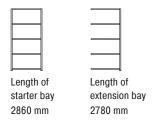
# **Environmental protection**



#### **Drum racking**

#### for drum storage on pallets

- Safe and envrionmentally friendly storage of oil, grease and acids
- Suited for vertical drum storage
- Spill tray with TÜV certificate of conformity
- Spill tray from 3 mm thick steel sheet according to DIN 10025, retaining capacity 415 litres, supplied with certificate of conformity (ÜHP) for compliance with above-standard safety regulations
- Load capacity per level 3000 kg maximum
- Frames and spill tray galvanised, beams epoxy-coated in gentian blue RAL 5010
- Further bays can be added whenever required





Dimensions H x L x D	Description	Ref. no.
mm		
2500 x 2860 x 1100	Starter bay	66-26666
2500 x 2780 x 1100	Extension bay	66-26667

## **Spill trays**

- From 3 mm thick steel sheet according to DIN EN 10327, sealed to prevent leakage, with certificate of conformity for above-standard quality
- Fork shoe height 100 mm for safe lift truck handling



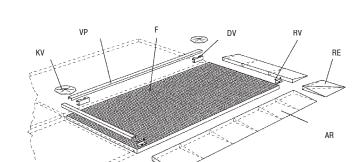
#### i BITO info

Please note: The spill tray must hold at least 10% of the total storage volume or at least the entire content of the largest container. **Exception:** In water protection areas the spill tray must hold 100% of the contents.

Outside dimensions W x H x D	Spill tray volume	Description	Ref. no.
mm	Litres		
1700 x 251 x 1290	269	without mesh deck	66-33110
2600 x 260 x 1290	415	without mesh deck	66-9608
		with mesh deck (can be removed)	66-9611



# **Spill prevention systems**



- Approved for highly flammable liquids
- Modular system allows future expansion and modification
- Availability of spill deck modules in various dimensions allows optimum adaptation to your operational requirements
- Load capacity 5000 kg/m², maximum wheel load 450 kg
- Easy assembly, unlimited range of applications
- Spill decks can also be supplied with increased load capacity for lift truck and lorry traffic
- Catchment sump from 3 mm thick steel sheet, galvanised, with removable mesh deck
- Individual solutions can be realised upon request (f. ex. for increased load capacity)
- Spill deck modules and accessories are galvanised





Dimensions L x H x D	Spill tray volume	Ref. no.	
mm	Litres		
1370 x 78 x 1370	80	24-12943	
1870 x 78 x 1370	110	24-12944	
2870 x 78 x 1370	170	24-12945	
2870 x 78 x 1870	229	24-12946	



#### Ramp edges

Description	Dimensions L x W	Ref. no.
	mm	
Ramp side profiles	1320 x 720	24-12950
	1820 x 720	24-12951
	2820 x 720	24-12952
Ramp corners	730 x 730	24-12953



#### **Fixing elements**

Description	Dimensions L x W	Ref. no.
	mm	
Distance holders	25 x 120	24-12954
Edge clamps	20 x 100	24-12955
T-profiles to join the sides ot spill deck modules	1320 x 45	24-12947
	1820 x 45	24-12948
	2820 x 45	24-12949



# **Drum pallets**

- **■** Approved for highly flammable liquids
- Removable hot-dip galvanised mesh deck
- With fork shoes for safe forklift truck handling
- Retaining volume is equivalent to 1 drum with a 200 litre content
- Spill tray from 3 mm thick steel sheet according to DIN 10025, supplied with certificate of conformity (ÜHP) for compliance with above-standard safety regulations



			colour	RAL 5010 Gentian blue	galvanised
Outside dim. L x D x H	Height of fork shoes/runners	Description	Spill tray volume	Ref. no.	Ref. no.
mm	mm		Litres		
1236 x 816 x 328 mm	90	2 drums in 1 row	208	24-12915	24-11406
1290 x 1211 x 250 mm		4 drums in 2 rows	200	24-12917	24-12918
2460 x 816 x 233 mm	100	4 drums in 1 row	210	24-12914	24-12916
2460 x 1211 x 210 mm		8 drums in 2 rows	205	24-12919	24-12920

## £3

### **Safety bunds**

- From polyethylene to resist aggressive substances
- Highly resistant to most acids and alkaline materials
- Retaining volume 200 litres
- Dimensioned for optimum use of lorry loading space and for storage in pallet racking
- Accommodates 6 PVC kegs with a 60 litre capacity or 2 drums with a 200 litre capacity
- Highly impact resistant even if temperature variations are considerable



Outside dimensions W x H x D	Description	Ref. no.
mm		
1240 x 285 x 845	without mesh deck	24-12958
	with mesh deck (can be removed)	24-12959

#### **Containers for hazardous substances**

Safe transport of hazardous goods such as paints, sprays, etc.

- Consisting of container and drop-over lid
- Tightly closing lid with ready-mounted metal lever locks
- MB containers have been approved by the BAM Federal Institute for Materials Research and Testing as outer packaging for hazardous goods categorised into packaging groups II and III. The certificate of approval bears the number 4H2/Y25/S/18/D/BAM6107-BITO. MB containers conform to the German regulations on the transport of hazardous substances by road (GGVS), by rail (GGVE), by sea (GGVSee) and by air.



Outside dimen- sions L x W	Height	Volume	Load capacity	Container type	Colour	Ref. no.
mm	mm	Litres	kg			
410 x 310	238	18	13	MBSG43221CLIP	purple red	6-18653
	338	27	13	MBSG43321CLIP	purple red	6-18655
610 x 410	238	38	17	MBSG64221CLIP	purple red	6-18657
	338	58	20	MBSG64321CLIP	purple red	6-18659
	438	74	20	MBSG64421CLIP	purple red	6-18660

# **Environmental protection**



## Shelving for small tanks, containers & drums

- Shelf levels are adjustable on a 25 mm pitch
- All parts are galvanised
- Extensions possible at any time

#### i BITO info

All shelving units can be equipped with solid shelves, wire shelves or tray shelves. All shelf types can also be combined in the same unit.

#### With tray shelves

- Supplied with 5 tray shelves with liquid-tight seams
- 60 mm deep tray shelves, upper edge folded to prevent injuries

Shelf load	Dimensions H x L x D	Description	Ref. no.
kg	mm		
200	2000 x 1058 x 524	Starter bay	10-12912
	2000 x 1008 x 524	Extension bay	10-12913

# LACOF LACO

#### With shelves and spill tray

- Supplied with 5 shelves and a spill tray
- Reliable soil protection, as spill tray is large enough to accommodate entire shelving
- Approved for highly flammable liquids
- 83 mm deep tray shelves, retention volume 30 litres

Shelf load	Dimensions H x L x D	Spill tray dimensions H x L x D	Description	Ref. no.
kg	mm	mm		
200	2000 x 1058 x 524	83 x 1096 x 570	Starter bay	10-17234
	2000 x 1008 x 524	83 x 1005 x 570	Extension bay	10-17235

# LACE

#### With wire shelves and spill tray

- Supplied with 5 wire shelves and a spill tray
- Reliable soil protection, as spill tray is large enough to accommodate entire shelving
- Approved for highly flammable liquids
- 83 mm deep tray shelves, retention volume 30 litres

Shelf load	Dimensions H x L x D	Spill tray dimensions H x L x D	Description	Ref. no.
kg	mm	mm		
100	2000 x 1058 x 524	83 x 1096 x 570	Starter bay	10-16495
	2000 x 1008 x 524	83 x 1005 x 570	Extension bay	10-16496



#### **Accessories**







A Additional shelves

B Tray shelves

Wire shelves

Pos.	Description		Ref. no.
A	Additional shelves	load capacity 200 kg, shelf height 40 mm, with shelf perforations for dividers, supplied with 4 shelf clips	10-17076
B	Tray shelves	safe storage of receptacles with spill potential such as open paint cans etc., shelves retain spillage, height 60 mm, supplied with 4 shelf clips, shelf load capacity 200 kg	10-12937
C	Wire shelves	shelf height 25 mm, mesh rods with 30 mm spacing, supplied with 4 shelf clips, load capacity per wire shelf 100 kg	10-16489





# Stay safe and well organised!





Optimise your logistic processes and protect your ware-house and workshop facilities as well as your staff while complying with the latest regulations set up by health and safety at work acts as well as accident prevention and insurance associations. Take a look at our barriers and bumpers to prevent collision damage, accidents and resulting idle times.



Our useful range of products also includes high-quality line marking paint and marking tapes to highlight in-house traffic routes and hazard areas as is required by the latest regulations.

Also consider our selection of signs and labels for easy and immediate product location and identification!

# Identification & safety



# **Contents**

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# Spray paint marking



#### Line marking paint

- Quick-drying
- Abrasion-resistant
- CFC-free
- For delineating shelving and racking areas, pallet deposit areas, in-house traffic routes, etc.
- Compliance with the latest regulations of accident prevention and insurance associations and national health and safety at work acts
- Spray line width 50 mm, sufficient for approx. 75-90 m
- Drying time approx. 24 hours
- Resistant to petrol, oil, lubricants and most chemicals
- Suited for most undergrounds
- The application surface should be free of soil, oils, chemicals and paint residues

Can content	Colour	Ref. no.
ml		
750	yellow	46-20700
	white	46-20701
	orange	46-20702
	black	46-20703
	grey	46-20704
	blue	46-20705
	red	46-20706
	green	46-20707



#### Line marking applicators

- 4-wheeled applicator providing greater stability for straight long lines; rear wheels can be
  - 2-wheeled application of curved lines close to and around shelving and racking, deposit areas, pallet stacks etc.
- Material steel tube
- Colour blue

Line width	Ref. no.
mm	
50-75	46-20709
100-130	46-20710



#### Self-adhesive hazard warning tape

- Highlight hazard areas and obstacles in your warehouse as is required by the latest health and safety regulations
- Clear marking of hazard areas and obstacles provides increased operational safety
- Can be manually applied or with a tape dispenser
- Material vinyl

Material thickness	Length	Width	Colour	Ref. no.
μ	m	mm		
65	65 66 60	yellow/black	46-20820	
			red/white	46-20821
200	33	50	yellow/black	46-20812
			red/white	46-20813
		75	yellow/black	46-20814
			red/white	46-20815



#### **Marking tapes**

- For short-term and medium-term marking
- Can be cleanly removed
- Optimum application temperature 10 °C
- The application surface must be dry and free of grease and dust
- Can be manually applied or with a tape dispenser
- Material vinyl

Material thickness	Length	Width	Colour	Ref. no.
μ	m	mm		
190	33	50	yellow	46-20800
			white	46-20801
			orange	46-20802
			blue	46-20803
			red	46-20804
	75		green	46-20805
		75	yellow	46-20806
			white	46-20807
			orange	46-20808
			blue	46-20809
			red	46-20810
		green	46-20811	



#### Marking tape dispensers

Description	Ref. no.
for spray line widths between 50 and 75 mm	46-20816





# **Edge and corner buffering**



- Temperature resistant from -40 to +100 °C
- Compliance with fire protection regulation DIN 4102 B2
- Signal colouring in compliance with DIN 4844
- For indoor and outdoor use
- Age-resistant
- Can be cut to required length with a sharp knife

#### i BITO info

Increase warehouse safety by highlighting spots of potential personnel injury or equipment damage.





- Suited for heavy duty applications
- Highly shock absorbing
- For light duty applications
- Suited for areas with automated operations
- Self-adhesive
- Can also be bolted to carrier
- Material polyurethane
- Colour yellow/black



Dimensions	Description	Width / Side length	Material thickness	Ref. no.
mm		mm	mm	
↑ 20 ↓ ↓ 50 ————	Flat shaped profile, supplied in lengths of 1 m	50	20	46-20501
	Flat shaped profile, 5 metre roll	50	20	46-20502
12	Angled profile, supplied in lengths of 1 m	47 x 47	12	46-20503
47 ————	Angled profile, 5 metre roll	47 x 47	12	46-20504



#### **Edge buffering**

- Protects personnel from injury
- Highly shock absorbing
- Ideal for areas with manual operations
- For light duty applications
- Material polyurethane
- Colour yellow/black

Dimensions	Description	Ref. no.
mm		
	supplied in lengths of 1 m, self-adhesive, flat underside	46-20505
35 40	5 metre roll, self-adhesive, flat underside	46-20506
	supplied in lengths of 1 m, self-adhesive, angled underside	46-20507
25	5 metre roll, self-adhesive, angled underside	46-20508
	supplied in lengths of 1 m, push-on fitting, grooved underside	46-20511
*8 + 19	5 metre roll, push-on fitting, grooved underside	46-20512



#### **Corner buffering**

- Angled underside
- Self-adhesive
- Material polyurethane
- Colour black

Description	Ref. no.
bi-directional	46-20509
tri-directional	46-20510



#### **Pipework buffering**

- For pipes, cable ducts and hoses
- Self-adhesive
- Additional fixing with brackets possible
- Material polyurethane
- Colour yellow/black

Dimensions	Description	Suited for tube diameters	Ref. no.
mm		mm	
	supplied in lengths of 1 m	20 - 40	46-20513
30/50		40 - 70	46-20515



# **Traffic and pedestrian control**

Instant use, easy to relocate for temporary access control!

#### Post and chain kits

- 6 posts per kit
- Supplied with 5 plastic chains, each 3 m long
- Increased operational safety
- Manufactured from high grade PVC for excellent wear and tear resistance
- Can also be used separately

Post height	Post weight	Post base dimensions	Description	Ref. no.
mm	kg	mm		
1000	4.5	370 x 75	red with white reflector stripes	46-20765
			yellow with black stripes	46-20764

#### **Accessories**

Description		Descrip- tion	Dimen- sions	Ø Base	Ref. no.	
				mm	mm	
	Chain posts	M36 thread for mounting threaded eye bolts or signs, supplied with eye bolt, Material polypropylene	red with reflector stripes	H 1000	400	46-40171
		material perspropriette	yellow with 2 black stripes	H 1000	400	46-40172



#### Flexi-posts, black with reflective yellow stripes

- Protects equipment, vehicles and staff
- Post bends upon impact and rebounds to original position
- Flexible, yet extremely durable
- Please order fixings separately
- Material polyurethane
- Colour yellow/black

Height	Ø Base	Ø Post	Colour	Ref. no.
mm	mm	mm		
300	200	80	yellow/black	46-40163
450	200	80	yellow/black	46-40162
750	200	80	yellow/black	46-40161
1000	200	80	yellow/black	46-40160



#### **Accessories**

Descripti	ion		Descrip- tion	Ref. no.
	Adapters	M36 thread for mounting threaded eye bolts or signs, Material polypropylene, colour black	for flexi-posts	46-40166
I	Floor anchor set	supplied with 3 floor anchors Ø 18 mm with hex head lag screws	for flexi-posts	46-40164
9	Threaded eye bolts	M36 thread for chain post mounting, ideal for guiding barrier chains, ropes and tapes, Material polypropylene, colour black	for flexi-posts	46-40165

B



#### Accessories for post and chain kits and for flexi-posts

Pos.	Description		Description	Dimensions	Ref. no.
				mm	
A	Plastic chains	nolumranulana salaur vallaur/blask	with 2 chain links	L 3000	46-40175
			without chain links	L 25000	46-40177
		link chain posts to each other, Material	with 2 chain links	L 3000	46-40174
		polypropylene, colour red/white	without chain links	L 25000	46-40176
B	Chain links	allow hook-in fitting of chains/chain links, Material polypropylene, colour black	for plastic chains	-	46-40173
G	Post mounted	connector piece with M36 thread	triangular sign	L 390	46-40180
		round sign	Ø 280	46-40183	
		polypropylene	round sign	Ø 380	46-40182
			rectangular sign	W 350 x H 410	46-40181







#### **Folding floor signs**

- Reflectors provide high visibility in low-light conditions and at night
- Fold-down handle for ease of storage and transportation

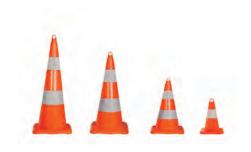
Description	Width	Height	Ref. no.
	mm	mm	
without message space for your message (WxH) 235 x 280 mm	245	620	46-40178
with slippery floor pictogram	245	620	46-40179



#### **Traffic cones**

- Plasticised PVC
- Base design provides excellent stability
- Retro-flective surface reflects light or other radiation back to its source

Description	Height	Ref. no.
	mm	
with 1 reflector stripe	320 mm	46-40167
with 2 reflector stripes	500 mm	46-40168
	750 mm	46-40169
	900 mm	46-40170







## Flexible upright protectors







- Optimum protection for shelving and racking uprights, thereby reducing idle times and costs
- Flexible PVC, resilient, dimensionally stable, material bounces back to original shape
- Impact energy is absorbed at the front and at the sides no damage to floor
- Certified by the German Inspection Association TÜV to validate product
- Available in various dimensions to fit upright types P1 P6







Protection from side impacts

Protection from front impacts

Tool kit for adjusting flexible buffer profiles

#### Flexible upright protectors

- Material plastic
- Colour yellow

Height	Upright type	Ref. no.
mm		
600	P1	46-45600
	P2	46-45601
	P3	46-45602
	P4-P6	46-45603



#### Tool kit for adjusting flexible buffer profiles, to protect racking uprights

- Flexible upright protectors only be mounted with this tool kit (ref. no. 46-45604). Please add this item to your order
- Material plastic

	Ref. no.
Tool kit for adjusting flexible buffer profiles to protect racking uprights	46-45604



#### **BITO** info

Assembly instructions can be downloaded from www.bito.com



# **Impact protection barriers**



#### **Light duty steel barriers**

- Delimit hazard zones from walkways and driveways for general pedestrian use and operational vehicle traffic, suited for light duty applications
- Suited for all purposes
- Curved steel tube construction with additional steel tube at knee height, epoxy-coated with yellow/black signal striping
- Tube Ø 48 mm, material thickness 2 mm, base plate 160 x 70 x 10 mm (L x W x H)
- Solid fixing to ground with floor anchors (requires 4 heavy duty floor anchors 12/100 per light duty steel barrier)
- Material steel
- Colour yellow/black

Dimensions H x L	Ref. no.
mm	
1000 x 1000	46-20600
1000 x 1500	46-20601
1000 x 2000	46-20602
Heavy duty floor anchors, 12/100, 4 floor anchors required per barrier	46-20603

#### Wheel stop barriers

- Protect inventory, shelving and racking, machinery, etc. against impact damage from light duty as well as heavy duty operational vehicles
- Low construction height allows easy staff access to restricted areas
- Thick-walled steel tube with tapered ends, epoxy-coated with yellow/ black signal striping
- Tube Ø 76 mm, material thickness 3 mm, base plate 130 x 70 x 10 mm (L x W x H)
- Solid fixing to ground with floor anchors (requires 4 heavy duty floor anchors 12/100 per wheel stop barrier)
- Material steel
- Colour yellow/black

Dimensions H x L	Colour	Ref. no.	
mm			
86 x 400	yellow/black	46-20604	
86 x 800	yellow/black	46-20605	
86 x 1200	yellow/black	46-20606	
Heavy duty floor anchors, 12/100, 4 floor anchors required per barrier	galvanised	46-20603	

# Heavy duty floor anchors, 12/100, 4 floor anchors required per bar Heavy duty steel barriers

- Prevent collision damage from light duty and heavy duty operational vehicles
- Protect your equipment and facilities, such as switchboards, gates, shelving and racking, machinery
- Curved, heavy duty steel tube, yellow epoxy-coating with black signal striping
- Tube Ø 76 mm, material strength 3 mm, base plate 160 x 140 x 10 mm (L x W x H)
- Solid fixing to ground with floor anchors (requires 8 heavy duty floor anchors 12/100 per heavy duty steel barrier)

Dimensions H x L	Colour	Ref. no.
mm		
350 x 375	yellow	46-20607
350 x 750	yellow/black	46-20608
350 x 1000	yellow/black	46-20609
600 x 750	yellow/black	46-20610
600 x 1000	yellow/black	46-20611
1200 x 750	yellow/black	46-20612
1200 x 1000	yellow/black	46-20613
Heavy duty floor anchors, 12/100, 8 floor anchors required per barrier	galvanised	46-20603







# Impact protection barriers



#### **Corner protection barriers**

- Prevent collision damage from light duty and heavy duty operational vehicles
- Protect your equipment and facilities, such as switchboards, gates, shelving and racking, machinery
- Curved, heavy duty steel tube, yellow epoxy-coating with black signal striping
- Tube Ø 76 mm, material strength 3 mm, base plate 160 x 140 x 10 mm (L x W x H)
- Solid fixing to ground with floor anchors (requires 12 heavy duty floor anchors 12/100 per corner barrier section)

Dimensions H x L / L	Colour	Ref. no.
mm		
350 x 600 / 600	yellow/black	46-20614
600 x 600 / 600	yellow/black	46-20615
1200 x 600 / 600	yellow/black	46-20616
Heavy duty floor anchors, 12/100, 12 floor anchors required per barrier $$	galvanised	46-20603



#### Safety bollards

- Protect inventory, shelving and racking, machinery, etc. by preventing impact damage from light duty and heavy duty service vehicles and lorries
- Extremely strong
- Hot-dip galvanised with additional epoxy-coating in yellow with black signal striping
- Thick-walled steel tube
- Solid fixing to ground with floor anchors (requires 4 heavy duty floor anchors 14/110 per bollard Ø 90 and 159 mm, 4 heavy duty floor anchors 16/140 per bollard Ø 194 and 273 mm)

Height	Diameter	Ref. no.
mm	mm	
1200	90	46-20617
	159	46-20618
	194	46-20620
	273	46-20621
Heavy duty floor anchors, 14/110, for bollards $\emptyset$ 90 and 159 mm, 4 floor anchors required per bollard	14	46-20619
Heavy duty floor anchors, 16/140, for bollards Ø 194 and 273 mm, 4 floor anchors required per bollard	16	41-20622

# BITO

# **Shelving & racking protection**

#### **Upright protectors**

- Provide protection against collision damage and prevent downtimes
- Epoxy-coating in signal yellow, RAL 1003, provides high visibility
- Bolt-on fixing to upright no floor fixing to prevent damage to flooring if upright is hit by a
  vehicle
- Designed to fit BITO pallet racking PRO
- Delivery includes fixing material
- Material steel



Scan this QR code:

# Product video on upright protectors

www.bito.com/ qr-stuetzenschutz-int

Height	Width	Upright type	Ref. no.
mm	mm		
715	80	P1	66-31000
	90	P2	66-31001
	100	P3	66-31002
	120	P4-6	66-31003



#### Column guards

- Compliant with the latest health and safety regulations stipulating that column guards must be fitted at the ends of each racking row
- Epoxy-coated in signal yellow, RAL 1003, yellow/black signal striping according to DIN 4844
- For 2 side and for 3 side protection
- Reliable protection for shelving and racking as well as service vehicles
- Clearly reduces damage to uprights and columns, thereby reducing idle times and costs
- Increased operator safety

Height mm	Description	Features	Upright type	Ref. no.
400	L-shaped for 2-sided protection	supplied with 4 heavy duty floor anchors Ø 12 mm	P1-P12	66-4585
	U-shaped for 3-sided	supplied with 4 chemical floor anchors	P1-P3	66-29123
	protection	M12	P4-P12	66-29125



**→** 

More info on our upright types from page 188



# Fencing kit



#### Fencing kit

- Protect short sides of shelving and racking runs and increase operator safety
- Since this fencing kit includes two column guards, no extra column guards are required to protect the ends of a racking row
- Epoxy-coated in signal yellow, RAL 1003, yellow/black signal striping according to DIN 4844
- Galvanised steel sheet plank
- Delivery includes fixing material and heavy duty floor anchors
- Compliant with the latest health and safety regulations
- Clearly reduces damage to uprights and columns, thereby reducing idle times and costs
- Add a second steel plank for increased safety

	Fencing kit	Additional fencing planks
Dimensions L x D x H	Ref. no.	Ref. no.
mm		
1200 x 270 x 400	66-40937	66-40933
2500 x 270 x 400	66-40936	66-40932



#### In-line posts for fencing rows

- The in-line post and additional fencing planks allow to extend barrier length as required
- Helps to set up longer fencing rows
- Protect your warehouse and operating equipment from damage with this sturdy barrier system
- Supplied with heavy duty floor anchors

Dimensions L x D x H	Ref. no.
mm	
250 x 201 x 400	66-40924





# **Security mirrors**

Perfect overview

■ Minimises security hazards and increases traffic safety on your site



#### Surveillance mirrors

- For internal use
- Ideal for safeguarding production and storage environments
- Slight convex shape provides a clear view of a larger area
- In shatterproof acrylic (70% more shock resistant than glass)
- Supplied with telescopic wall fixing bracket
- Material acrylic

Diameter	Viewing distance	Ref. no.
mm	m	
300	1-4	46-39492
400	1-5	46-39493
500	5-7	46-39494
600	9-15	46-39495
700	12-17	46-39496
800	15-22	46-39497



#### **Security mirrors**

- Frame with yellow/black marking
- Yellow/black signal striping ensures increased level of attention, in compliance with the latest safety regulations for hazard areas in factories and warehouses
- Improved view of out-of-the-way workplaces, elimination of dead angles
- Helps to immediately discover accidents or production breakdowns
- Acrylic, brilliant vision, supplied with fixtures for wall mounting
- Material acrylic

Dimensions W x H	Viewing distance	Ref. no.
mm	m	
300 x 500	5-7	46-39485
400 x 600	7-9	46-39486
600 x 900	18-25	46-39487
Fixing bracket for mirrors suited for tubes Ø 50-80 mm		46-39488

#### **Hemispherical mirrors 360°**

- For internal use
- Worthwhile investment into safety at work
- All-round visibility to secure trafficways, particularly at intersections of racking aisles
- Low proper weight, long service life
- Manufactured from lightweight and shockproof acrylic (70% more shock resistant than glass)
- Can be attached directly to the wall/ceiling or chain-fixed to ceiling (chain kit available seperately)
- Material acrylic

Diameter	Viewing distance	Ref. no.
mm	m	
600	6	46-39480
800	10	46-39481
1000	30	46-39482
1250	40	46-39483
Chain kit for hemispherical mirrors 4 chains, each 1000 mm long		46-39484







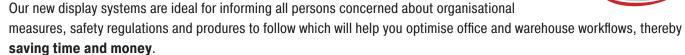




# **Display systems**

# Visual management

Improve communication efficiency!



A lot of management strategies such as Lean Management, Kaizen, 5S or 7M use colour display systems for providing quick and easy access to information. Even complex processes and difficult instructions can be presented in an easy-to-understand way. Our **display systems** can be used for a wide range of applications:





Display of notices, instructions and regulations.

# **Self-adhesive document** holders "Security"



Signal colouring in compliance with DIN ISO 3864-4 to ensure high visibility of emergency exits, prohibitive signs and warning signs.

#### **Display systems**



For fire prevention instructions (red), machine operating instructions (blue) and substance hazard notices (orange).







- Fully adhesive back provides durable fitting
- Magnetised closure is ideal for applications where frequent changes are required
- Holders have a high visibility colour frame in compliance with DIN 3864-4 on both sides and are therefore ideal for displaying info on glass doors
- Quick and easy access to information
- For horizontal or vertical display

Format	Colour	Pcs/ pack	Ref. no.
DIN A4	black	2	46-44462
	red	2	46-44463
	blue	2	46-44464
	orange	2	46-44465
	silver	2	46-44466
	black	10	46-44467
	red	10	46-44468
	blue	10	46-44469
	orange	10	46-44470
	silver	10	46-44471



#### Self-adhesive document holders "Security", magnetic pullforward front, two colour frame

- Fully adhesive back provides durable fitting
- Magnetised closure is ideal for applications where frequent changes are required
- Holders have a high visibility colour frame in compliance with DIN 3864-4 on both sides and are therefore ideal for displaying info on glass doors
- Quick and easy access to information
- For horizontal or vertical display

Format	Colour	Pcs/ pack	Ref. no.
DIN A4	yellow/black	2	46-44472
	white/green	2	46-44473
	white/red	2	46-44474
	yellow/black	10	46-44475
	white/green	10	46-44476
	white/red	10	46-44477



#### Magnetic document holders, with magnetic backing

- One-colour frame, magnetised on all 4 sides
- Protects documents from dirt, dust and creases
- Ideal for use on whiteboards, planning boards or fix directly to racking and machinery
- Quick and easy access to information
- For horizontal or vertical display

Format	Colour	Pcs/ pack	Ref. no.
DIN A4	black	5	46-44478
	red	5	46-44479
	blue	5	46-44480
	orange	5	46-44481
	silver	5	46-44482







# **Display systems**







- Two-colour frame, magnetised on all 4 sides
- Holders have a high visibility colour frame in compliance with DIN 3864-4
- Protects documents from dirt, dust and creases
- Ideal for use on whiteboards, planning boards or fix directly to racking and machinery
- Quick and easy access to information
- For horizontal or vertical display



Format	Colour	Pcs/ pack	Ref. no.
DIN A4	yellow/black	5	46-44483
	white/green	5	46-44484
	white/red	5	46-44485

#### Display systems, with 1-colour frame, wall-mounted

- Panel support from epoxy-coated metal
- 5 pockets (same colour) from flexible PP
- Capacity can be extended by adding extra units
- Kit complete with assembly instructions and fixing material



Format	Colour	Pcs/ pack	Ref. no.
DIN A4	red	Set	46-44450
	dark blue	Set	46-44451
	orange	Set	46-44452

#### Display systems, with frame in different colours, wall-mounted

- Panel support from epoxy-coated metal
- 10 pockets (assorted colours) from flexible PP
- Capacity can be extended by adding extra units
- Kit complete with assembly instructions and fixing material
- Ideal for displaying information related to diverse topics



Format	Delivery includes	Pcs/ pack	Ref. no.
DIN A4	2 pieces of each colour: black, red, yellow, green and dark blue	Set	46-44453

#### Display systems, with 1-colour frame and magnetic backing

- Panel support from epoxy-coated metal
- 5 pockets (same colour) from flexible PP
- Capacity can be extended by adding extra units
- Magnetic fixing to metallic surfaces such as shelving and racking, steel posts etc.

Format	Colour	Pcs/ pack	Ref. no.
DIN A4	black	Set	46-44454

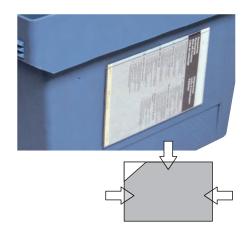


# **Document pockets**

#### Self-adhesive, 3 sides open

- Ideal for frequent exchange of inserts
- Adhesive fabric backing provides strong adhesion
- Colour transparent

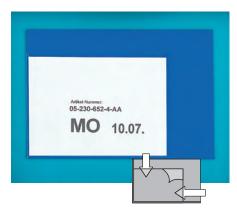
Dimensions L x W	Format	Pcs/ pack	Ref. no.
mm 175 x 105		10	6-5031
210 x 74		10	6-31311
210 x 148	DIN A5	10	6-19528



#### Self-adhesive, 2 sides open

- Slightly shorter ticket holder front allows to easily insert and remove cards
- Material vinyl
- Colour blue

Dimensions L x W	Pcs/ pack	Ref. no.
mm		
145 x 100	25	46-21108



#### Self-adhesive, 1 side open

- Document pocket with two self-adhesive strips
- Also suited for marking shelving and racking
- Durable application to all types of storage and transport bins and containers
- Material vinyl
- Colour blue

Dimensions L x W	Format	Pcs/ pack	Ref. no.
mm			
155 x 85		25	46-21109
235 x 170	DIN A5	25	46-21110





#### With U-type bridge, right side open

- Robust backing with folded U-type bridge (bridge width 25 mm)
- Easy and reliable fixing to all types of storage and transport containers
- Material vinyl
- Colour blue

Dimensions L x W	Format	Pcs/ pack	Ref. no.
mm			
165 x 115	DIN A6	25	46-21105
235 x 170	DIN A5	25	46-21106
305 x 230	DIN A4	25	46-21107

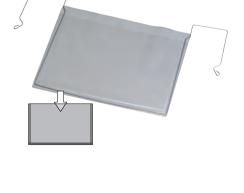


# **Document pockets**



- Easy to fix to wire-mesh pallet boxes, collars, plastic containers, cartons, etc.
- Earpieces laminated into pocket sides
- Optimum protection for documents/marking
- Material PVC
- Colour transparent

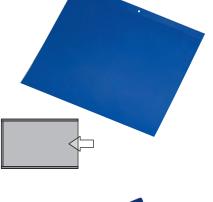
Dimensions L x W	Format	Description	Pcs/pack	Ref. no.
mm				
195 x 140	DIN A6 landscape	without top fold	25	46-40304
235 x 170	DIN A5 landscape	without top fold	25	46-21104
275 x 185	DIN A5 landscape	with top fold to keep off rain	25	46-40307
275 x 340	DIN A4 portrait	without top fold	25	46-40303
	DIN A4 portrait	with top fold to keep off rain	25	46-40305
305 x 205	DIN A4 landscape	without top fold	25	46-21111
325 x 235	DIN A4 landscape	with top fold to keep off rain	25	46-40306



#### With magnetic backing, 1 side open

- Fixes immediately on any steel surface such as on beams, storage and transport containers or directly on stored goods
- Material vinyl
- Colour blue

Dimensions L x W	Format	Pcs/pack	Ref. no.
mm			
160 x 115	DIN A6	25	46-21100
235 x 170	DIN A5	25	46-21101
305 x 230	DIN A4	25	46-21102



#### i BITO info

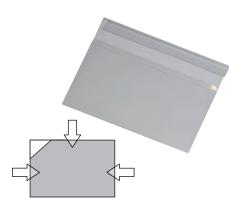
More options in our webshop at shop.bito.com



#### With fixing flaps, open at top

- Insert flaps into pocket slashes, self-locking
- Very easy to fix and to remove
- Material vinyl
- Colour blue

Dimensions L x W	Format	Pcs/pack	Ref. no.
mm			
235 x 170	DIN A5	25	46-21103



#### With U-type bridge, 3 sides open

- Robust backing with folded U-type bridge (bridge width 25 mm)
- Easy and reliable fixing to all types of storage and transport containers
- Made from PVC
- Colour: transparent

Dimensions L x W	Height of fold at top	Pcs/pack	Ref. no.
mm	mm		
105 x 78	16	25	46-40308
210 x 85	18	25	46-40309



#### Pallet foot sleeves, blue

- Instant load identification, quick removal and relocation
- With 4 label or barcode holders
- Made from PVC

Width	Height	Pcs/ pack	Ref. no.
mm	mm		
145	75	25	46-40310



#### Pallet foot sleeves, transparent

- Instant load identification, quick removal and relocation
- Seamless, rigid PVC sides provide excellent durability for frequent re-use
- With 1 label/barcode holder
- Made from PVCColour: transparent

-	Width	Height	Pcs/ pack	Ref. no.
	mm	mm		
_	145	75	25	46-40311



#### **Magnetic document pockets**

- Neodymium magnets with an outstanding adhesive force keep pockets fixed to metal storage and transport containers, excellent for rough handling (outside use or during transport)
- Top side open
- Made from PVC

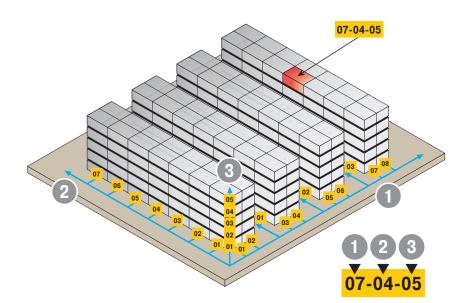
Dimensions L x W	Format	Height of fold at top	Pcs/ pack	Ref. no.
mm		mm		
160 x 125	DIN A6 landscape	40	25	46-40312
235 x 180	DIN A5 landscape	40	25	46-40313
325 x 245	DIN A4 landscape	40	25	46-40314
240 x 350	DIN A4 portrait	40	25	46-40315





# Stock identification

- Please state reference number, quantities and requested marking for stock labels and tiles at time of order
- Barcodes and/or positioning marks etc. upon request
- Black characters
- Character size is adapted to label height



#### i BITO info

# ... how to give your products a clear stock address

Investing into a **stock location system** is relatively inexpensive and very rewarding from the organisational point of view as it helps you avoid unnecessary detours and cost intensive searching for a product. Systematic numbering of storage locations is the first step towards organising your warehouse. For this purpose, each storage location is defined by its racking row, bay number and storage level. These three coordinates provide a clear stock address and are the basis for manual and computerized warehouse management systems (see example).

In our example, the stock tile shows that a product is located in:

racking row = 07, bay = 04, level = 05



#### Stock labels

- Self-adhesive polyethylene foil
- Material polyurethane

Dimensions L x W	Colour	Ref. no.
mm		
120 x 30	yellow	46-20850
	white	46-20851
140 x 38	yellow	46-20852
	white	46-20853
220 x 58	yellow	46-20854
	white	46-20855



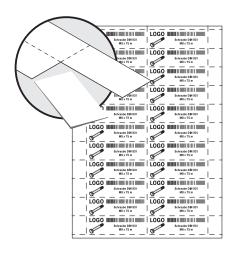
#### Stock identification

- Printed with 1 or 2 characters (numbers or letters)
- Material polystyrene

Dimensions L x W	Colour	Ref. no.
mm		
200 x 200	yellow	46-20856
	white	46-20857
300 x 300	yellow	46-20858
	white	46-20859
500 x 500	yellow	46-20860
	white	46-20861



# Labels





#### **Printable label sheets**

- Pre-perforated blank label sheets, ready for direct printing
- Suited for laser and inkjet printers
- On white DIN A4 sheets, 140 g/m<sup>2</sup>
- 25 sheets per pack
- Colour white

Suits		Dimensions W x H per label	Labels per pack	Ref. no.
		mm		
European size stacking containers XL	Euro stacking containers XL from size 400 x 300 mm	210 x 74	100	46-20778
Small parts containers KLT	Small parts containers KLT from size 400 x 300 mm	210 x 74	100	46-20778
Storage bins SK	SK1095	68,5 x 12,5	1600	46-20773
	SK1610	70,5 x 20	1000	46-20774
	SK2311, SK3521, SK3522	98 x 36	400	46-20775
	SK5031, SK5032/R	178 x 40	175	46-20776
	SK5031, SK5032/R	178 x 40	175	46-20776
	SK5033	178 x 56	125	46-20777
Storage and handling bins RK	RK*108	89 x 30	450	46-20767
	RK*109	84 x 39	375	46-20768
	RK*1509	115 x 39	250	46-20769
	RK*208	194 x 30	225	46-20770
	RK*209	192 x 39	175	46-20771
	RK*214	192 x 60	100	46-20772
Cross dividers	QT108, QT109	80 x 22	675	46-20766
	QT1509, QT208, QT209, QT214	98 x 36	400	46-20775
Self-adhesive ticket holders	BLD26*	85 x 26	550	46-20779
	BLD39*	84 x 39	375	46-20768
	BLD39*	115 x 39	250	46-20769
	BLD60*	192 x 60	100	46-20772



# Labels



#### Magnetic pre-cut labels

- Fast marking with a felt marker, fixed in seconds
- Permanently magnetised
- Ideal for steel shelving and racking
- For durable and permanent marking, easy to remove for re-use
- Material magnetised foil
- Colour white

Length	Width	Pcs/ pack	Ref. no.
mm	mm		
80	25	50	46-10260
100	30	50	46-10261
150	50	50	46-10262



#### Magnetic labels on rolls

- 5-metre rolls, lengths to be cut on site as required
- Material magnetised foil
- Colour white

Length	Width	Pcs/ pack	Ref. no.
mm	mm		
5000	25	1	46-10263
	30	1	46-10264
	50	1	46-10265
	80	1	46-10266



# **Display systems**



#### For landscape and portrait documents

- Flexible envelope allows easy insertion and removal of documents
- Anti-glare surface ensures easy readability
- Framed in red, yellow or green to attract attention

Format	Dimensions L x W	Description	Colour	Pcs/ pack	Ref. no.
	mm				
DIN A5	235 x 180	3 strong adhesive	red	25	46-40325
		foam strips provide	yellow	25	46-40326
		excellent adhesion	green	25	46-40327
		3 strong magnetic strips provide excel- lent adhesion	red	25	46-40328
			yellow	25	46-40329
			green	25	46-40330
DIN A4	325 x 240	3 strong adhesive	red	25	46-40331
		foam strips provide excellent adhesion	yellow	25	46-40332
			green	25	46-40333
		3 strong magnetic	red	25	46-40334
		strips provide excel- lent adhesion	yellow	25	46-40335
			green	25	46-40336



# **Label holders**



Pre-perforated print-on labels for your own printer on page 281

#### Self-adhesive ticket holders

- Scanner readable
- Supplied with label cards
- Material rigid PVC
- Colour transparent

Overall height	Carton height	Length	Pcs/ pack	Ref. no.
mm		mm		
28	26	85	50	46-18115
		200	50	46-16508
		950	10	46-16509
		1200	10	46-16510
		1290	10	46-16511
		1735	10	46-16512
41	39	200	50	46-16514
		1290	10	46-16515
		1735	10	46-16516
62	60	200	50	46-16518



M coronel

#### **Magnetic label pouches**

- Ideal for frequent label replacement
- Two open sides allow convenient label positioning, front cover closes firmly on label
- Scanner-readable
- Delivery does not includes labels
- Material vinyl
- Colour yellow

Dimensions L x W	Pcs/ pack	Ref. no.
mm		
97 x 25	100	46-10272
97 x 30	100	46-10273
97 x 58	100	46-10274
120 x 40	100	46-10275
137 x 58	100	46-36040

#### **Magnetic label holders**

- Immediate stock identification, label holders can be relocated together with your stock
- Full surface magnetised backing for immediate product marking
- Will also stick to message and planner boards
- Labels complete with label card and transparent cover strip
- Material C-profiles with magnetised reverse side
- Colour black

Length	Width	Pcs/ pack	Ref. no.
mm	mm		
100	20	100	46-10267
	25	100	46-10268
	30	100	46-10269
	40	100	46-10270
	50	100	46-10271







# Improve your workflow with BITO!





In order to make in-house transport as efficient as possible, BITO has selected a product range that is perfectly tuned to storage and order picking needs.

All our products have been selected for their excellent workmanship and superior quality.

We are proud to present our functional, easy to handle and field-tested range of hand pallet trucks, order picking trolleys, sack trucks and shelf trolleys.

We are sure you will find the products that perfectly fit your needs!

# In-house transport



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More info about

**LEO** Locative

or on our website www.leo-locative.com

LEO Loca

# LEO Locative — the driverless

Designed for containers and cartons sized 600 x 400 mm with a weight of up to 20 kg.



## Plug & work

LEO gets ready for operation without human intervention

# Save time and money

no need for either WiFi infrastructure or a central computer

# Fast return on investment — often within less than a year!



# In-house transport

## **LEO Locative**







#### **LEO Locative Vehicles**

Delivery includes 1 LEO locative vehicle and 1 battery (without charger, code or tape markers).

Туре	Ref. no.
LEO Locative Vehicles	80-45750

#### LEO Starter package "Transporter"

- Starter package containing everything you need to put LEO on track
- This starter kit includes:
- 1 LEO Locative vehicle incl. battery
- 1 accessory kit #1: 1 battery-operated charger, 1 code marker & lane marking tape set #1: 1 lane marking tape "Flex" each in red, green and blue (130 m) and 1 lane marking tape "Robust" (25 m) in blue / 65 code markers for operations without transfer stations / 1 service cable for software updates / 1 converter package (international power adapter) / 1 tracking template - helps to maintain required distances and radii of a track

Туре	Ref. no.
LEO Starter package "Transporter"	

#### LEO Starter package "Pick-up & drop-off stations"

- Starter package with a pick-up and a drop-off station
- Can be used immediately following installation, a transfer station can be added
- This starter kit includes:
- 1 LEO Locative vehicle incl. battery
- 1 drop-off station
- 1 pick-up station
- 1 accessory kit #2: 1 battery-operated charger, 1 code marker & lane marking tape set #2: 1 lane marking tape "Flex" each in red, green and blue (260 m) and 1 lane marking tape "Robust" (25 m) in blue / 112 code markers for operations without transfer stations / 1 service cable for software updates / 1 converter package (international power adapter) / 1 tracking template helps to maintain required distances and radii of a track

Description	Ref. no.	
drop-off on right side / pick-up on right side		
drop-off on left side / pick-up on left side	80-45807	
drop-off on left side / pick-up on right side		
drop-off on right side / pick-up on left side		



## In-house transport



## LEO Starter package "Twin stations"

- Starter package with 2 twin stations
- Can be used immediately following installation, a transfer station can be added
- This starter kit includes:
- 1 LEO Locative vehicle incl. battery
- 2 twin stations
- 1 accessory kit #2: 1 battery-operated charger, 1 code marker & lane marking tape set #2: 1 lane marking tape "Flex" each in red, green and blue (260 m) and 1 lane marking tape "Robust" (25 m) in blue / 112 code markers for operations without transfer stations / 1 service cable for software updates / 1 converter package (international power adapter) / 1 tracking template - helps to maintain required distances and radii of a track

Description	Ref. no.
left-hand side	80-45808
Mix	80-45809
right-hand side	80-45804

#### **LEO Locative Drop-off stations**

- LEO delivers bins en route
- Incoming bins must not be picked up immediately
- Roller lanes can be added for more buffer space
- These drop-off stations have been designed to accept loads on the left-hand side (in driving
- Delivery includes 230V mains plug and floor fixing material

Description	Direction of travel	Ref. no.
left-hand side, supplied assembled	Turn left	80-45779
right-hand side, supplied assembled	Turn right	80-45778

## **LEO Locative Pick-up stations**

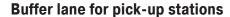
- LEO picks up bins en route
- Operators do not have to wait until a LEO vehicle arrives for putting a bin on track
- Pick-up stations have been designed to provide loads to LEO vehicles (in driving direction).
- Delivery includes 230V mains plug and floor fixing material

Description	Direction of travel	Ref. no.
left-hand side, supplied assembled	Turn left	80-45781
right-hand side, supplied assembled	Turn right	80-45780





## **LEO Locative**



■ Buffer lane providing sufficient space 3 or 6 additional bins (600 x 400 mm) to be picked up by LEO one by one.

Total length approx.	otal length approx. Description	
mm		
1200	This buffer lane can accommodate 3 additional bins (600 x 400 mm).	80-45788
2400	This buffer lane can accommodate 6 additional bins (600 x 400 mm).	80-45789



## **Buffer lane for drop-off stations**

■ Buffer lanes providing sufficient space for 3 or 6 additional bins (600 x 400 mm).

Total length approx.	Description	Ref. no.	
mm			
1200	This buffer lane provides sufficient space for 3 additional bins (600 x 400 mm).	80-45790	
2400	This buffer lane provides sufficient space for 6 additional bins (600 x 400 mm).	80-45791	

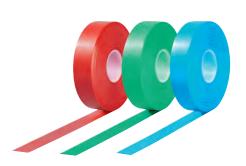


## **LEO Locative Marker sets**

Description	Ref. no.
marker package #1 contains 65 markers for operations without transfer stations	80-48743
marker package #2 contains 112 markers for operations with transfer stations	80-48744



## **LEO Locative Lane marking tapes**



Туре	Description	Colour	Ref. no.
Lane marking tape	8 x 33 m lane marking tape "Flex", easy to	red	80-45772
"flex"	apply and to remove, for light-duty applications	green	80-45773
		blue	80-45774
Lane marking tape	"robust" track tapes are intended for light	red	80-45775
"robust"	and medium weight applications in regular-use areas.	green	80-45776
		blue	80-45777

## In-house transport

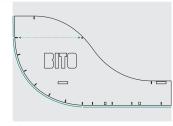
# BITO

## **Accessories**





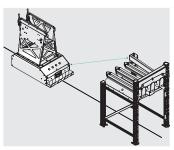


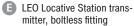


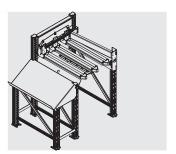
C LEO Locative 24V mains plug

D LEO Locative Track planning template

## Accessories







Sort & pick tables

Pos.	Description	Description			
A	LEO Locative Batteries 24V	The LEO Locative battery can be removed and recharged for shift work and can also be connected to the transfer stations to supply power., The battery can also be connected to the transfer stations to supply power.	80-45751		
B	LEO Locative Chargers	additional charger - ideal for operations working with several LEO vehicles, the charger can be used for direct battery charging or can be connected to the external loading access of the LEO vehicle.	80-45752		
C	LEO Locative 24V mains plug	connects LEO stations to power supply	80-48747		
D	LEO Locative Track planning template	for easier tape laying	80-48742		
<b>(3</b>	LEO Locative Station trans- mitter, boltless fitting	required for converting 1 twin station into 2 individual stations	80-48740		
G	Sort & pick tables	allows to pick items from bins directly at a transfer station, pick & sort tables can be positioned at transfer stations to allow order pickers to perform manual handling tasks without interrupting the LEO workflow, delivery includes floor fixing material, increases buffer space for 1 additional bin	80-45787		
G	LEO Locative Connector set "Twin stations"	This set is required to join a pick-up station with a drop-off station to make a twin station.	80-48741		

## Folding sack trucks



- Aluminium/steel construction with aluminium toe plate and high grade PVC fittings
- Elasticated retaining straps and cross strut for safe transport
- Toe plate and wheels fold away with one move, telescopic grip, ready to use within seconds

## **Polymer tyres**

Ball bearing castors with trackless polymer tyres

Load ca- pacity	Height	Toe plate dim. L x W	Total width	Dimensions H x W x D folded	Castor Ø	Proper weight	Ref. no.
kg	mm	mm	mm	mm	mm	kg	
50	1030	300 x 385	390	595 x 390 x 50	127 x 30	3.20	22-21304
125	1090	320 x 480	488	765 x 488 x 64	170 x 35	5.20	22-21305

## **Pneumatic tyres**

Ball bearing castors with pneumatic tyres

Load ca- pacity	Height	Toe plate dim. L x W	Total width	Dimensions H x W x D folded	Castor Ø	Proper weight	Ref. no.
kg	mm	mm	mm	mm	mm	kg	
250	1190	450 x 595	660	855 x 660 x 135	220 x 70	12.60	22-21306

## **Tyre trucks**



- Pneumatic tyres 260 x 85 mm / solid rubber tyres 250 x 60 mm
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007

### Tyre trucks

- Designed to take up to 8 tyres
- Handles with integral brace grippers for convenient tyre handling

Load capacity	Height	Total width	Toe plate dim. L x W	Wheeling	Ref. no.
kg	mm	mm	mm		
200	1500	650	360 x 580	bandage pneumatique	22-21345
200	1520	650	360 x 580	solid rubber	22-43621

## **Sack trucks**

## load capacity 200 kg

- Pneumatic tyres 260 x 85 mm / solid rubber tyres 250 x 60 mm
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007





Load capacity	Height	Total width	Toe plate dim. L x W	Tyre material	Ref. no.
kg	mm	mm	mm		
200	1110	570	250 x 320	solid rubber	22-43525
200	1110	570	250 x 320	pneumatic tyres	22-21203



Load capacity	Height	Total width	Toe plate dim. L x W	Tyre material	Ref. no.
kg	mm	mm	mm		
250	1135	590	150 x 400	solid rubber	22-43518
250	1135	590	150 x 400	pneumatic tyres	22-21204

## Load capacity 300 kg

Load capacity	Height	Total width	Toe plate dim. L x W	Tyre material	Ref. no.
kg	mm	mm	mm		
300	1300	580	250 x 320	solid rubber	22-43534
300	1300	580	250 x 320	pneumatic tyres	22-13695

## Board/panel trucks, standard version

Designed for moving large-sized sheet materials from wood or plastic, with additional support castors

Load capacity	Height	Total width	Toe plate dim. L x W	Tyre material	Ref. no.
kg	mm	mm	mm		
400	1380	680	500 x 200	solid rubber	22-43364
350	1380	680	500 x 200	pneumatic tyres	22-21205





# BITO

## **Hand pallet trucks**

Ideal for lifting, moving and positioning heavy or awkward loads

Designed for in-house transport of palletised loads

#### i BITO info

Wheel materials and features

Nylon: for smooth floor surfaces, high resistance to chemicals, very low rolling friction

Solid rubber: for smooth and rough floor surfaces, quiet in use

Polyurethane: kind to floors, abrasion-resistant and non-marking, resilient, quiet in use

## Hand pallet trucks

- Suited for the professional handling of palletised loads and mesh box pallets in demanding environments
- Turning angle 2 x 105°, tandem load rollers, stair climber rollers at fork tips
- Load capacity 2500 kg!

Load capacity	Width over forks	Fork dim. L x W	Load roller material	Swivel castor material	Ref. no.
kg	mm	mm			
2500	530	1150 x 160	nylon	nylon	22-21227
			polyurethane	solid rubber	22-21229
			polyurethane	polyurethane	22-21230



## Hand pallet trucks, with short forks

- Suited for the professional handling of standard size palletised loads and mesh box pallets in demanding environments
- Easy to manoeuvre, with a rotation angle of the steering shaft of 2 x 105° the pallet truck is ideal for confined spaces
- Load capacity 2500 kg!

Load capacity	Width over forks	Fork dim. L x W	Load roller material	Swivel castor material	Ref. no.
kg	mm	mm			
2500	540	600 x 160	nylon	solid rubber	22-39602
		800 x 160	polyurethane	solid rubber	22-39603
		900 x 160	polyurethane	solid rubber	22-39604



### Hand pallet trucks, with long forks

- Suited for the professional handling of long palletised loads and mesh box pallets in demanding environments
- Easy to manoeuvre, with a rotation angle of the steering shaft of 2 x 105° the pallet truck is ideal for confined spaces
- Tandem load rollers

Load capacity	Width over forks	Fork dim. L x W	Load roller material	Swivel castor material	Ref. no.
kg	mm	mm			
2000	540	1500 x 160	polyurethane	solid rubber	22-39605
		1800 x 160	polyurethane	solid rubber	22-39606
		2000 x 160	polyurethane	solid rubber	22-39607
		2500 x 170	polyurethane	polyurethane	22-39608

## BIT

## Hand pallet trucks, with speed control and parking brake

- Suited for the professional handling of palletised loads and mesh box pallets on loading ramps, ascending slopes and in lorries
- Very good vehicle stability on sloping floors
- Easy to manoeuvre, with a rotation angle of the steering shaft of 2 x 105° the pallet truck is ideal for confined spaces
- Tandem load rollers
- Load capacity 2500 kg!

Load capacity	Width over forks	Fork dim. L x W	Load roller material	Swivel castor material	Ref. no.
kg	mm	mm			
2500	540	1150 x 160	polyurethane	solid rubber	22-39609

## Hand pallet trucks, with digital scales, 5kg-scaling

- Ideal for transporting and weighing palletised loads and mesh box pallets, scales suited for simple weighing tasks and approximate calculation of overall weights
- High readability LCD display
- Weight is displayed 5 kg increments
- Weighing range 0 2000 kg
- Weighing accuracy 0 500 kg  $\pm$  10 kg, 500 1.000 kg  $\pm$  20 kg, 1.000 2.000 kg  $\pm$  30 kg
- Battery operated (2 x 1.5 volt AA batteries)

Load capacity	Width over forks	Fork dim. L x W	Load roller material	Swivel castor material	Ref. no.
kg	mm	mm			
2000	540	1150 x 160	polyurethane	polyurethane	22-39610



## Hand pallet trucks, with digital scales, 1kg-scaling

- Ideal for transporting and weighing palletised loads and mesh box pallets, scales suited for simple weighing tasks and approximate calculation of overall weights
- High readability LCD display
- Weight is displayed 1 kg increments
- Weighing range 0 2000 kg
- Weighing accuracy ± 0,25%
- Battery operated (4 x 1.5 volt AA batteries)

Load capacity	Width over forks	Fork dim. L x W	Load roller material	Swivel castor material	Ref. no.
kg	mm	mm			
2000	570	1150 x 180	polyurethane	polyurethane	22-21231

## Hand pallet truck with scissor lift, with hydraulic manual release

- Designed to combine the functions of a hand pallet truck with a lift table for use with palletised loads, allow adjustment to optimum work height in production environments, at assembly stations and in dispatch services
- Steering wheels and load rollers from polyurethane
- Solid steel scissor legs ensure stability when elevated
- Three-position control handle for accelerated lifting speed, standard lifting speed and lowering
- Speed lift function for loads of up to 250 kg
- Safety valve provides overload protection

Load capacity	Width over forks	Lift height	Fork dim. L x W	Overall dim. L x W x H	Ref. no.
kg	mm	mm	mm	mm	
1000	540	800	1150 x 160	1650 x 540 x 1235	22-39611



## **Hand pallet trucks**





- Ideal for occasional use, convenient stacking and moving palletised loads in in-house environments
- Steering wheels and load rollers from nylon
- Brake fitted to one steering wheel allows safe loading and unloading
- C-profiled mast with maintenance free, ball bearing cable and guide rollers for smooth operation
  of hand-crank winch
- Cable winch for precise height adjustment of forks
- Push handle for easy (re-)location

Load capacity	Width over forks	Lift height	Fork dim. L x W	Overall dim. L x W x H	Ref. no.
kg	mm	mm	mm	mm	
300	580	1500	600 x 160	1020 x 710 x 1840	22-39612
500	580	1500	900 x 160	1320 x 710 x 1840	22-39613



## **Hydraulic stackers**

- Designed for general lifting tasks and occasional inhouse transport of goods, for shelving & racking replenishment as well as lorry loading and unloading
- Steering wheels and load rollers from polyurethane
- Optimised wheel spacing provides high tilting stability
- 2 lifting speeds allow to lift loads of up to 100 kg in a much shorter time
- Castors with hardened steel centres for a long service life
- Pressure-relief valve provides overload protection

Load capacity	Width over forks	Lift height	Fork dim. L x W	Overall dim. L x W x H	Ref. no.
kg	mm	mm	mm	mm	
500	200/770	1600	1150 x 100	1650 x 800 x 2000	22-39614
1000	570	900	1122 x 60	1675 x 765 x 1300	22-21232
		1600	1122 x 60	1675 x 765 x 1965	22-21233



## Scissor lift table, mobile version

- Designed for in-house lifting, moving and positioning loads wherever required
- Tyres from polyurethane
- Brake fitted to one steering wheel allows safe loading and unloading
- Heavy duty construction with hard chrome plunger rod and overload protection
- Push handle for easy and ergonomic (re-)location
- Foot lever operated hydraulic lifting

Load capacity			Overall dim. L x W x H	Ref. no.
kg	mm	mm	mm	
150	720	700 x 450	908 x 450 x 960	22-39615
300	880	850 x 500	1093 x 500 x 984	22-39616
500	880	850 x 500	1093 x 500 x 984	22-39617
750	1000	1000 x 510	1330 x 600 x 990	22-39618

## **TOTALSTOP** central locking system

Innovative, convenient, ergonmically designed and safe!

- This new braking system can be operated with a simple push on the foot pedal
- The centrally fitted brake pedal is visible at first sight and can be accessed no matter how the wheels are positioned
- Rubber wheel lock works perfectly on all standard tyre materials
- All products bearing the TOTALSTOP logo can be supplied with this new braking system at an
- Please state reference number of requested wheel diameter together with your trolley/truck

Suited for a platform width of	Ref. no.
500 mm	22-39594
600 mm	22-39595
700 mm	22-39596
800 mm	22-39597





## Distribution trolleys now supplied with TPE tyres as standard

Easy and smooth transport

- All transport trolleys that have been supplied with solid rubber tyres are now supplied with TPE tyres as a standard feature at no extra charge.
- Tyres with TPE tread from thermoplastic elastomer have a lot of advantages on smooth floors
- Convenient, safe and quiet transport of loads, even heavy loads can be moved without effort
- Non-marking, dark coloured tread
- Compliant with the latest legislative requirements of the EU regulation 1272/2014 defining limit values for polycyclic aromatic hydrocarbons (PAH)
- Maintenance-free, deep groove ball bearing with both sides sealed
- Thread guard prevents loose threads from being wound around the axle



## **Swivel castor kit complete with 4 castors**

A smart move!

- Instead of 2 swivel and 2 fixed castors (swivel castors with brake) the product is supplied with 4 swivel castors (2 braked)
- Maximum manoeuvrability into all directions

Description	Ref. no.
Swivel castor kit complete with 4 castors	22-39601













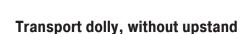
## **Transport dolly**

## plywood platform





You will find this option on page 297



■ With 4 swivel castors (2 with brake), TPE tyres, low friction deep groove ball bearings

Angled steel framework, powder coated in brilliant blue, RAL 5007

Deck from beech wood laminate

Load capacity	Deck dim. L x W	Castor Ø	Ref. no.	
kg	mm	mm		
250	610 x 410	125	22-21200	





## Platform trucks with tubular handle, with raised edges on all sides

- With 4 swivel castors (2 with brake), TPE tyres, low friction deep groove ball bearings
- Beech laminate deck with 10 mm upstand all round

Load capacity	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	
250	610 x 410	125	22-21277



## Transport dolly, with raised edges on all sides

- With 4 swivel castors (2 with brake), TPE tyres, low friction deep groove ball bearings
- Beech laminate deck with 10 mm upstand all round

Load capacity	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	
250	610 x 410	125	22-21276



## General purpose trolleys, with raised edges on all sides

- With 4 swivel castors (2 with brake), TPE tyres, low friction deep groove ball bearings
- Decks from beech wood laminate with 10 mm upstand all round

Load capacity	Deck dim. L x W	Castor Ø	Description	Ref. no.
kg	mm	mm		
250	610 x 410 125 without push bar		without push bar	22-21278
			with push bar	22-21279

## **Swan neck trolleys**



Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings



## Open-decked

- Designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm
- Angled steel framework, powder coated in brilliant blue, RAL 5007

Load ca- pacity	Overall dim. L x W x H	Overall height	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
250	900 x 420 x 209	850	610 x 410	125	22-21280



## With veneered particle deck, 1 level

- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Deck from beech wood laminate

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
250	600 x 500 x 195	600 x 500	125	22-14003



## With veneered particle deck, 2 levels

- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Decks from beech wood laminate
- Shelf level heights 195/770 mm

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
200	860 x 470 x 910	600 x 450	125	22-14004



## Platform trucks with folding handle





- Platform from pressed steel sheet
- Epoxy-coated in brillant blue, RAL 5007
- Glue-fixed anti-slip matting and protective edging all round
- Fold-down push handle with wide cross strut, powder coated finish, folding hinges galvanised
- 2 swivel and 2 fixed castors, swivel castors with brake, solid rubber tyres, castors with roller bearing
- Option with 4 swivel castors not available

Load capac- ity	Outside dimensions L x W x H	Deck dim. L x W	Castor Ø	Proper weight	Ref. no.
kg	mm	mm	mm	kg	
150	760 x 495 x 860	740 x 480	100	12.50	22-20305
250	920 x 630 x 860	910 x 610	125	18.50	22-20306

## Platform with non-slip surface

- Sturdy, rounded edges
- Fold-down push handle with wide cross strut, galvanised hinges
- 2 swivel and 2 fixed castors, swivel castors with brake, solid rubber tyres, castors with roller bearing
- Option with 4 swivel castors not available

	Outside dimensions L x W x H	Deck dim. L x W	Castor Ø	Proper weight	Ref. no.
kg n	mm	mm	mm	kg	
150 7	760 x 495 x 860	740 x 480	100	10.00	22-21303

## **Plywood platform**

- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Deck from beech wood laminate
- Fold-down push handle
- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Optionally available with 4 swivel castors and TOTALSTOP central locking system

Load capac- ity	Outside dimensions L x W x H	Deck dim. L x W	Castor Ø	Proper weight	Ref. no.
kg	mm	mm	mm	kg	
150	815 x 470 x 930	720 x 450	125	15.00	22-13714
250	995 x 620 x 965	900 x 600	160	24.00	22-20012



## Platform with checker plate surface

- Tubed framework, push handle and platform from aluminium
- Fold-down push handle
- 2 swivel and 2 fixed castors, swivel castors with brake, solid rubber tyres, castors with roller bearing
- Optionally available with 4 swivel castors and TOTALSTOP central locking system

Load capac- ity	Outside dimensions L x W x H	Deck dim. L x W	Castor Ø	Proper weight	Ref. no.
kg	mm	mm	mm	kg	
150	815 x 470 x 930	720 x 450	125	10.00	22-21201
	995 x 620 x 965	900 x 600	160	17.00	22-21202





## **Cash & Carry trolleys**



- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Platform from resin coated plywood with slip-resistant texture
- Trolleys can be nested ideal for all locations with limited space
- Nesting saves 75% of the space normally occupied by non-nesting trolleys
- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings









Load capacity	Overall dim. L x W x H	Deck dim. L x W	Wheel dimen- sions	Ref. no.
kg	mm	mm		
400	1045 x 643 x 959	850 x 500	160 x 40	22-43122
500	1212 x 843 x 1004	1000 x 600	200 x 50	22-43123
	1212 x 743 x 1004	1000 x 700	200 x 50	22-43124



#### With 2 levels

- Shelf level height 265/775 mm = castor diameter 160 mm, shelf level height 310/820 mm = castor diameter 200 mm
- Load capacity of top shelf 80 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Wheel dimen- sions	Ref. no.
kg	mm	mm		
400	1045 x 643 x 959	850 x 500	160 x 40	22-43125
500	1212 x 743 x 1004	1000 x 600	200 x 50	22-43126
	1212 x 843 x 1004	1000 x 700	200 x 50	22-43127



### With loop handles

2 loop handles 680 mm high on swivel castor sides and 2 loop handles 500 mm high on fixed castor sides

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Wheel dimen- sions	Ref. no.
kg	mm	mm		
400	1045 x 643 x 949	850 x 500	160 x 40	22-43128
500	1212 x 743 x 990	1000 x 600	200 x 50	22-43129
	1212 x 843 x 990	1000 x 700	200 x 50	22-43130



## Platform trucks with tubular handle





You will find this option on page 297

- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- **Deck from beech wood laminate**



## Platform trolleys, plywood platform

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
250	1100 x 450 x 910	850 x 450	125	22-12895
	1250 x 600 x 910	1000 x 600	125	22-12896
400	1030 x 505 x 953	850 x 500	160	22-21206
	1180 x 705 x 953	1000 x 700	200	22-21207



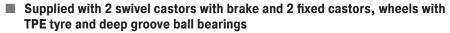
## Platform trucks with tubular handle, plywood platform

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	970 x 509 x 958	850 x 500	160	22-14000
600	1120 x 609 x 990	1000 x 600	200	22-14001
	1120 x 709 x 990	1000 x 700	200	22-14007
	1320 x 809 x 990	1200 x 800	200	22-14002



## **Container trucks**





Deck dim.

1000 x 700

1200 x 800

L x W

mm

Useable

height

mm

700

700

Castor Ø

mm

200

200

Ref. no.

22-39549 22-39550

- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- **Deck from beech wood laminate**

Mesh container trucks, standard version

■ 50x50x4 mm square wire mesh infill, welded to framework

Outside dimensions L x

1060 x 715 x 1069

1260 x 815 x 1069

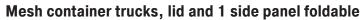












- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Deck from beech wood laminate

WxH

mm

Load ca-

pacity

600

Load ca- pacity	Outside dimensions L x W x H	Deck dim. L x W	Useable height	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
600	1130 x 725 x 1113	1000 x 700	806	200	22-39553
	1330 x 825 x 1113	1200 x 800	806	200	22-39554



### Panelled container trucks, standard version

Sides with plywood infill and beechwood finish

Load ca- pacity	Outside dimensions L x W x H	Deck dim. L x W	Useable height	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
600	1060 x 715 x 1069	1000 x 700	700	200	22-39551
	1260 x 815 x 1069	1200 x 800	700	200	22-39552



## Panelled container trucks, lid and 1 side panel foldable

- Sides and lid with plywood infill and beechwood finish
- Eyelet for padlock fitting

Load ca- pacity	Outside dimensions L x W x H	Deck dim. L x W	Useable height	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
600	1130 x 725 x 1113	1000 x 700	806	200	22-39555
	1330 x 825 x 1113	1200 x 800	806	200	22-39556



## Platform trucks with wire mesh sides





You will find this option on page 297

- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Deck from beech wood laminate
- Short and long sides with 50x50x4 mm rod infill
- Panel height on short sides and on long side 500 mm



## Platform trucks with panelled short side, with wire mesh sides

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	970 x 509 x 958	850 x 500	160	22-39518
600	1120 x 609 x 990	1000 x 600	200	22-39519
	1120 x 709 x 990	1000 x 700	200	22-39520
	1320 x 809 x 990	1200 x 800	200	22-39521



## Platform trucks with two panelled ends, with wire mesh sides

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	1030 x 509 x 958	850 x 500	160	22-39522
600	1180 x 609 x 990	1000 x 600	200	22-39523
	1180 x 709 x 990	1000 x 700	200	22-39524
	1380 x 809 x 990	1200 x 800	200	22-39525



## Platform trucks with three panelled sides, with wire mesh sides

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	1030 x 509 x 958	850 x 500	160	22-39526
600	1180 x 609 x 990	1000 x 600	200	22-39527
	1180 x 709 x 990	1000 x 700	200	22-39528
	1380 x 809 x 990	1200 x 800	200	22-39529



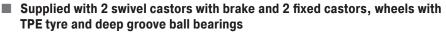
## Platform trucks with four panelled sides, with wire mesh sides

One long-side panel can be removed

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	1030 x 509 x 958	850 x 500	160	22-39530
600	1180 x 609 x 990	1000 x 600	200	22-39531
	1180 x 709 x 990	1000 x 700	200	22-39532
	1380 x 809 x 990	1200 x 800	200	22-39533

## Platform trucks with wood panel sides





- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Platform and front end/side panels from beech laminate
- Panel height on short sides and on long side 500 mm





You will find this option on page 297



## Platform trucks with panelled short side, with wood laminate sides

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	970 x 509 x 958	850 x 500	160	22-21329
600	1120 x 609 x 990	1000 x 600	200	22-21330
	1120 x 709 x 990	1000 x 700	200	22-21331
	1320 x 809 x 990	1200 x 800	200	22-21332



## Platform trucks with two panelled ends, with wood laminate sides

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	1030 x 509 x 958	850 x 500	160	22-21333
600	1180 x 609 x 990	1000 x 600	200	22-21334
	1180 x 709 x 990	1000 x 700	200	22-21335
	1380 x 809 x 990	1200 x 800	200	22-21336



## Platform trucks with three panelled sides, with wood laminate sides

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	1030 x 509 x 958	850 x 500	160	22-21337
600	1180 x 609 x 990	1000 x 600	200	22-21338
	1180 x 709 x 990	1000 x 700	200	22-21339
	1380 x 809 x 990	1200 x 800	200	22-21340



### Platform trucks with four panelled sides, with wood laminate sides

One long-side panel can be removed

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	1030 x 509 x 958	850 x 500	160	22-21341
600	1180 x 609 x 990	1000 x 600	200	22-21342
	1180 x 709 x 990	1000 x 700	200	22-21343
	1380 x 809 x 990	1200 x 800	200	22-21344





## **Table trolleys**

## with steel shelves





- 2 swivel and 2 fixed castors, swivel castors with brake, solid rubber tyres
- Fixed steel tube push handle
- Steel sheet decks with glue-fixed anti-slip matting
- Option with 4 swivel castors not available

### 2 levels and 2 handles

Load capacity of top shelf 60 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
120	760 x 495 x 860	740 x 480	140, 655	100	22-21307

## 3 shelf levels, 2 handles

■ Load capacity of top shelf / intermediate shelf level 60 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
120	760 x 495 x 860	740 x 480	140, 390, 655	100	22-21308

## **Plastic deck trolleys**



- Supplied with 2 swivel and 2 fixed castors, solid rubber tyres
- Decks moulded in polypropylene, with anti-slip surface, colour blue
- Option with 4 swivel castors not available

#### 1 level

Fold-down handle with broad cross brace and hinges, galvanised

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
200	815 x 540 x 890	810 x 500	125	22-37595

#### 2 levels

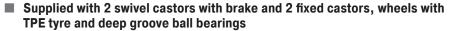
- Double deck table trolley, with fitted push handle, galvanised
- Shelf level heights 185 and 715 mm
- Overall height 890 mm

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
200	815 x 540 x 890	810 x 500	125	22-37594

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## **Table trolleys**

## with multiplex shelves



- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- **■** Decks from beech wood laminate





You will find this option on page 297



### 2 levels and 2 handles

■ Load capacity of top shelf 80 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
200	1030 x 500 x 1020	850 x 500	209, 826	125	22-21208
	1180 x 600 x 1020	1000 x 600	209, 826	125	22-21209



## 3 shelf levels, 2 handles

■ Load capacity of top shelf / intermediate shelf level 80 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
200	1030 x 500 x 1020	850 x 500	209, 515, 826	125	22-21282
	1180 x 600 x 1020	1000 x 600	209, 515, 826	125	22-21283



## 2 levels and 1 handle

■ Load capacity of top shelf 120 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
400	970 x 505 x 968	850 x 500	233, 736	160	22-21210
	1120 x 705 x 968	1000 x 700	233, 736	160	22-21211



## 3 shelf levels and 1 handle

■ Load capacity of top shelf / intermediate shelf level 120 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
400	970 x 505 x 968	850 x 500	233, 485, 736	160	22-21284
	1120 x 705 x 968	1000 x 700	233, 485, 736	160	22-21285





## **Table trolleys**

## with multiplex shelves





You will find this option on page 297

- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Decks from beech wood laminate



## 2 lipped shelves and 1 handle

- Load capacity of top shelf 80 kg
- Drop-in levels fitted into steel angle framework with 12 mm upstand

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
300	980 x 500 x 1020	850 x 500	200, 820	125	22-21216
	1130 x 600 x 1020	1000 x 600	200, 820	125	22-12897



## 3 lipped shelf levels and 1 handle

- Load capacity of top shelf / intermediate shelf level 80 kg
- Drop-in levels fitted into steel angle framework with 12 mm upstand

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
300	980 x 500 x 1020	850 x 500	200, 510, 820	125	22-21217
	1130 x 600 x 1020	1000 x 600	200, 510, 820	125	22-12898



### 2 levels and 1 handle

Load capacity of top shelf 200 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
500	1047 x 509 x 865	850 x 500	228, 860	160	22-21212
600	1197 x 609 x 905	1000 x 600	270, 900	200	22-21213
	1197 x 709 x 905	1000 x 700	270, 900	200	22-21214
	1397 x 809 x 905	1200 x 800	270, 900	200	22-21215



#### 3 shelf levels and 1 handle

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
500	1047 x 509 x 865	850 x 500	228, 544, 860	160	22-21286
600	1197 x 709 x 905	1000 x 700	270, 585, 900	200	22-21287
	1397 x 809 x 905	1200 x 800	270, 585, 900	200	22-21288





## **Shelf trolleys**

- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Decks from beech wood laminate
- Levels are adjustable on a 100 mm pitch
- Shelf load capacity 90 kg

### 3 levels

Load capacity	Shelf level heights	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
500	228, 628, 1028	1010 x 509 x 1111	850 x 500	160	22-21218
600	269, 669, 1069	1160 x 609 x 1152	1000 x 600	200	22-21234
		1160 x 709 x 1152	1000 x 700	200	22-21235
		1260 x 809 x 1152	1200 x 800	200	22-21236



Load capacity	Shelf level heights	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
500	228, 628, 1028, 1428	1010 x 509 x 1511	850 x 500	160	22-21219
600	269, 669, 1069, 1469	1160 x 609 x 1552	1000 x 600	200	22-21220
		1160 x 709 x 1552	1000 x 700	200	22-21221
		1260 x 809 x 1552	1200 x 800	200	22-21237

### 4 levels

Load capacity	Shelf level heights	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
600	269, 669, 1069, 1469	1160 x 609 x 1800	1000 x 600	200	22-21238
		1160 x 709 x 1800	1000 x 700	200	22-21239
		1260 x 809 x 1800	1200 x 800	200	22-21240

## 5 levels

Load capacity	Shelf level heights	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
600	269, 569, 869, 1169, 1469	1160 x 609 x 1800	1000 x 600	200	22-21241
		1160 x 709 x 1800	1000 x 700	200	22-21242
		1260 x 809 x 1800	1200 x 800	200	22-21243









# BITO

## **Shelf trolleys**

### with steel tube sides





You will find this option on page 297

- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Decks from beech wood laminate
- Levels are adjustable on a 100 mm pitch
- Shelf load capacity 90 kg

#### 4 levels

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
600	1160 x 609 x 1800	1000 x 600	269, 669, 1069, 1469	200	22-21297
	1160 x 709 x 1800	1000 x 700	269, 669, 1069, 1469	200	22-21298
	1260 x 809 x 1800	1200 x 800	269, 669, 1069, 1469	200	22-21299

#### 5 levels

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	
600	1160 x 609 x 1800	1000 x 600	269, 569, 869, 1169, 1469	200	22-21300
	1160 x 709 x 1800	1000 x 700	269, 569, 869, 1169, 1469	200	22-21301
	1260 x 809 x 1800	1200 x 800	269, 569, 869, 1169, 1469	200	22-21302

## **Shelf trolleys**

## with wire mesh sides



- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Decks from beech wood laminate
- Levels are adjustable on a 100 mm pitch
- Shelf load capacity 90 kg
- Short sides and 1 long side with 100x100x5 mm rod infill

## Short sides with wire-mesh infill

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Ref. no.
kg	mm	mm	mm	
600	1170 x 711 x 1800	1000 x 700	269, 669, 1069, 1469	22-39539
	1370 x 811 x 1800	1200 x 800	269, 669, 1069, 1469	22-39540

## Short sides and 1 long side with wire-mesh infill

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Ref. no.
kg	mm	mm	mm	
600	1170 x 711 x 1800	1000 x 700	269, 669, 1069, 1469	22-39541
	1370 x 811 x 1800	1200 x 800	269, 669, 1069, 1469	22-39542



# BITO

## **Shelf trolleys**

#### with foldable shelf levels

- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- 3-piece levels from waterproof plywood fitted with piano hinges along the folding line, bolted to angled support profiles
- Folded shelf level safely catches in the grooves of the angled support profiles to prevent accidental unfolding

# YEAR WARRANTY EN 1757-3



You will find this option on page 297





## Shelf trolleys, with foldable shelf levels

All sides open

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Ref. no.
kg	mm	mm	mm	
600	1170 x 711 x 1800	1000 x 700	269, 669, 1069, 1469	22-39543
	1370 x 811 x 1800	1200 x 800	269, 669, 1069, 1469	22-39544

## Shelf trolleys, with wire-mesh sides and foldable shelf levels

■ Short sides and 1 long side with 100x100x5 mm rod infill

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Ref. no.
kg	mm	mm	mm	
600	1170 x 711 x 1800	1000 x 700	269, 669, 1069, 1469	22-39545
	1370 x 811 x 1800	1200 x 800	269, 669, 1069, 1469	22-39546

## **Shelf trolleys**

### with inclined shelves

- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- **■** Decks from beech wood laminate
- Inclined shelf levels are adjustable on a 120 mm pitch
- Levels can be fitted in a straight position or in an inclined position with a 15° or a 30° slope
- Shelf load capacity 80 kg
- Drop-in levels fitted into steel angle framework with 15 mm upstand on long sides

### 2 adjustable shelf levels

	Shelf trolleys	Inclined shelves			
Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.	Ref. no.
kg	mm	mm	mm		
500	1430 x 620 x 1560	1250 x 610	200	22-21322	22-21324
	1830 x 620 x 1560	1650 x 610	200	22-21323	22-21325

#### 3 adjustable shelf levels

	Shelf trolleys	Inclined shelves			
Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.	Ref. no.
kg	mm	mm	mm		
500	1430 x 620 x 1800	1250 x 610	200	22-21326	22-21324
	1830 x 620 x 1800	1650 x 610	200	22-21327	22-21325



You will find this option on page 297









## Platform trucks / Table trolleys / Shelf trolleys

electrically conductive version (ESD)





You will find this option on page 297



- Welded, electrically conductive steel construction, epoxy-coated in slate grey, RAL 7015
- Shelf levels from electrically conductive laminate, compliant to DIN 68765, colour: light grey
- **ESD** version protects your goods from electrostatic discharge
- 2 swivel and 2 fixed castors, swivel castors with brake, electrically conductive tyres from thermoplastic elastomers (TPE ESD), hubs with deep groove ball bearing



## Platform trucks with tubular handle, electrically conductive version (ESD)

Load ca- pacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Wheel di- mensions	Ref. no.
kg	mm	mm	mm		
500	970 x 509 x 950	850 x 500	235	160 x 40	22-43191
600	1120 x 609 x 990	1000 x 600	276	200 x 50	22-43192
	1120 x 709 x 990	1000 x 700	276	200 x 50	22-43193
	1320 x 809 x 990	1200 x 800	276	200 x 50	22-43194



### ESD table trolleys, 2 levels and 1 handle

■ Load capacity top deck 200 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Wheel di- mensions	Ref. no.
kg	mm	mm	mm		
500	1040 x 509 x 867	850 x 500	235, 867	160 x 40	22-43187
600	1190 x 609 x 908	1000 x 600	276, 908	200 x 40	22-43188
	1190 x 709 x 908	1000 x 700	276, 908	200 x 40	22-43189
	1390 x 809 x 908	1200 x 800	276, 908	200 x 40	22-43190



## Shelf trolleys - ESD version, 5 levels

- 1 fitted and 4 adjustable shelf levels from electrically conductive beechwood laminate in compliance with DIN 68765, colour: grey
- Shelf levels can be adjusted in height on a 100 mm pitch
- Load capacity per shelf level 50 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Wheel di- mensions	Ref. no.
kg	mm	mm	mm		
600	1172 x 609 x 1800	1000 x 600	276, 576, 876, 1176, 1476	200 x 40	22-43214
	1172 x 709 x 1800	1000 x 700	276, 576, 876, 1176, 1476	200 x 40	22-43215
	1372 x 809 x 1800	1200 x 800	276, 576, 876, 1176, 1476	125 x 32	22-43216

## Platform trucks / Table trolleys / Shelf trolleys

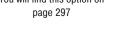
for heavy loads up to 1200 kg



- Decks from plywood with non-slip moisture resistant resin coating
- **Designed for heavy loads**
- Castors with non-marking tyres from solid elastic rubber on ball bearing hubs can easily be moved into any direction and have very low rolling friction
- Supplied with 2 swivel and 2 fixed castors, swivel castors with brake, non-marking tyres from blue-grey elastic rubber on ball bearing hub









## Platform trucks with panelled short side, with plywood deck

- Short side from plywood with moisture resistant plywood coating
- Front panel height 500 mm

Load ca- pacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Wheel di- mensions	Ref. no.
kg	mm	mm	mm		
1200	1160 x 700 x 1005	1000 x 700	283	200 x 50	22-43319
	1360 x 800 x 1005	1200 x 800	283	200 x 50	22-43320
	1760 x 800 x 1005	1600 x 800	283	200 x 50	22-43321
	2160 x 800 x 1005	2000 x 800	283	200 x 50	22-43322



## Table trolleys, 2 levels and 1 handle

- Rectangular decks from plywood with non-slip moisture resistant resin coating
- Load capacity top deck 500 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Wheel di- mensions	Ref. no.
kg	mm	mm	mm		
1200	1210 x 700 x 925	1000 x 700	283, 925	200 x 50	22-43324
	1410 x 800 x 925	1200 x 800	283, 925	200 x 50	22-43325
	1810 x 800 x 925	1600 x 800	283, 925	200 x 50	22-43326
	2210 x 800 x 925	2000 x 800	283, 925	200 x 50	22-43327



### Shelf trolleys, 4 levels

- 1 fitted and 3 adjustable shelf levels from resin coated plywood with slip-resistant coating on one side and smooth the other side
- Shelf levels can be adjusted in height on a 100 mm pitch
- Load capacity per shelf level 180 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Wheel di- mensions	Ref. no.
kg	mm	mm	mm		
1200	1173 x 700 x 1583	1000 x 700	283, 688, 1088, 1488	200 x 50	22-43332
	1373 x 800 x 1583	1200 x 800	283, 688, 1088, 1488	200 x 50	22-43333







## **Order picking trolleys**

## modular system







You will find this option on page 297

- Multifunctional, modular system with clip-on and bolt-on fittings
- Robust framework made from steel profiles/steel tubes, zinc plated
- Short sides with wire-mesh infill welded to frame, mesh width 100 x 50 mm, both short sides are linked with 2 struts for added rigidity
- Bottom deck with wire-mesh infill welded to the frame, mesh width 120 x 30 mm
- 2 push handles can be bolt-fixed vertically at the requested height to one short end panel
- 4 low frichtion swivel castors, 2 with brake, TPE tyres on plastic centre, hubs with deep groove ball bearing
- 4 bumper rollers from thermoplastic polyurethane (TPU) fitted to swivel castors



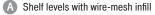


## **Standard version**

Load capacity	Deck dim. L x W	Overall dim. L x W x H	Wheel dimensions	Ref. no.
kg	mm	mm		
200	650 x 510	891 x 590 x 1225	125 x 32	22-48560
		891 x 590 x 1625	125 x 32	22-48563
300	850 x 610	1091 x 690 x 1225	125 x 32	22-48561
		1091 x 690 x 1625	125 x 32	22-48564
		1091 x 690 x 1825	125 x 32	22-48566
	1250 x 610	1491 x 690 x 1225	125 x 32	22-48562
		1491 x 690 x 1625	125 x 32	22-48565
		1491 x 690 x 1825	125 x 32	22-48567

## **Accessories**







B Back cladding



Memo board



Marking board

## In-house transport

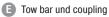












Wire dividers

**G** Wire dividers

Access steps







Guide roller

Scanner holder

**K** Bottle holder

Pos.	Description		Deck dim. L x W	Height	Pcs/ pack	Ref. no.
			mm	mm		
A	Shelf levels with	with 120 x 30 mm wired shelf levels, zinc plated, with 23 mm upward fold on one long side, or			1	22-48572
	wire-mesh infill	the other long side with 23 mm downward fold, adjustable on a 100 mm pitch in straight	850 x 610		1	22-48573
		or tilted position	1250 x 610		1	22-48574
B	Back cladding	bolt-on fitting to a long side, 100 x 50 mm wire mesh infill welded to frame, zinc plated	650 x 510	1225	1	22-48586
			650 x 510	1625	1	22-48589
			850 x 610	1225	1	22-48587
			850 x 610	1625	1	22-48590
			850 x 610	1825	1	22-48592
			1250 x 610	1225	1	22-48588
			1250 x 610	1625	1	22-48591
			1250 x 610	1825	1	22-48593
C	Memo board	from steel sheet with epoxy coating in light grey, RAL 7035, can be fitted at any height on short side panel, supplied with paper clip, angle of incline can be adjusted with wire holder			1	22-48568
D	Marking board	from steel sheet with epoxy coating in matt black, can be fitted at any height on short side panel, suited for chalk writing, supplied with paper clip			1	22-48569
A	Tow bar und	allows trains of 3 picking trolleys max., supplied with 2 fixed castors instead of 2 swivel	width 510		1	22-48578
	coupling	castors without brakes, tow bar from flat rolled steel, pressure-springs automatically lift towing bar into vertical position when not in use, heavy duty coupling pin on opposite short side, trucks/dollies can be linked to each other with a foot operated mechanism, cannot be combined with steps, max. towing speed 6 km / h	width 610		1	22-48579
G	Wire dividers	slide-on fitting, wire mesh infill welded to frame, zinc plated	width 510		1	22-48584
J			width 610		1	22-48585
G	Wire dividers, for		width 510		1	22-48582
•	wire-mesh shelving		width 610		1	22-48583
<b>(1)</b>	Access steps	tubular steel framework, antislip melamine treads, treads stand firmly on the ground as	width 510		1	22-48580
Ψ	·	soon as weight is applied thus immobilising the access steps, a safety catch prevents the trolley from tilting, a gas spring helps to fold the step flat to the trolley, steps are supplied with a pair of deeper loop handles for added handling convenience, total length increases by 100 mm, cannot be combined with tow bar and tow coupling, 3 treads, uppermost tread at a height of 600 mm, reach height approx. 2800 mm	width 610		1	22-48581
A	Guide roller	a spring loaded arm with a fifth TPE tyred castor provides directional stability, on-the-	650 x 510		1	22-48575
9		spot turning remains possible	850 x 610		1	22-48576
			1250 x 610		1	22-48577
Ð	Scanner holder	from steel sheet with epoxy coating in light grey, RAL 7035, many fitting positions at the rear and on the sides, punched tube profile with grip clamp to fix scanner pocket, can be positioned anywhere along push handle, scanner pocket size 120 x 87 x 150 mm (WxDxH), front opening: 40 mm wide			1	22-48571
K	Bottle holder	steel holder with plastic strapping, strong and flexibel, suited for all standard beverage bottles and cans from 0.33 to 1.5 litres			1	22-48570



## Order picking trolleys



- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Decks from beech wood laminate
- Treads at the front end that retract when not in use and stand firmly on the ground as soon as weight is applied thus immobilising the access steps



#### 2 levels

■ Load capacity of top shelf 80 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Height of upper- most tread	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	mm	
250	1320 x 610 x 1135	1000 x 600	200, 820	515	125	22-17612



#### 3 levels

■ Load capacity of top shelf / intermediate shelf level 80 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Height of upper- most tread	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	mm	
250	1320 x 610 x 1135	1000 x 600	200, 510, 820	515	125	22-21222



## 3 levels

Load capacity of top shelf / intermediate shelf level 80 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Height of upper- most tread	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	mm	
250	1495 x 610 x 1900	1000 x 600	226, 850, 1480	935	160	22-17613



#### 4 levels

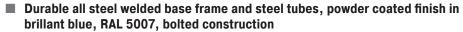
■ Load capacity of top shelf / intermediate shelf level 80 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Shelf level heights	Height of upper- most tread	Castor Ø	Ref. no.
kg	mm	mm	mm	mm	mm	
250	1495 x 610 x 1900	1000 x 600	226, 707, 1182, 1657	935	160	22-21223



## **Roll containers with wire mesh sides**









- Deck from beech wood laminate
- Supplied with 2 swivel castors with brake and 2 fixed castors, all castors with TPE tyre 200 x 40 mm, deep groove ball bearings

You will find this option on page 297



## Without doors

■ Short sides and rear with 100x100x5 mm rod infill

Load capac- ity	Castor Ø	Shelf level heights	Overall height	Deck dim. L x W	Ref. no.
kg	mm	mm	mm	mm	
600	200	269	1552	1000 x 700	22-37794
				1200 x 800	22-37795
			1800	1000 x 700	22-37796
				1200 x 800	22-37797
Shelf levels, for shelf trolleys / roll containers			1000 x 700	22-39547	
				1200 x 800	22-39548



## With hinged double doors

- Steel tube framework with welded grid infill, grid size 100 x 100 x 5 mm
- Double doors fitted to one long side
- Tubed frame comes with integral latch lock, padlock can be fitted (not supplied)
- Double doors can be hinged to short sides or to push handle

Load capacity	Castor Ø	Shelf level heights	Overall height	Dimensions L x W	Deck dim. L x W	Ref. no.
kg	mm	mm	mm	mm	mm	
600	200	269	1552	1000 x 700	1000 x 700	22-37798
				1200 x 800	1200 x 800	22-37799
				1800	1000 x 700	1000 x 700
				1200 x 800	1200 x 800	22-37598
Shelf level	ls, for shelf	f trolleys / roll o	containers		1000 x 700	22-39547
					1200 x 800	22-39548
Document pockets, without top fold				235 x 170		46-21104
				305 x 205		46-21111



# BITU

## **Cantilever trolleys**





You will find this option on page 297





- Supplied with 2 swivel castors with brake and 2 fixed castors, all castors with TPE tyre 200 x 40 mm, deep groove ball bearings
- Strong angle framework
- Horizontal and vertical tubes as well as arms are connected to each other by sturdy screw clamps
- Epoxy-coated in brillant blue, RAL 5007
- Useful height 1450 mm
- 12 clamp-fixed support arms from steel tube Ø 27 mm, useful depth 600 mm
- Load capacity per level 80 kg

Load capacity	Description	Overall dim. L x W x H	Dimensions at base L x D	Ref. no.
kg		mm	mm	
500	standard version	1400 x 800 x 1807	1200 x 800	22-39559
		1800 x 800 x 1807	1600 x 800	22-39560
		2200 x 800 x 1807	2000 x 800	22-39561
	with PVC sleeve	1400 x 800 x 1807	1200 x 800	22-39562
		1800 x 800 x 1807	1600 x 800	22-39563
		2200 x 800 x 1807	2000 x 800	22-39564



## Cantilever trolleys, double sided use

- 2 swivel and 2 fixed castors, swivel castors with brake, solid rubber tyres sized 200 x 50 mm, castors with roller bearing
- Strong angle framework
- Horizontal and vertical tubes as well as arms are connected to each other by sturdy screw clamps
- Epoxy-coated in brillant blue, RAL 5007
- Useful height 1450 mm
- 24 clamp-fixed support arms from steel tube Ø 27 mm, useful depth 2 x 370 mm
- Load capacity per level 120 kg (60 kg each side)

Load capacity	Description	Overall dim. L x W x H	Dimensions at base L x D	Ref. no.
kg		mm	mm	
500	standard version	1400 x 800 x 1807	1200 x 800	22-39565
		1800 x 800 x 1807	1600 x 800	22-39566
		2200 x 800 x 1807	2000 x 800	22-39567
	with PVC sleeve	1400 x 800 x 1807	1200 x 800	22-39568
		1800 x 800 x 1807	1600 x 800	22-39569
		2200 x 800 x 1807	2000 x 800	22-39570



## Shelves, for cantilever trolleys

15 mm waterproof plywood levels, both sides can be used as side up - one side sealed, one side coated with non-slip surface

Description	Useable depth	Length	Ref. no.
	mm	mm	
double sided use	370	1200	22-39572
		1600	22-39573
		2000	22-39574
single sided use	600	1200	22-39575
		1600	22-39576
		2000	22-39577



### Load retention plates, for cantilever trolleys

■ Useful height 30 mm when mounted to standard arms, 27 mm when fitted to arms with PVC sleeve

Description		Ref. no.
load retention plate	e, to be fitted to the end of each arm	22-39571



## **Sheet material stands and trolleys**



### Sheet material stands, with 4 support legs

- With 4 rubber feet
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- Deck from film coated plywood
- 7 fitting positions, clear width between divider bars 90 mm
- Fitted with a full width roller at one short side to help infeeding and outfeeding
- Supplied without divider bars, please order separately

Load capacity	Deck dim. L x W	Ref. no.
kg	mm	
1200	1200 x 800	22-21313
1200	1600 x 800	22-21314



## **Sheet material trolleys**

- Supplied with 2 swivel and 2 fixed castors, swivel castors with brake
- Load capacity 600 kg, wheels with TPE tyres, hub with deep groove ball bearing
- Load capacity 1200 kg, elastic rubber tyred wheels on roller bearing hub
- Deck from film coated plywood
- Welded steel construction, epoxy-coated in brilliant blue, RAL 5007
- 7 fitting positions, clear width between divider bars 90 mm
- Supplied without divider bars, please order separately

Load capacity	Description	Deck dim. L x W	Castor Ø	Ref. no.
kg		mm	mm	
600 TPE tyres	TPE tyres	1200 x 800	200	22-21309
		1600 x 800	200	22-21311
1200 super elastic rubber	1200 x 800	200	22-21310	
	tyres	1600 x 800	200	22-21312



## Divider bars, for sheet material trolleys and stands

- Steel tube handle, epoxy-coated in brilliant blue, RAL 5007
- Divider bars allow subdivision of loading surface, seven fitting positions

Length	Height	Ref. no.
mm	mm	
1200	300	22-21315
	600	22-21316
	900	22-21317
1600	300	22-21318
	600	22-21319
	900	22-21320



### Add-on feet for sheet material stands

- Optional accessory
- Set of 4 add-on feet to increase floor clearance to 100 mm for fork lift truck and hand pallet truck handling

Material	Pcs/ pack	Ref. no.
steel	4	22-21321







# In-house transport

## **Transport dolly**

for containers

Move your bins & containers with ease!

#### For containers sized 600 x 400 mm

- Complete with 4 swivel castors
- Designed for European size stacking containers: 1 x 600 x 400 mm or 2 x 400 x 300 mm
- Framework from glassfibre reinforced polyamide

Load capacity	To suit contain- ers sized L x W	Deck dim. L x W	Tyre material	Castor Ø	Ref. no.
kg	mm	mm		mm	
250	600 x 400	620 x 420	rubber	100	43-21883
			PP	100	43-1491



### For containers sized 800 x 600 mm

- Supplied with 2 swivel and 2 fixed castors
- Suited for containers sized 800 x 600 mm
- Made from polypropylene

Load capacity	To suit contain- ers sized L x W	Deck dim. L x W	Tyre material	Castor Ø	Ref. no.
kg	mm	mm		mm	
500	800 x 600	800 x 600	polyamide	125	43-1150



## For multi-purpose containers sized 600 x 400 mm

- Complete with 4 swivel castors
- For multi-purpose containers sized 600 x 400 mm
- Fitted with drop-in lid for optimum positioning of MB containers
- Made from glassfibre reinforced polyamide, drop-in lid from polypropylene

Lo	ad capacity	To suit containers sized L x W	Tyre material	Castor Ø	Ref. no.
kg	i	mm		mm	
25	0	600 x 400	PP	100	6-15510
_			PP		6-15510



## For multi-purpose containers sized 800 x 400 mm and $800 \times 600$ mm

- Complete with 4 swivel castors
- For multi-purpose containers sized 800 x 400 mm and 800 x 600 mm
- Anodised aluminium frame with PVC corner edging

Load capacity	To suit containers sized L x W	Tyre material	Castor Ø	Ref. no.
kg	mm		mm	
250	800 x 400	PP	100	6-16494
	800 x 600	PP	100	6-19439

## **Pallet dollies**

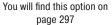


## Pallet dollies, with TPE tyres, load capacity 500 kg

- Supplied with 2 swivel castors with brake and 2 fixed castors, wheels with TPE tyre and deep groove ball bearings
- Angled steel framework with support struts, epoxy coated in brilliant blue RAL 5007, without location lugs
- 20 mm upstand on all four sides for safe in-fitting of pallets and mesh box pallets
- Important note:
- Additional equipment such as add-on support stand, slot-in push handle, tow bar and coupling cannot be combined with this item!

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Castor Ø	Ref. no.
kg	mm	mm	mm	
500	1240 x 830 x 279	1210 x 810	160	22-39558







## Pallet dollies, with TPE tyres, load capacity 750 kg

- Supplied with 2 swivel and 2 fixed castors, swivel castors with brake
- Angled steel framework, powder coated in brilliant blue, RAL 5007 with 4 location lugs

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Wheel dimensions	Ref. no.
kg	mm	mm		
750	856 x 656 x 331	810 x 610	200 x 40	22-43342
	1056 x 856 x 331	1010 x 810	200 x 40	22-43343
	1255 x 855 x 330	1210 x 810	200 x 40	22-21224
	1256 x 1056 x 331	1210 x 1010	200 x 40	22-43344



## Pallet dollies, with polyamide tyres, load capacity 1000 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Wheel dimensions	Ref. no.
kg	mm	mm		
1000	856 x 656 x 331	810 x 610	200 x 50	22-43345
	1056 x 856 x 331	1010 x 810	200 x 50	22-43346
	1256 x 856 x 331	1210 x 810	200 x 50	22-43347
	1256 x 1056 x 331	1210 x 1010	200 x 50	22-43348



## Pallet dollies, with elastic solid rubber tyres, load capacity 1200 kg

Load capacity	Overall dim. L x W x H	Deck dim. L x W	Wheel dimensions	Ref. no.
kg	mm	mm		
1200	856 x 656 x 331	810 x 610	200 x 50	22-43349
	1056 x 856 x 331	1010 x 810	200 x 50	22-43350
	1255 x 855 x 330	1210 x 810	200 x 50	22-21225
	1256 x 1056 x 331	1210 x 1010	200 x 50	22-43351



### Tubular steel push handle, for pallet dollies

- Optional accessory
- Solid steel tube handle inserts into welded-on sleeves at swivel castor side, bolt-on fitting
- Only for first trolley
- Push handles ordered separately for later-on fitting must be welded

Material	Ref. no.
steel	22-21226







## **Pallet dollies**



## Self-locking push handle, for pallet dollies

- Push-fit handle for pallet dollies at least 800 mm wide
- Extremely robust steel tube construction with solid claw connectors
- Top of bow and cross strut with softgrip coating
- Once hooked off the pallet dolly, the handle can easily be pushed on 2 wheels to its storage place

Material	Ref. no.
steel tube	22-43362



## Add-on support stands, for pallet dollies

- Support allows to place pallets or wire-mesh box pallets in an ergonomically favourable height
- Supplied with bolts to fix legs of support stand to pallet dolly
- For use with pallets sized 1200 x 800 mm

Deck dim. L x W	Load support height	Overall height (with support stand fitted)	Load capacity	Ref. no.
mm	mm	mm	kg	
1210 x 810	422	422	1200	22-37791
	552	600	1200	22-37792
	652	652	1200	22-37793





- Up to 5 dollies can be tied together
- Flat steel tow bar can be pushed under chassis when not in use
- Solid coupling pin on the fixed castor side
- Trucks/dollies can be linked to each other with a foot operated mechanism
- Max. towing weight 2000 kg

Total load capacity	Material	Ref. no.
kg		
2000	flat steel	22-43361



## Tow bar und coupling pin, for pallet dollies

- Suited for a transport speed of up to 6 km/h
- Up to 5 dollies can be tied together
- Flat steel tow bar, gas pressure springs automatically lift tow bar into vertical position when not in use
- Solid coupling pin on the fixed castor side
- Trucks/dollies can be linked to each other with a foot operated mechanism
- Max. towing weight 2000 kg

Total load capacity	Material	Ref. no.
kg		
2000	flat steel	22-43363

# BITO

## **Tipping skips**



- Heavy duty welded steel construction made from 3 mm thick steel plate, liquid-tight seams
- Epoxy-coated in brillant blue, RAL 5007
- Version with drain tap and filter for separating liquids from solids



You will find this option on page 297



## **Roll forward tipping skips**

- 2 swivel and 2 fixed castors, swivel castors are supplied with TOTALSTOP central locking system as standard feature, compliant with EN-1757-3
- Load capacity 750 kg, wheels with TPE tyres, hub with deep groove ball bearing
- Load capacity 800 kg, elastic rubber tyred wheels on roller bearing hub
- Body from 2 mm thick steel plate mounted on tilting mechanism
- Double bended top edges, unloading lip folded twice, oil tight welding seams
- Base from 3 mm bended steel sheet profiles with integrated fork entry pockets, kick plate, tipping lock and push handle
- Can be (re-)located on wheels or with a fork lift truck
- Tipping action is released manually
- Wheel diameter 200 mm

Description	Load capacity	Overall dim. L x W x H	Filling height	Volume	Ref. no.
	kg	mm		Litres	
without drain tap	750	1359 x 713 x 780	780	250	22-39578
	750	1374 x 730 x 1072	733	450	22-39579
	750	1458 x 855 x 1099	843	600	22-39580
	800	1458 x 1105 x 1099	843	800	22-39581
with drain tap	750	1359 x 713 x 780	780	250	22-39582
	750	1374 x 730 x 1072	733	450	22-39583
	750	1458 x 855 x 1099	843	600	22-39584
	800	1458 x 1105 x 1099	843	800	22-39585





### **Self-tipping skips**

- Designed for handling loose bulk materials; skid-guided self-tipping action
- Do not need lifting for material unloading
- Empty body returns automatically into loading position
- Fitted as standard with fork entry pockets, slide-off and tipping lock, chain for secure fitting to fork truck

Description	Load capacity	Overall dim. L x W x H	Filling height	Volume	Ref. no.
	kg	mm		Litres	
without drain tap	1000	1294 x 731 x 837	748	350	22-39586
	1500	1294 x 1141 x 837	748	600	22-39587
	2000	1294 x 1661 x 837	748	900	22-39588
	2500	1751 x 1222 x 1127	1043	1200	22-39589
with drain tap	1000	1294 x 731 x 837	748	350	22-39590
	1500	1294 x 1141 x 837	748	600	22-39591
	2000	1294 x 1661 x 837	748	900	22-39592
	2500	1751 x 1222 x 1127	1043	1200	22-39593





## **Roller conveyors**

- Modular design allows configurations to requirement
- Non-powered in-house transport of goods
- Easy to mount, allows immediate adaptation to different locations or needs
- Ball-bearing rollers provide very good travel characteristics

#### i BITO info

Roller conveyors are ideal for the non-powered in-house transport of plastic bins and containers as well as cardboard boxes. Whether used as push-along conveyor lane for order picking (no incline) or for non-assisted transport to the next workstation (with incline). Mounted onto support stands in front of racking rows in carton live storage environments, roller conveyor tracks allow to have the picking container always in direct reach and in optimum working height.

Free-standing roller tracks with or without incline help you move loads between locations, either by pushing them along or by gravity. Roller tracks are mounted onto twin support stands that can be adjusted to any height (no pitch) to ensure an optimum lane incline.

The incline of 2 - 5% depends on product characteristics and product weight. Due to their modular design, the roller tracks can mounted quickly and easily and can be adapted without any problem to changing conditions.



## Roller conveyor segments, with plastic rollers

- Please add twin support stands (static or mobile version) to your order
- Other track lengths can be supplied upon request!
- The roller pitch is determined by the length of the smallest unit load. Please note that a unit load must be supported by at least 3 rollers.
- The weight of individual unit loads should not exceed 20-25 kg/unit.
- U-shaped side profiles, galvanised, dimensions 20/70/20 mm

		Total width / width	340/300 mm	440/400 mm	540/500 mm	640/600 mm
Roller pitch T	Min. length of storage unit	Length	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm	mm	mm				
75	225	975 mm	36-16575	36-16587	36-16599	36-16611
		1500 mm	36-16578	36-16590	36-16602	36-16614
		1950 mm	36-16581	36-16593	36-16605	36-16617
		3000 mm	36-16584	36-16596	36-16608	36-16620
100	300	1000 mm	36-16576	36-16588	36-16600	36-16612
		1500 mm	36-16579	36-16591	36-16603	36-16615
		2000 mm	36-16582	36-16594	36-16606	36-16618
		3000 mm	36-16585	36-16597	36-16609	36-16621
125	375	1000 mm	36-16577	36-16589	36-16601	36-16613
		1500 mm	36-16580	36-16592	36-16604	36-16616
		2000 mm	36-16583	36-16595	36-16607	36-16619
		3000 mm	36-16586	36-16598	36-16610	36-16622

# BITO



## Bend segments, with plastic rollers

- Please add twin support stands (static or mobile version) to your order
- The roller track width is divided along the track middle line
- Inner curve radius 800 mm, full-width rollers or split rollers depending on track width
- U-shaped side profiles, galvanised, dimensions 20/70/20 mm

		Total width / width	340/300 mm	440/400 mm	540/500 mm	640/600 mm
Angle	Roller pitch T	Min. length of storage unit	Ref. no.	Ref. no.	Ref. no.	Ref. no.
	mm	mm				
45°	75	225 mm	36-16720	36-16724	36-16728	36-16732
	125	375 mm	36-16722	36-16726	36-16730	36-16734
90°	75	225 mm	36-16719	36-16723	36-16727	36-16731
	125	375 mm	36-16721	36-16725	36-16729	36-16733



## Lift-up gates, with plastic rollers

		Total width / width	340/300 mm	440/400 mm	540/500 mm	640/600 mm
Length	Description	Roller pitch T	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm				
1000 mm	hinges without spring	75	36-16671	36-16677	36-16683	36-16689
	assistance	100	36-16673	36-16679	36-16685	36-16691
		125	36-16675	36-16681	36-16687	36-16693
	spring-assisted hinges	75	36-16672	36-16678	36-16684	36-16690
		100	36-16674	36-16680	36-16686	36-16692
		125	36-16676	36-16682	36-16688	36-16694

## **Roller conveyors**



- Please add twin support stands (static or mobile version) to your order
- The roller pitch is determined by the length of the smallest unit load. Please note that a unit load must be supported by at least 3 rollers.
- Other track lengths can be supplied upon request!
- U-shaped side profiles, galvanised, dimensions 20/70/20 mm



		Total width / width	340/300 mm	440/400 mm	540/500 mm	640/600 mm
Roller pitch T	Min. length of storage unit	Length	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm	mm	mm				
75	225	975 mm	36-16623	36-16632	36-16641	36-16650
		1500 mm	36-16626	36-16635	36-16644	36-16653
		1950 mm	36-16629	36-16638	36-16647	36-16656
		3000 mm	36-16659	36-16662	36-16665	36-16668
100	300	1000 mm	36-16624	36-16633	36-16642	36-16651
		1500 mm	36-16627	36-16636	36-16645	36-16654
		2000 mm	36-16630	36-16639	36-16648	36-16657
		3000 mm	36-16660	36-16663	36-16666	36-16669
125	375	1000 mm	36-16625	36-16634	36-16643	36-16652
		1500 mm	36-16628	36-16637	36-16646	36-16655
		2000 mm	36-16631	36-16640	36-16649	36-16658
		3000 mm	36-16661	36-16664	36-16667	36-16670

## Bend segments, with steel rollers

- Please add twin support stands (static or mobile version) to your order
- The roller track width is divided along the track middle line
- Inner curve radius 800 mm, full-width rollers or split rollers depending on track width
- U-shaped side profiles, galvanised, dimensions 20/70/20 mm

		Total width / width	340/300 mm	440/400 mm	540/500 mm	640/600 mm
Angle	Roller pitch T	Min. length of storage unit	Ref. no.	Ref. no.	Ref. no.	Ref. no.
	mm	mm				
45°	75	225 mm	36-16736	36-16740	36-16744	36-16748
	125	375 mm	36-16738	36-16742	36-16746	36-16750
90°	75	225 mm	36-16735	36-16739	36-16743	36-16747
	125	375 mm	36-16737	36-16741	36-16745	36-16749



## In-house transport







spring-assisted hinges

## Lift-up gates, with steel rollers

		Total width / width	340/300 mm	440/400 mm	540/500 mm	640/600 mm
Length	Description	Roller pitch T	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm		mm				
1000 mm	hinges without spring	75	36-16695	36-16701	36-16707	36-16713
	assistance	100	36-16697	36-16703	36-16709	36-16715
		125	36-16699	36-16705	36-16711	36-16717
	spring-assisted hinges	75	36-16696	36-16702	36-16708	36-16714
		100	36-16698	36-16704	36-16710	36-16716
		125	36-16700	36-16706	36-16712	36-16718

## **Twin support stands**

- Max. span between two support stands 2000 mm; load capacity 120 kg for 2000 mm spans and 175 kg for spans ≤1500 mm
- Height adjustable insert feet
- Construction height = top edge of roller conveyor
- Painted in sky blue, RAL 5015
- Square tubed construction with swivel hinges

## Twin support stands, without castors

Width	300 mm	400 mm	500 mm	600 mm
Height adjustment range	Ref. no.	Ref. no.	Ref. no.	Ref. no.
mm				
275 - 340	36-16520	36-16525	36-16530	36-16535
330 - 395	36-16521	36-16526	36-16531	36-16536
390 - 570	36-16522	36-16527	36-16532	36-16537
550 - 850	36-16523	36-16528	36-16533	36-16538
680 - 1100	36-16524	36-16529	36-16534	36-16539

## Twin support stands, mobile version

■ Swivel castors with brakes for easy manoeuvring, castor diameter 100 mm

Width	400 mm	500 mm	600 mm	
Height adjustment range	Ref. no.	Ref. no.	Ref. no.	
mm				
410 - 465	36-38382	36-38387	36-38392	
465 - 525	36-38383	36-38388	36-38393	
525 - 680	36-38384	36-38389	36-38394	
685 - 920	36-38385	36-38390	36-38395	
820 - 1100	36-38386	36-38391	36-38396	



## **Accessories for roller conveyors with PVC/steel rollers**



#### End stop plates, for roller conveyor lanes

Galvanised steel sheet

Width	300 mm	400 mm	500 mm	600 mm
Material	Ref. no.	Ref. no.	Ref. no.	Ref. no.
zinc-plated steel	36-16546	36-16547	36-16548	36-16549



## Edge buffering, for roller conveyor lanes

- Push-fitted onto edges of U-type profiles
- Please state required length in whole meters at time of order.

Material	Colour	Ref. no.
cellular rubber	black	36-16550



## Caps for track ends, for roller conveyor lanes

■ To cover profile ends of U-shaped track sides

Colour	Pack qty	Ref. no.
RAL 5015 Sky blue	pair	36-38376



## Side capping for track profiles, for roller tracks

To be fitted and, where required, cut to size by customer; slots to fit in supports of side railing must be added by customer as necessary

Colour	Ref. no.
black	36-38375



## Side railing, for straight lanes

- C-profiles, galvanised
- Rail height can be adjusted up to 100 mm
- Please state required length in mm at time of order.

Description	Ref. no.
for straight lanes, single sided use	36-16540
for straight lanes, either side	36-16541



## Side railing, for bends

- C-profiles, galvanised
- Rail height can be adjusted up to 100 mm

Description	Ref. no.
for 45° bends, outer radius	36-16544
for 45° bends, either side	36-16545
for 90° bends, outer radius	36-16542
for 90° bends, either side	36-16543

## Skatewheel expandaveyors

## **Skatewheel expandaveyors**

## **BITO** info

This standalone, flexible and mobile conveyor system is ideal for all locations with little space and locations which are not suited for floor mounted conveyors.

## **Skatewheel expandaveyors**

- Can be used in confined spaces
- Extendable to required length
- Legs are height adjustable between 700 and 1100 mm
- Simple to position at required location, locking brakes for safe loading and unloading
- Flexible routing possible for realising narrow bends and S-curves
- All expandaveyor components are galvanised
- Load capacity between two support stands 100 kg

	Width	300 mm	400 mm	500 mm	600 mm
Number of uprights	Extended length	Ref. no.	Ref. no.	Ref. no.	Ref. no.
	mm				
3	1200 - 4400	36-16551	36-16555	36-16559	36-16563
4	1700 - 6200	36-16552	36-16556	36-16560	36-16564
5	2200 - 7900	36-16553	36-16557	36-16561	36-16565
6	2800 - 9600	36-16554	36-16558	36-16562	36-16566

## Track connector units, standard version

- Connect two expandaveyor segments
- Equipped with hooks on either side

	Width	300 mm	400 mm	500 mm	600 mm
Material	Length	Ref. no.	Ref. no.	Ref. no.	Ref. no.
	mm				
zinc-plated steel	400	36-16567	36-16568	36-16569	36-16570

## **End stop plates, standard version**

- Fixed track end stop
- Prevent goods from falling at track end

	Width	300 mm	400 mm	500 mm	600 mm
Material	Length	Ref. no.	Ref. no.	Ref. no.	Ref. no.
	mm				
zinc-plated steel		36-16571	36-16572	36-16573	36-16574









## Keep tools and equipment easily accessible!







BITO workstation systems are ideally suited for a very wide range of applications in storage, order picking and workshop environments. They assist in creating a professional and productive work environment.

The BITO TEC system is a real allrounder: whether used as functional PC workstation, office desk or packing station with cutter unit, paper dispenser and enough room for storing miscellaneous office equipment, the TEC system helps you stay organised. Of course, later-on reconfigurations are possible to adapt to changing working conditions.

Or are you looking for a heavy duty workbench system? Have a look at our range! We guarantee sturdy, functional and at the same time attractive systems as well as use-alone products.

## **Contents**

BITO TEC	332
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# \*\*\*\*\*

## **BITO TEC**

- The BITO TEC system allows to design professional and functional workstations
- Modular system allows for the design of a workstation to individual requirements, later-on extensions are easy to realise
- Framework consisting of a robust steel frame to which desktops and shelf levels can be added to suit your needs
- Worktops are height adjustable on a 60 mm pitch
- Steel components epoxy-coated in aluminium grey, RAL 9007
- Worktops and shelf levels manufactured from chipboard laminate with beech finish



## Workstation frames, single sided use

Outside dim. L x W x H	Worktop/desktop L x W x thickness	Load capacity per desktop/worktop	Ref. no.
mm	mm	kg	
1306 x 920 x 1785	1600 x 800 x 28	150	44-19301
1306 x 920 x 1785	2000 x 800 x 38	250	44-19306



## Workstation frames, double sided use

Outside dim. L x W x H	Worktop/desktop L x W x thickness	Load capacity per desktop/worktop	Ref. no.
mm	mm	kg	
1306 x 1700 x 1785	1600 x 800 x 28	150	44-19302
1306 x 1700 x 1785	2000 x 800 x 38	250	44-19307



## Office desks, single sided use

Outside dim. L x W x H	Worktop/desktop L x W x thickness	Load capacity per desktop/worktop	Ref. no.
mm	mm	kg	
1306 x 620 x 692	1600 x 800 x 28	150	44-19295

## WORKStation Systems

## Computer workstation, single sided use

- Framework for single-sided use
- Supplied with 28 mm computer desktop, load capacity 150 kg
- Supplied with straight steel sheet level, 400 mm deep, load capacity 90 kg
- Supplied with inclined shelf steel sheet level, 300 mm deep, load capacity 90 kg
- Delivery does not include mobile pedestal and on-the-side shelving!

Outside dim. L x W x H	Worktop/desktop L x W x thickness	Load capacity per desktop/worktop	Ref. no.
mm	mm	kg	
1306 x 920 x 1785	1600 x 800 x 28	150	44-19444



## Computer workstation, sitting and standing use, double sided use

- Framework for double-sided use
- Supplied with 2 computer worktops, load capacity 150 kg, worktops 28 mm thick
- Supplied with straight steel sheet level, 400 mm deep, load capacity 90 kg
- Supplied with 2 inclined shelf steel sheet levels, 300 mm deep, load capacity 90 kg
- Delivery does not include mobile pedestal and on-the-side shelving!

Outside dim. L x W x H	Worktop/desktop L x W x thickness	Load capacity per desktop/worktop	Ref. no.
mm	mm	kg	
1306 x 1700 x 1785	1600 x 800 x 28	150	44-19445



## Workstations, single sided use

- Framework for single-sided use
- Supplied with 38 mm worktop, load capacity 250 kg
- Supplied with straight steel sheet level, 400 mm deep, load capacity 90 kg
- Supplied with shelf level with 4 solid sheet dividers, load capacity 100 kg
- Delivery does not include drawer, mandrel kit and cutter unit

Outside dim. L x W x H	Worktop/desktop L x W x thickness	Load capacity per desktop/worktop	Ref. no.
mm	mm	kg	
1306 x 920 x 1785	2000 x 800 x 38	250	44-19443



## Workstations, double sided use

- Framework for double-sided use
- Supplied with 2 worktops, load capacity 250 kg, worktops 38 mm thick
- Supplied with 2 shelf levels with 8 solid sheet dividers, load capacity 100 kg
- Delivery does not include drawer, mandrel kit and cutter unit

Outside dim. L x W x H	Worktop/desktop L x W x thickness	Load capacity per desktop/worktop	Ref. no.
mm	mm	kg	
1306 x 1700 x 1785	2000 x 800 x 38	250	44-19446



## **BITO TEC**

#### **Accessories**



Louvered panels suited for wall mounting



B Louvered panels suited for wall and workbench mounting



Spigots for louvred panels



Individual drawers



Shelf levels



Shelf levels



G Computer desktops



Shelf levels



Worktops



Full sheet dividers



K Full sheet dividers



Connector beams



M Cutter units



Multi-purpose rails



Add-on feet



Mandrel kits



## Mobile pedestals, TEC-1333, 4 drawers

- Supplied with castors, extraction stop and central locking system
- 19 mm beech melamine top with rounded edges
- Housing and fronts with slate grey finish

Outside dimensions W x D x H	Ref. no.
mm	
420 x 600 x 570	44-13712



## Mobile pedestals, TEC-136T, 3 drawers

- Supplied with castors, extraction stop and central locking system
- 19 mm beech melamine top with rounded edges
- Housing and fronts with slate grey finish

Outside dimensions W x D x H	Ref. no.
mm	
420 x 600 x 570	44-13713

# Workstation systems



Pos.	Description		Dimensions	Ref. no.
			mm	
A	Louvered panels suited for wall mounting	easy-to-mount, hardwearing steel sheet panels, accept storage bins SK1095, SK1610 and SK2311	W 457 x H 495	8-14837
В	Louvered panels suited for wall and workbench mounting	W 1486 x H 457	8-14835	
C	Spigots for louvred panels	round spigots for louvered panels	L 150	8-14841
			L 200	8-14842
			L 300	8-14843
<b>B</b>	Individual drawers	painted in light grey, RAL 7035, ball bearing castors, full width handle from aluminium with label, cylinder lock complete with 2 keys	W 475 x H 128 x D 526	44-15802
	Shelf levels steel sheet, straight version	steel shelf level with integral retaining lip at rear, supplied with 2 cantilever arms, all parts epoxy-coated in grey aluminium, RAL 9007, load capacity 90 kg	W 1246 x H 98 x D 400	44-19312
			W 1246 x H 98 x D 500	44-19313
B	Shelf levels steel sheet, inclined version	steel shelf level with integral retaining lip at rear, supplied with 2 cantilever arms, 25° slope, all parts epoxy-coated in grey aluminium, RAL 9007, load capacity 90 kg	W 1246 x H 56,8 x D 300	44-19314
			W 1246 x H 56,8 x D 400	44-19315
G	Computer desktops 28 mm chipboard worktop finished with beech laminate, complete with 2 cantilever arms beechwood laminate 600 mm long and fixing material, load capacity 100 kg		L 1600 x W 800	44-19303
<b>(1)</b>	Shelf levels beechwood laminate	chipboard panel finished with beech laminate, perforated (Ø 7 mm) in 96 mm increments along both long sides for push-in divider adjustment, complete with 2 cantilever arms 400 mm long and fixing material, load capacity 150 kg	L 1600 x W 400	44-19308
<b>O</b>	Worktops	38 mm chipboard worktop finished with beech laminate, complete with 2 cantilever arms 600 mm long and fixing material, load capacity 100 kg	L 2000 x W 800	44-19309
Ð	Full sheet dividers slot-in fitting	epoxy-coated in grey aluminium, RAL 9007, subdivide shelf level into compartments and allow vertical storage	H 300 x D 300	44-19273
K	Full sheet dividers slide-on fitting	suited for straight shelves, epoxy-coated in grey aluminium, RAL 9007, can be positioned anywhere along the shelf length	H 170 x D 400	44-19289
0	Connector beams type BITO-TEC	epoxy-coated in grey aluminium, RAL 9007, connect 2 columns, 2 connector beams required per bay	L 1246	44-19216
M	Cutter units for paper rolls	clamp-fixed to worktop, cutting width 750 mm	W 750	44-19251
N	Multi-purpose rails	aluminium rail for tool suspension complete with push-along PVC tool hangers, mounting supports, end caps and bolts to fix	L 1500	44-19252
0	Add-on feet	fitted to columns for easy reconfiguration of a single sided structure into a double sided structure, 2 kits required per frame	L 680 x W 50 x H 30	44-19317
P	Mandrel kits for paper rolls	consisting of a tubed holder, Ø 40 mm, fitted into slotted columns, with 2 adjustment rings and 2 end caps	L 1300 x W 40	44-19318

## On-the-side shelving

■ Supplied with 3 shelves and 2 plinths

Outside dimensions W x D x H	Shelf load	Colour	Ref. no.
mm	kg		
1058 x 424 x 749	100	RAL 9007 Grey aluminium	44-19300



## Workbenches



- Modular workbench system, extensions possible
- Galvanised shelves, load capacity 100 kg
- 30 mm worktops manufactured from beechwood laminate, sealed with several coats of clear, water resistant varnish
- Flat edges
- Worktop surface smoothed and treated with linseed oil
- Framework epoxy-coated, only available in gentian blue, RAL 5010



## Workbenches, type 1

	colour	galvanised	RAL 5010 Gentian blue
Description	Overall dim. L x W x H	Ref. no.	Ref. no.
	mm		
without worktop	1100 x 624 x 850	10-12670	10-12672
with worktop	1100 x 700 x 880	10-12671	10-12673



## Workbenches, type 2

	colour	galvanised	RAL 5010 Gentian blue	
Description	Overall dim. L x W x H	Ref. no.	Ref. no.	
	mm			
without worktop	2100 x 624 x 850	10-12674	10-12676	
with worktop	2100 x 700 x 880	10-12675	10-12677	



## Workbenches, type 3

	colour	galvanised	RAL 5010 Gentian blue
Description	Overall dim. L x W x H	Ref. no.	Ref. no.
	mm		
with 2-piece worktop	3200 x 700 x 880	10-12679	10-12681
without worktop	3100 x 624 x 850	10-12678	10-12680



## Workbenches, with worktop

- 3 frames
- 6 stiffening beams
- 4 steel shelves
- 25 mm thick multiplex worktop
- Framework galvanised

Description	Overall dim. L x W x H	Colour	Ref. no.
	mm		
with worktop	2100 x 700 x 872	galvanised	10-12682

# **WORKSTATION SYSTEMS**

# Workstation systems

## Accessories









A Additional shelves

B Rear upstands

Hinged doors

D Drawer blocks







Individual drawers

Side cladding for workbenches

G Back cladding for workbenches

Pos.	Description		Colour	Dimensions	Ref. no.	
				mm		
A	Additional shelves	load capacity 100 kg, shelf height 40 mm, with shelf perforations for dividers, supplied with 4 shelf clips	galvanised	L 1000 x W 600	10-17066	
B	Rear upstands	beechwood laminate, worktop with rear upstand, clear height of rear upstand 70 mm, supplied with fixing material	natural colour	W 1094 x H 100	10-6781	₿
			natural colour	W 2100 x H 100	10-6782	
G	Hinged doors	width 1000 mm, can be retro-fitted, all components epoxy-coated in light grey, RAL 7035, supplied with 2 or 3 door pivots, double door with flush fitting turn handle, safety lock and 2 keys (3-point locking mechanism)	RAL 7035 Light grey	W 1000 x H 500	10-29954	
D	Drawer blocks	with beams and safety pins, painted in light grey, RAL 7035, useful drawer heights 60/100/140 mm, full width handle with label, cylinder lock complete with 2 keys, supplied with cradle for suspension files, load capacity/drawer 80 kg	RAL 7035 Light grey	W 576 x H 425 x D 610	10-15803	$\approx$
<b>(3</b>	Individual drawers	painted in light grey, RAL 7035, ball bearing castors, full width handle from aluminium with label, cylinder lock complete with 2 keys	RAL 7035 Light grey	W 475 x H 128 x D 526	44-15802	
A	Side cladding for	solid steel sheet panel, supplement per frame, supplied pre-as-	galvanised	W 600 x H 850	10-15806	
	workbenches	sembled, supplied with fixing clips	RAL 5010 Gentian blue	W 600 x H 850	10-15807	
G	Back cladding for	solid steel sheet panel, easy to assemble without bolts, supplied	galvanised	W 1000 x H 850	14-13060	
	workbenches	with fixings	RAL 5010 Gentian blue	W 1000 x H 850	14-13061	



## **Storage benches**

Classic Line



- Robust construction from high grade thin steel sheet
- With environmentally friendly quality powder coating: framework and housing in anthracite grey RAL 7016, drawer fronts in light grey RAL 7035
- Theft-proof central locking mechanism with cylinder lock with 2 keys, also available with combination lock
- Fully extractable drawers on self-closing, ball bearing drawer runners, drawer load capacity 80 kg each, inside drawer dimensions 500 x 450 mm
- Supplied with ready-mounted full width aluminium handles
- 40 mm worktops manufactured from beechwood laminate, sealed with several coats of clear, water resistant varnish
- Levelling feet with gliders for compensating floor unevenness
- Other configurations and divider options upon request



#### Heavy duty workbenches, Classic Line, width 1500 mm

Supplied ready-mounted for immediate use

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 1 half-depth shelf / right: 4 drawers, 1 x 75 mm, 1 x 100 mm, 1 x 150 mm, 1 x 175 mm	960	600	40	800	15-45580



#### Heavy duty workbenches, Classic Line, width 1500 mm

Supplied ready-mounted for immediate use

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 4 drawers, 1 x 75 mm, 1 x 100 mm, 1 x 150 mm, 1 x 175 mm / right: 4 drawers, 1 x 75 mm, 1 x 100 mm, 1 x 150 mm, 1 x 175 mm	960	600	40	800	15-45581



#### Heavy duty workbenches, Classic Line, width 2000 mm

Supplied ready-mounted for immediate use

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 1 half-depth shelf / right: 4 drawers, 1 x 75 mm, 1 x 100 mm, 1 x 150 mm, 1 x 175 mm	960	600	40	800	15-45582



## Heavy duty workbenches, Classic Line, width 2000 mm

Supplied ready-mounted for immediate use

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 4 drawers, 1 x 75 mm, 1 x 100 mm, 1 x 150 mm, 1 x 175 mm / middle: 1 half-depth shelf / right: 4 drawers, 1 x 75 mm, 1 x 100 mm, 1 x 150 mm, 1 x 175 mm	960	600	40	800	15-45583



## Heavy duty workbenches, Classic Line, width 2000 mm

■ Supplied ready-mounted for immediate use

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 3 drawers, 2 x 150 mm, 1 x 200 mm / middle: 4 drawers, 2 x 100 mm, 2 x 150 mm / right: 1 hinged door 500 mm	960	600	40	800	15-45584



## Heavy duty workbenches, Classic Line, width 2000 mm

■ Supplied ready-mounted for immediate use

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 4 drawers, 2 x 100 mm, 2 x 150 mm / middle: 3 drawers, 2 x 150 mm, 1 x 200 mm / right: 4 drawers, 2 x 100 mm, 2 x 150 mm	960	600	40	800	15-45585



# Modular workbenches, Classic Line, width 2000 mm, 2 drawer blocks, width 600 mm each

Supplied unassembled to allow customisable configuration

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 7 drawers 100 mm / right: 5 drawers, 1 x 50 mm, 3 x 150 mm, 1 x 200 mm	860	600	40	1500	15-45587
left: 8 drawers 100 mm / right: 6 drawers, 1 x 50 mm, 1 x 100 mm, 3 x 150 mm, 1 x 200 mm	960	600	40	800	15-45586





# Storage benches Classic Line



## Modular workbenches, Classic Line, width 2000 mm, 1 drawer block, width 700 mm

- Supplied unassembled to allow customisable configuration
- Inside drawer dimensions 600 x 450 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: square tubed framework / right: 7 drawers 100 mm	860	600	40	1000	15-45588



## Mobile workbenches, Classic Line, width 1300 mm

Supplied ready-mounted for immediate use

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
4 swivel castors Ø 125 mm, 2 with brake left: 2 laminate shelf levels 600 x 570 x 25 mm right: 4 drawers, 2 x 100 mm, 2 x 150 mm	960	600	25	400	15-45589





## **Storage benches**

#### **Premium Line**

- Robust construction from square tubed profiles 40 x 40 x 2 mm, housing from high grade steel sheet load capacity up to 1200 kg
- Supplied ready-mounted for immediate use
- With environmentally friendly quality powder coating: framework and housing in light grey RAL 7035, drawer fronts in light blue RAL 5012
- Theft-proof central locking mechanism with cylinder lock with 2 keys, also available with combination lock
- Fully extractable drawers on ball bearing drawer runners, load capacity 50 kg for drawers with a front height of 50 mm, 100 kg for drawers with a front height from 75 mm, 180 kg for drawers with a front height from 100 mm
- Drawer inserts upon request
- 40 mm worktops manufactured from beechwood laminate, sealed with several coats of clear, water resistant varnish
- Levelling feet with gliders for compensating floor unevenness





## Heavy duty workbenches, Premium Line, width 1500/2000 mm

■ Inside drawer dimensions 450 x 600 mm

Description	Width	Height	Depth	Worktop thickness	Load capa- city	Ref. no.
	mm	mm	mm	mm	kg	
left: 1 half-depth shelf / right:	1500	859	750	40	1000	15-45590
3 drawers, 3 x 200 m	2000	859	750	40	1000	15-45591



## Heavy duty workbenches, Premium Line, width 1500 mm

■ Inside drawer dimensions 600 x 600 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
links: 4 drawers, 2 x 100 mm, 2 x 200 mm / right: 1 door 600 mm, 1 shelf	859	750	40	1000	15-45592



#### Heavy duty workbenches, Premium Line, width 1500 mm

■ Inside drawer dimensions 600 x 600 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 3 drawers, 3 x 200 mm / right: 4 drawers, 4 x 150 mm	859	750	40	1000	15-45593













## Heavy duty workbenches, Premium Line, width 1500 mm

Inside drawer dimensions 450 x 600 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 3 drawers, 3 x 200 mm / right: 3 drawers, 3 x 200 mm	859	750	40	1000	15-45594



## Heavy duty workbenches, Premium Line, width 2000 mm

■ Inside drawer dimensions 450 x 600 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 4 drawers, 1 x 50 mm, 1 x 150 mm, 2 x 200 mm / right: 1 drawer, 1 x 150 mm, 1 x door 450 mm	859	750	40	1000	15-45595



## Heavy duty workbenches, Premium Line, width 2000 mm

■ Inside drawer dimensions 450 x 600 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 3 drawers, 3 x 200 mm / right: 3 drawers, 3 x 200 mm	859	750	40	1000	15-45596



## Heavy duty workbenches, Premium Line, width 2000 mm

■ Inside drawer dimensions 600 x 600 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 3 drawers, 3 x 200 mm / middle: 2 shelves 300 mm / right: 4 drawers, 4 x 150 mm	859	750	40	1000	15-45597

## BIT

## Heavy duty workbenches, Premium Line, width 2000 mm

■ Inside drawer dimensions 450 x 600 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left: 5 drawers, 3 x 100 mm, 2 x 150 mm / middle: 3 drawers, 3 x 200 mm / right: 4 drawers, 2 x 75 mm, 1 x 150 mm, 1 x 300 mm	859	750	40	1000	15-45598



## Heavy duty workbenches, Premium Line, width 2500 mm

■ Inside drawer dimensions 450 x 600 mm

Description	Height	Depth	Worktop thick- ness	Load capacity	Ref. no.
	mm	mm	mm	kg	
left end: 1 door 600 mm, 1 x shelf / middle left: 5 drawers, 1 x 50 mm, 1 x 100 mm, 3 x 150 mm / middle right: 3 drawers, 3 x 200 mm / right end: 2 drawers, 2 x 300 mm	859	750	40	1000	15-45599







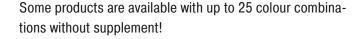
## Designed for neat and tidy storage!







The range stretches from cupboards providing many options for subdivision with shelves, partitions and compartments over multi-purpose cupboards fitted with sliding or clear view doors, storage benches in many variations to garment lockers and cloakroom units.







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Utility cupboards
with hinged double door, 110° opening angle

- Strong steel construction with scratch resistant and UV resistant coating
- Reinforced doors provide extra strength
- Flush-fitting round grip operating a three point locking mechanism, complete with 2 keys
- Shelf load 50 kg, shelf levels are adjustable on a 30 mm pitch
- Competitively priced all-purpose cupboard from high quality steel a must have for your warehouse, storage area, workshop or office





## With hinged double door with 110° opening angle

Colour housing	Colour doors	Width	Height	Depth	Number of shelves	Number of doors	Ref. no.
		mm	mm	mm			
RAL 7035 Light grey	RAL 5012 Light blue	940	1950	400	4	2	13-38400
	RAL 7035 Light grey	940	1950	400	4	2	13-20057
Shelf levels	galvanised	925	24	352	1		13-20437

## **Utility cupboards**

with hinged double door, 110° opening angle

- Strong steel construction with scratch resistant and UV resistant coating
- Reinforced doors provide extra strength
- Excellent wear and tear resistance and user friendliness, easy-tooperate Ergo-Lock with handle, cylinder lock and 2 keys (3-point locking mechanism)
- Shelf load 70 kg, shelf levels are adjustable on a 15 mm pitch, galvanised finish
- Integral plastic glide feet protect floors and cabinets
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost



3-point lock



Please specify at time of order:

Colour HOUSING: RAL ... Colour DOORS: RAL ...

RAL 5010 RAL 3000 RAL 5012 RAL 6011 RAL 7035

The indicated RAL colours for housing and doors can be combined to your choice.

Orders without colour specification will be supplied in light grey, RAL 7035.

## With hinged double door, 110° opening angle

Dimensions W x H	Depth	Number of shelves	Number of doors	Ref. no.
mm	mm			
500 x 1950	400	4	1	13-20722
	500	4	1	13-20724
700 x 1950	400	4	2	13-20726
	500	4	2	13-20728
930 x 1950	400	4	2	13-20474
	500	4	2	13-20476
	600	4	2	13-20478
	800	4	2	13-47770
1200 x 1950	400	4	2	13-20480
	500	4	2	13-20482
	600	4	2	13-20484
	800	4	2	13-47772



#### **Accessories**

Description		Suited for a cabinet depth of	Suited for a cabinet width of	Load cap. per drawer	Ref. no.
				kg	
Shelf levels	f levels durable steel construction, supplied with 4 shelf clips 40		500	70	13-20723
			700	70	13-20727
			930	70	13-20475
			1200	70	13-20481
		500	500	70	13-20725
			700	70	13-20729
			930	70	13-20477
			1200	70	13-20483
		600	930	70	13-20479
			1200	70	13-20485
	very deep for bulky goods, durable steel construction,	800	930	70	13-47771
	supplied with 4 shelf clips		1200	70	13-47773





## **Utility cupboards**

with hinged double door, 180° opening angle, suited for high load capacities



- Strong steel construction with scratch resistant and UV resistant coating
- Reinforced doors provide extra strength
- Excellent wear and tear resistance and user friendliness, easy-tooperate Ergo-Lock with handle, cylinder lock and 2 keys (3-point locking
- Shelf load 110 kg, shelf levels are adjustable on a 15 mm pitch, load capacity of cupboard 700 kg
- Integral plastic glide feet protect floors and cabinets
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost







3-point lock

## With hinged double door, 180° opening angle, suited for high load capacities

Dimensions W x H	Depth	Number of shelves	Number of doors	Ref. no.
mm	mm			
500 x 1950	400	4	1	13-47803
	500	4	1	13-47804
930 x 1950	400	4	2	13-47805
	500	4	2	13-47806
	600	4	2	13-47807
	800	4	2	13-47808
1200 x 1950	400	4	2	13-47809
	500	4	2	13-47810
	600	4	2	13-47811
	800	4	2	13-47812



#### **Accessories**

Description		ion Suited for a cabinet depth of		Load cap. per drawer	Ref. no.
				kg	
Shelf levels	durable steel	400	500	110	13-47813
construction,		930	110	13-47815	
	supplied with 4 shelf clips		1200	110	13-47819
		500	500	110	13-47814
		930	110	13-47816	
			1200	110	13-47820
	600	930	110	13-47817	
		1200	110	13-47821	
	800	930	110	13-47818	
			1200	110	13-47822



## **Utility cupboards**

with hinged double door, 180° opening angle, and viewing windows

- Strong steel construction with scratch resistant and UV resistant coating
- Save time and money doors with 3 mm acrylic glass windows allow immediate product identification
- Reinforced doors provide extra strength, concealed locking bars
- Excellent wear and tear resistance and user friendliness, easy-tooperate Ergo-Lock with handle, cylinder lock and 2 keys (3-point locking mechanism)
- Shelf load 70 kg, shelf levels are adjustable on a 15 mm pitch
- Integral plastic glide feet protect floors and cabinets
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost







Please specify at time of order:

Colour HOUSING: RAL ... Colour DOORS: RAL ...

RAL 5010 RAL 3000 RAL 5012 RAL 6011 RAL 7035

The indicated RAL colours for housing and doors can be combined to your choice.

Orders without colour specification will be supplied in light grey, RAL 7035.



3-point lock

## With hinged double door, 180° opening angle, and viewing windows

Dimensions W x H	Depth	Number of shelves	Number of doors	Ref. no.
mm	mm			
500 x 1950	400	4	1	13-47833
	500	4	1	13-47834
700 x 1950	400	4	2	13-47835
	500	4	2	13-47836
930 x 1950	400	4	2	13-47837
	500	4	2	13-47838
	600	4	2	13-47839
	800	4	2	13-47840
1200 x 1950	400	4	2	13-47841
	500	4	2	13-47842
	600	4	2	13-47843
	800	4	2	13-47844



## **Accessories**

Description		Suited for a cabinet depth of	Suited for a cabinet width of	Load cap. per drawer	Ref. no.
				kg	
Shelf levels	durable steel construction,	400	500	70	13-20723
supplied with 4 shelf clips	supplied with 4 shelf clips		700	70	13-20727
			930	70	13-20475
		1200	70	13-20481	
	500	500	70	13-20725	
		700	70	13-20729	
			930	70	13-20477
		1200	70	13-20483	
	600	930	70	13-20479	
		1200	70	13-20485	
	very deep for bulky goods,	800	930	70	13-47771
	durable steel construction, supplied with 4 shelf clips		1200	70	13-47773





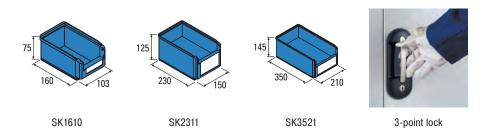


with hinged double door, 110° opening angle, and bins

For highest demands in trade and industry!

- Strong steel construction with scratch resistant and UV resistant coating
- Reinforced doors provide extra strength
- Excellent wear and tear resistance and user friendliness, easy-tooperate Ergo-Lock with handle, cylinder lock and 2 keys (3-point locking mechanism)
- Shelf load 70 kg, shelf levels are adjustable on a 15 mm pitch
- Integral plastic glide feet protect floors and cabinets
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost





## With hinged double door, 110° opening angle, and bins

Shelf load capacity 70 kg

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
mm				
700 x 1690 x 300	11	60	36 x SK1610 red (160 x 103 x 75 mm) 24 x SK2311 blue (230 x 150 x 125 mm)	13-20461



#### With hinged double door, 110° opening angle, and bins

■ Shelf load capacity 70 kg

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
mm				
700 x 1690 x 300	14	90	42 x SK1610 red (160 x 103 x 75 mm) 48 x SK1610 blue (160 x 103 x 75 mm)	13-20460





## With hinged double door, 110° opening angle, and bins

■ Shelf load capacity 70 kg

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
mm				
1000 x 1980 x 420	11	72	48 x RK3109 blue (300 x 117 x 90 mm) 12 x SK3521 red (350 x 210 x 145 mm) 12 x SK3521 blue (350 x 210 x 145 mm)	13-20466



## With hinged double door, 110° opening angle, and bins

■ Shelf load capacity 70 kg

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
mm				
1000 x 1980 x 420	9	40	20 x SK3521 red (350 x 210 x 145 mm) 20 x SK3521 blue (350 x 210 x 145 mm)	



## With hinged double door, 110° opening angle, and bins

■ Shelf load capacity 70 kg

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
mm				
1000 x 1980 x 420	12	72	40 x RK3109 blue (300 x 117 x 90 mm) 16 x RK3209 blue (300 x 234 x 90 mm) 16 x RK3214 blue (300 x 234 x 140 mm)	13-20467

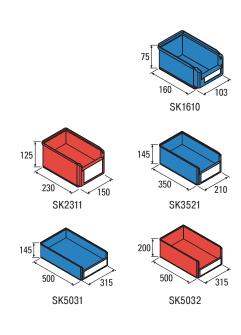


with hinged double door, 180° opening angle, drawers and bins

Plenty of room for small parts and components

- Strong steel construction with scratch resistant and UV resistant coating
- 2 doors on exterior door hinges, 180° opening, reinforced doors for extra strength
- Excellent wear and tear resistance and user friendliness, easy-tooperate Ergo-Lock with handle, cylinder lock and 2 keys (3-point locking mechanism)
- Shelf load 70 kg, load capacity of short shelves 50 kg, shelf levels are adjustable on a 15 mm pitch, drawer load capacity approx. 50 kg, galvanised finish
- Integral plastic glide feet protect floors and cabinets
- Reinforced doors with integrated louvre panel provide additional storage
- Supplied with storage bins providing excellent product visibility and convenient handling
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost





#### With hinged double door, 180° opening angle, and bins

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
mm				
1100 x 1950 x 535	9	92	40 x SK1610 blue (160 x 103 x 75 mm) 28 x SK2311 red (230 x 150 x 125 mm) 15 x SK3521 blue (250 x 210 x 145 mm) 9 x SK5032 red (500 x 315 x 200 mm)	13-20462



## With hinged double door, 180° opening angle, and bins

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
1100 x 1950 x 535	9	106	56 x SK1610 red (160 x 103 x 75 mm) 35 x SK2311 blue (230 x 150 x 125 mm) 6 x SK5031 red (500 x 315 x 145 mm) 9 x SK5032 blue (500 x 315 x 200 mm)	



## With hinged double door, 180° opening angle, drawers and bins

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
mm				
1100 x 1950 x 535	7	83	3 x telescopic drawers 40 x SK1610 blue (160 x 103 x 75 mm) 28 x SK2311 red (230 x 150 x 125 mm) 15 x SK3521 blue (250 x 210 x 145 mm)	13-20468



# With hinged double door, $180^{\circ}$ opening angle, drawers and bins

Outside dimensions W x H x D	Number of shelves	Number of bins	Features	Ref. no.
mm				
1100 x 1950 x 535	7	97	3 x telescopic drawers 56 x SK1610 red (160 x 103 x 75 mm) 35 x SK2311 blue (230 x 150 x 125 mm) 6 x SK5031 red (500 x 315 x 145 mm)	13-20469



## Janitorial, garment and file lockers

with hinged double door, 110° opening angle







Cylinder lock complete with 2 keys that lock both doors for secure storage





#### **BITO** info

Please specify at time of order:

Colour HOUSING: RAL ... Colour DOORS: RAL ...

RAL 5010 RAL 3000 RAL 5012 RAL 6011 RAL 7035

The indicated RAL colours for housing and doors can be combined to your choice.

Orders without colour specification will be supplied in light grey, RAL 7035.

## Janitorial lockers, with hinged double door, 110° opening angle

- Reduced height centre partition
- Left side: 4 height adjustable shelves allowing optimum use of space
- Right side: full height compartment with 1 garment rail and 3 push-along hooks
- Smooth and snag-free surfaces allow easy cleaning
- Doors louvres to provide air ventilation

Dimensions W x H x D	Number of doors	Ref. no.
mm		
600 x 1850 x 500	2	13-35733



#### Janitorial lockers, with hinged double door, 110° opening angle

- Full height centre partition
- Left side: 4 height adjustable shelves allowing optimum use of space
- Right side: 1 fitted shelf, 1 garment rail and 3 push-along hooks
- Smooth and snag-free surfaces allow easy cleaning

Dimensions W x H x D	Number of doors	Ref. no.
mm		
1000 x 1950 x 500	2	13-35734
1000 x 1950 x 600	2	13-35735





# Garment lockers/File lockers, with hinged double door, 110° opening angle

- Full height centre partition
- Left side: 4 fitted shelves
- Right side: full height compartment with 1 garment rail and 3 push-along hooks
- Smooth and snag-free surfaces allow easy cleaning
- Doors louvres to provide air ventilation

Dimensions W x H x D	Number of doors	Ref. no.
mm		
600 x 1850 x 500	2	13-35730

# Garment lockers/File lockers, with hinged double door, 110° opening angle

- Full width fitted hat shelf on top, centre partition underneath
- Left side: 3 height adjustable shelves allowing optimum use of space
- Right side: 1 garment rail and 3 push-along hooks
- Smooth and snag-free surfaces allow easy cleaning

Dimensions W x H x D	Number of doors	Ref. no.
mm		
1000 x 1950 x 500	2	13-35731
1000 x 1950 x 600	2	13-35732



## Cabinets for environmentally hazardous goods

with hinged double door, 110° opening angle





3-point lock

- Strong steel construction with scratch resistant and UV resistant coating
- Professional storage of fertilizers, oils, fats, small amounts of diluents etc. (not suited for acids or alkalis) to avoid high costs of dealing with leak
- Spill trays with leak-tight welded seams in compliance with the relevant safety regulations
- Doors louvres to provide air ventilation
- Reinforced doors provide extra strength
- Excellent wear and tear resistance and user friendliness, easy-tooperate Ergo-Lock with handle, cylinder lock and 2 keys (3-point locking mechanism)
- Load capacity per tray shelf 80 kg, shelf levels are height adjustable on a 15 mm pitch
- Integral plastic glide feet protect floors and cabinets
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost



#### With hinged double door, 110° opening angle, and galvanised shelf levels

Dimensions W x H	Depth	Number of tray shelves	Number of doors	Ref. no.
mm	mm			
500 x 1950	500	4	1	13-47855
930 x 1950	500	4	2	13-47856



## With hinged double door, 110° opening angle, and polythylene shelf levels

Dimensions W x H	Depth	Number of tray shelves	Number of doors	Ref. no.
mm	mm			
500 x 1950	500	4	1	13-47857
930 x 1950	500	4	2	13-47858



## **Utility cupboards**

## with sliding doors

- Strong steel construction with scratch resistant and UV resistant coating
- Ideal if space is limited, since sliding doors do not need extra space to open
- Smooth-running sliding doors on special rail-guided rollers
- Ergonomic metal handles, central locking mechanism with lock-down cylinder lock and 2 keys
- Shelf load 70 kg, shelf levels are adjustable on a 15 mm pitch
- Integral plastic glide feet protect floors and cabinets
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost







Please specify at time of order:

Colour HOUSING: RAL ... Colour DOORS: RAL ...

RAL 5010 RAL 3000 RAL 5012 RAL 6011 RAL 7035

The indicated RAL colours for housing and doors can be combined to your choice.

Orders without colour specification will be supplied in light grey, RAL 7035.



#### With sliding doors

Dimensions W x H	Depth	Number of shelves	Number of doors	Ref. no.
mm	mm			
1200 x 1950	400	4	2	13-47869
	500	4	2	13-47870
	600	4	2	13-47871
1600 x 1950	400	8	2	13-47872
	500	8	2	13-47873
	600	8	2	13-47874

#### **Accessories**

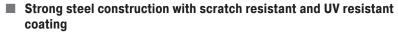
Description	Suited for a cabinet depth of	Suited for a cabinet width of	Load cap. per drawer	Ref. no.
			kg	
Shelf levels	400	1200	70	13-47875
		1600	70	13-47878
	500	1200	70	13-47876
		1600	70	13-47879
	600	1200	70	13-47877
		1600	70	13_47880



## **Utility cupboards**

with heavy duty sliding doors





- Ideal if space is limited, since sliding doors do not need extra space to
- Smooth-running sliding doors on special rail-guided rollers
- Ergonomic metal handles, central locking mechanism with lock-down cylinder lock and 2 keys
- Shelf load 110 kg, shelf levels are adjustable on a 15 mm pitch, load capacity of cupboard 700 kg
- Integral plastic glide feet protect floors and cabinets
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost





## With heavy duty sliding doors

Dimensions W x H	Depth	Number of shelves	Number of doors	Ref. no.
mm	mm			
1200 x 1950	500	4	2	13-47905
1600 x 1950	500	8	2	13-47906



#### **Accessories**

Description	Suited for a cabinet depth of	Suited for a cabinet width of	Load cap. per drawer	Ref. no.
			kg	
Shelf levels	500	1200	110	13-47907
		1600	110	13-47908



## **Utility cupboards**

with sliding doors and windows

- Strong steel construction with scratch resistant and UV resistant coating
- Ideal if space is limited, since sliding doors do not need extra space to open
- Save time and money doors with 3 mm acrylic glass windows allow immediate product identification
- Smooth-running sliding doors on special rail-guided rollers
- Ergonomic metal handles, central locking mechanism with lock-down cylinder lock and 2 keys
- Shelf load 70 kg, shelf levels are adjustable on a 15 mm pitch
- Integral plastic glide feet protect floors and cabinets
- Housing and doors in light grey, RAL 7035, other colour combinations can be supplied at no extra cost



#### i BITO info

Please specify at time of order:

Colour HOUSING: RAL ... Colour DOORS: RAL ...

RAL 5010 RAL 3000 RAL 5012 RAL 6011 RAL 7035

The indicated RAL colours for housing and doors can be combined to your choice

Orders without colour specification will be supplied in light grey, RAL 7035.

## With sliding doors and windows

Dimensions W x H	Depth	Number of shelves	Number of doors	Ref. no.
mm	mm			
1200 x 1950	400	4	2	13-47913
	500	4	2	13-47914
	600	4	2	13-47915
1600 x 1950	400	8	2	13-47916
	500	8	2	13-47917
	600	8	2	13-47918

#### **Accessories**

Description	Suited for a cabinet depth of	Suited for a cabinet width of	Load cap. per drawer	Ref. no.
			kg	
Shelf levels	400	1200	70	13-47875
		1600	70	13-47878
	500	1200	70	13-47876
		1600	70	13-47879
	600	1200	70	13-47877
		1600	70	13-47880



NEW

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## **Cube lockers**

## on high base





- Strong steel construction with high grade powder coating in light grey, RAL 7035. Other colour combinations can be supplied at no extra cost
- Doors are flush closing with cabinet surface, available as full sheet option or with viewing window (see accessories)
- Cylinder lock complete with 2 keys or cam lock for customer-fitted padlock
- Increased protection for valuable items optionally available with lock
- Smooth surfaces for easy cleaning
- Extra units with customised subdivision can be added at any time
- 500 mm deep







Cylinder lock complete with 2 keys

Cam lock for customer-fitted padlock

## **BITO** info Please specify at time of order: Colour HOUSING: RAL ... Colour DOORS: RAL ... RAL 5010 RAL 3000 RAL 5012 RAL 6011 RAL 7035 The indicated RAL colours for housing and doors can be combined to your Orders without colour specification will be supplied in light grey, RAL 7035.

#### Compartment width 300 mm

■ 500 mm deep

					Lock type	Cam lock for padlocks with a shackle diameter of 7 mm	Cylinder lock complete with 2 keys
Width	Height	Total number of compart-ments	Number of compartments in a row	Number of compartments in height	Features	Ref. no.	Ref. no.
mm	mm						
330	1850	5	1	5		13-35622	13-35609
630	855	4	2	2		13-35663	13-35654
	1187	6	2	3		13-35666	13-35657
	1518	8	2	4		13-35669	13-35660
	1850	4	2	2	each compartment is supplied with 1 garment rail and 3 push-along hooks	13-35613	13-35600
		6	2	3		13-35616	13-35603
		8	2	4		13-35619	13-35606
		10	2	5		13-35623	13-35610
930	855	6	3	2		13-35664	13-35655
	1187	9	3	3		13-35667	13-35658
	1518	12	3	4		13-35670	13-35661
	1850	6	3	2	each compartment is supplied with 1 garment rail and 3 push-along hooks	13-35614	13-35601
		9	3	3		13-35617	13-35604
		12	3	4		13-35620	13-35607
		15	3	5		13-35624	13-35611
1230	855	8	4	2		13-35665	13-35656
	1187	12	4	3		13-35668	13-35659
	1518	16	4	4		13-35671	13-35662
	1850	8	4	2	each compartment is supplied with 1 garment rail and 3 push-along hooks	13-35615	13-35602
		12	4	3		13-35618	13-35605
		16	4	4		13-35621	13-35608
		20	4	5		13-35625	13-35612

# Cabinets & Cupboards



#### Compartment width 400 mm

■ 500 mm deep

					Lock type	Cylinder lock complete with 2 keys	Cam lock for padlocks with a shackle diameter of 7 mm
Width mm	<b>Height</b>	Total number of compartments	Number of compartments in a row	Number of compartments in height	Features	Ref. no.	Ref. no.
430	1850	5	1	5		13-35635	13-35648
830	855	4	2	2		13-35672	13-35681
	1187	6	2	3		13-35675	13-35684
	1518	8	2	4		13-35678	13-35687
	1850	4	2	2	each compartment is supplied with 1 garment rail and 3 push-along hooks	13-35626	13-35639
		6	2	3		13-35629	13-35642
		8	2	4		13-35632	13-35645
		10	2	5		13-35636	13-35649
1230	855	6	3	2		13-35673	13-35682
	1187	9	3	3		13-35676	13-35685
	1518	12	3	4		13-35679	13-35688
	1850	6	3	2	each compartment is supplied with 1 garment rail and 3 push-along hooks	13-35627	13-35640
		9	3	3		13-35630	13-35643
		12	3	4		13-35633	13-35646
		15	3	5		13-35637	13-35650
1630	855	8	4	2		13-35674	13-35683
	1187	12	4	3		13-35677	13-35686
	1518	16	4	4		13-35680	13-35689
	1850	8	4	2	each compartment is supplied with 1 garment rail and 3 push-along hooks	13-35628	13-35641
		12	4	3		13-35631	13-35644
		16	4	4		13-35634	13-35647
		20	4	5		13-35638	13-35651

#### **Accessories**







B Additional charge for door with mail slot



Additional charge for door with viewing window

Pos.	Description	Dimensions mail slot L x H	Width	For a bay width of	Ref. no.	
			mm	mm	mm	
A	Sloping top	epoxy-coated in light grey RAL 7035, can be retro-fitted as	-	1230	-	13-35728
		required, rear height 200 mm, front height 40 mm	-	1630	-	13-35729
			-	630	-	13-35725
			-	830	-	13-35726
			-	930	-	13-35727
B	Additional charge for door with mail	Doors with mail slot (extra charge)	220 x 10	-	300	13-35652
	slot		250 x 10	-	400	13-35653
C	Additional charge for door with viewing	Doors with viewing window instead of full sheet front (extra	-	300	300	13-35690
wind	window	charge), no viewing window for 1850 mm high cabinets with 2, 3 or 4 tiers	-	400	400	13-35691

#### **Garment lockers**







- Doors are flush fitting, reinforced and have air vents, delivery includes towel hook and framed label holder
- Each compartment is supplied with a fitted hat shelf, a garment rail and 3 push-along hooks
- Smooth, easy-to-clean surfaces
- Fully compliant with the regulations of accident prevention and insurance associations and national health and safety at work acts
- 25 colour combinations without supplement









Cylinder lock complete with 2 keys

Cam lock for customer-fitted padlock



Cabinets for fire fighting equipment on page 149



#### With feet, height 1850 mm

			Lock type	Cylinder lock complete with 2 keys	Cam lock for padlocks with a shackle diame- ter of 7 mm
Number of compartments	Compartment width	Total width	Depth	Ref. no.	Ref. no.
	mm	mm	mm		
2	300	630	500	13-20730	13-20735
	400	830	500	13-20733	13-20738
3	300	930	500	13-20731	13-20736
	400	1230	500	13-20734	13-20739
4	300	1230	500	13-20732	13-20737
	400	1630	500	13-20760	13-20761

## Cabinets & Cupboards



#### On high base, height 1850 mm

			Lock type	Cylinder lock complete with 2 keys	Cam lock for padlocks with a shackle diame- ter of 7 mm
Number of compartments	Compartment width	Total width	Depth	Ref. no.	Ref. no.
	mm	mm	mm		
2	300	630	500	13-20740	13-20745
	400	830	500	13-20743	13-20748
3	300	930	500	13-20741	13-20746
	400	1230	500	13-20744	13-20749
4	300	1230	500	13-20742	13-20747
	400	1630	500	13-20762	13-20763



#### With seating unit, total height 2150 mm

- Height adjustable seating unit with 2 white plastic slats 120 x 30 mm, seating height 430 mm
- Beech wood slats upon request
- Locker depth 500 mm, overall depth 800 mm

			Lock type	Cylinder lock complete with 2 keys	Cam lock for padlocks with a shackle diame- ter of 7 mm
Number of compartments	Compartment width	Total width	Depth	Ref. no.	Ref. no.
	mm	mm	mm		
2	300	630	800	13-20750	13-20755
	400	830	800	13-20753	13-20758
3	300	930	800	13-20751	13-20756
	400	1230	800	13-20754	13-20759
4	300	1230	800	13-20752	13-20757

# 

#### **Accessories**



A Sloping top

Pos.	Description		Width	Ref. no.
			mm	
A Sloping top	Sloping top	epoxy-coated in light grey RAL 7035, can be retro-fitted as	630	13-35725
		required, rear height 200 mm, front height 40 mm	830	13-35726
			930	13-35727
			1230	13-35728
			1630	13-35729

#### **Z-fronted garment lockers**







- Each compartment is supplied with a garment rail and 3 push-along hooks
- Doors are flush closing, reinforced and have air vents

#### **BITO** info

Please specify at time of order:

Colour HOUSING: RAL ... Colour DOORS: RAL ...

#### RAL 5010 RAL 3000 RAL 5012 RAL 6011 RAL 7035

The indicated RAL colours for housing and doors can be combined to your choice.

Orders without colour specification will be supplied in light grey, RAL 7035.







Cylinder lock complete with 2 keys

Cam lock for customer-fitted padlock

#### On high base

500 mm deep

			Lock type	Cam lock for padlocks with a shackle diameter of 7 mm	Cylinder lock complete with 2 keys
Height	Total width	Compartment width	Number of compartments	Ref. no.	Ref. no.
mm	mm	mm			
1850	430	200 / 400	2	13-35716	13-35713
	830	200 / 400	4	13-35717	13-35714
	1230	200 / 400	6	13-35718	13-35715



#### With seating unit

- Beech wood slats upon request
- Seating height 430 mm
- All feet are levelling feet to compensate floor unevenness
- Locker depth 500 mm, overall depth 800 mm

			Lock type	Cam lock for padlocks with a shackle diameter of 7 mm	Cylinder lock complete with 2 keys
Height	Total width	Compartment width	Number of compartments	Ref. no.	Ref. no.
mm	mm	mm			
2100	430	200 / 400	2	13-35722	13-35719
	830	200 / 400	4	13-35723	13-35720
	1230	200 / 400	6	13-35724	13-35721



#### Cabinets & Cupboards

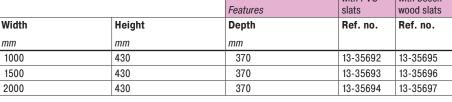


#### **Cloakroom bench seats**

- Square tubed framework 30/2 with levelling feet
- Single sided benches with 3 slats, double sided benches with 6 slats
- Slats available from white PVC (size 120 x 30 mm) or from beech wood (size 120 x 20 mm)
- Framework epoxy-coated in light grey, RAL 7035
- Cloakroom benches can be bolted to each other



		Features	with PVC slats	with beech- wood slats
Width	Height	Depth	Ref. no.	Ref. no.
mm	mm	mm		
1000	430	370	13-35692	13-35695
1500	430	370	13-35693	13-35696
2000	430	370	13-35694	13-35697





single sided with beechwood slats



single sided with PVC slats



double sided with beechwood slats



double sided with PVC slats

#### With coat hook stand

- Seating height 430 mm
- Hidden coat hooks, 4 pcs per running metre

			Features	with PVC slats	with beech- wood slats
Description	Width	Height	Depth	Ref. no.	Ref. no.
	mm	mm	mm		
double sided use	1000	1600	770	13-35704	13-35707
	1500	1600	770	13-35705	13-35708
	2000	1600	770	13-35706	13-35709
single sided use	1000	1600	400	13-35698	13-35701
	1500	1600	400	13-35699	13-35702
	2000	1600	400	13-35700	13-35703

#### **Accessories**

Description			Depth	Ref. no.
		mm	mm	
Shoe racks	Optional extra for cloakroom benches, double sided	1000	300	13-35710
	cloakroom benches require 2 shoe racks	1500	300	13-35711
		2000	300	13-35712













#### **Drawer cabinets**

**Classic Line** 





- Sturdy structure made from top quality thin-rolled sheet metal, load capacity up to 1000 kg
- Top quality epoxy coating produced and applied with eco-friendly methods: housing in anthracite grey, RAL 7016, drawer fronts in light grey, RAL 7035
- Theft-proof central locking mechanism with cylinder lock and 2 keys, optionally with combination lock
- Full width aluminium handles already assembled to drawers
- Galvanised drawers with smooth sides. Insert kits can be added later to suit your needs; dividers can be fitted in 50 mm intervals. This option is available for drawers with a front height of 75 mm or more.
- Supplied with drawer selection mechanism (anti-tilt) to prevent that more than one drawer at a time is pulled out of housing
- Drawers are self-closing, fully extractable and run on ball-bearing slides. Load capacity 30 kg for drawers with a 50 mm drawer front, 80 kg for drawers with a front height of 75 mm or more.
- Other variations and drawer inserts upon request.



#### Classic Line, width 600 mm

			Depth	5/5 mm
Pos.	Height	Number of drawers/doors	Height of drawer block/door	Ref. no.
	mm			
A	620	5	5 x 100 mm	13-45500
B	820	5	1 x 50 mm 3 x 150 mm 1 x 200 mm	13-45501
G	920	8	8 x 100 mm	13-45503
D	1020	7	1 x 50 mm 2 x 100 mm 3 x 150 mm 1 x 200 mm	13-45502





#### Classic Line, width 700 mm

			Depth	575 mm
Pos.	Height	Number of drawers/doors	Height of drawer block/door	Ref. no.
	mm			
A	620	5	5 x 100 mm	13-45504
В	820	5	1 x 50 mm 3 x 150 mm 1 x 200 mm	13-45505
<b>©</b>	920	6	1 x 50 mm 1 x 100 mm 3 x 150 mm 1 x 200 mm	13-45506
D	1020	9	9 x 100 mm	13-45507



#### Classic Line, width 900 mm

			Depth	575 mm
Pos.	Height	Number of drawers/doors	Height of drawer block/door	Ref. no.
	mm			
A	820	7	7 x 100 mm	13-45508
В	920	8	8 x 100 mm	13-45509
•	1020	7	1 x 50 mm 2 x 100 mm 3 x 150 mm 1 x 200 mm	13-45510
0	1220	8	1 x 50 mm 2 x 100 mm 3 x 150 mm 2 x 200 mm	13-45511

#### **Drawer cabinets**

**Premium Line** 





- Sturdy structure made from top quality thin-rolled sheet metal, load capacity up to 1500 kg
- Top quality epoxy coating produced and applied with eco-friendly methods, housing in light grey RAL 7035, drawer fronts in light blue RAL 5012
- Theft-proof central locking mechanism with cylinder lock and 2 keys, optionally with combination lock
- Recessed full width aluminium handles sitting flush with cabinet front
- Epoxy-coated drawers, inner sides slotted on a 25 mm pitch for fast and easy divider fitting, many fitting options to suit your requirements
- Supplied with drawer selection mechanism (anti-tilt) to prevent that more than one drawer at a time is pulled out of housing
- Fully extractable drawers on roller bearings, drawers with a front height of 50 mm have a load capacity of 50 kg, 100 kg for drawers with a front height of 75 mm or more and 180 kg for drawers with a front height of 100 mm or
- Other variations and drawer inserts upon request.





#### Premium Line, width 705 mm

			Depth	/36 mm
Pos.	Height	Number of drawers/doors	Height of drawer block/door	Ref. no.
	mm			
A	1019	6	1 x 75 mm 1 x 125 mm 2 x 150 mm 2 x 200 mm	13-45512
В	1019	7	1 x 75 mm 2 x 100 mm 1 x 125 mm 2 x 150 mm 1 x 200 mm	13-45513
<b>©</b>	1019	8	2 x 75 mm 4 x 100 mm 1 x 150 mm 1 x 200 mm	13-45514
O	1019	9	9 x 100 mm	13-45515



#### **Configuration options for drawer cabinets**

#### Housing for drawer cabinets, Premium Line, width 705 mm

Overall height = useful height + 119 mm

		Depth	736 mm
Useable height	Height	Width	Ref. no.
mm	mm	mm	
400	519	705	13-45516
600	719	705	13-45517
700	819	705	13-45518
900	1019	705	13-45519
1200	1319	705	13-45520
1400	1519	705	13-45521

Customise your drawer cabinet by selecting cabinet height, drawer height, drawer slides and load capacity.

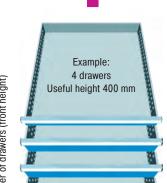
Drawers with different slide types and load capacities can be combined in one cabinet.



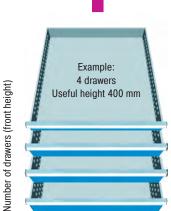
#### Example: Useful height 400 mm Ref.no. 13-45516







Front heights: 50 mm 100 mm 100 mm 150 mm







Example:

Housing: 1x 13-45516

Drawers: 1x 13-45522, 2x 13-45524, 1x13-45526

#### Individual drawers, Premium Line, width 600 mm

■ 600 x 600 mm, fully extractable

**BITO** info

Load capacity	Front height	Filling height	Useable height	Ref. no.
kg	mm	mm	mm	
50	50	28 mm	30	13-45522
100	75	56 mm	58	13-45523
	100	81 mm	83	13-45524
	125	81 mm	108	13-45525
	150	131 mm	133	13-45526
	175	131 mm	158	13-45527
	200	181 mm	183	13-45528
	250	181 mm	233	13-45529
	300	181 mm	283	13-45530
180	100	81 mm	83	13-45531
	125	81 mm	108	13-45532
	150	131 mm	133	13-45533
	175	131 mm	158	13-45534
	200	181 mm	183	13-45535
	250	181 mm	233	13-45536
	300	181 mm	283	13-45537
300	100	81 mm	83	13-45538
	125	81 mm	108	13-45539
	150	131 mm	133	13-45540
	175	131 mm	158	13-45541
	200	181 mm	183	13-45542
	250	181 mm	233	13-45543
	300	181 mm	283	13-45544

#### **Drawer cabinets**

**Premium Line** 







- Sturdy structure made from top quality thin-rolled sheet metal, load capacity up to 1500 kg
- Top quality epoxy coating produced and applied with eco-friendly methods, housing in light grey RAL 7035, drawer fronts in light blue RAL 5012
- Theft-proof central locking mechanism with cylinder lock and 2 keys, optionally with combination lock
- Recessed full width aluminium handles sitting flush with cabinet front
- Epoxy-coated drawers, inner sides slotted on a 25 mm pitch for fast and easy divider fitting, many fitting options to suit your requirements
- Supplied with drawer selection mechanism (anti-tilt) to prevent that more than one drawer at a time is pulled out of housing
- Fully extractable drawers on roller bearings, drawers with a front height of 50 mm have a load capacity of 50 kg, 100 kg for drawers with a front height of 75 mm or more and 180 kg for drawers with a front height of 100 mm or
- Other variations and drawer inserts upon request.











#### Premium Line, width 1005 mm

			Depth	736 mm
Pos.	Height	Number of drawers/doors	Height of drawer block/door	Ref. no.
	mm			
A	1019	6	2 x 100 mm 2 x 150 mm 2 x 200 mm	13-45545
В	1019	7	1 x 50 mm 2 x 100 mm 3 x 150 mm 1 x 200 mm	13-45546
•	1019	8	2 x 50 mm 3 x 100 mm 2 x 150 mm 1 x 200 mm	13-45547
0	1319	9	2 x 50 mm 2 x 100 mm 2 x 150 mm 3 x 200 mm	13-45548
<b>3</b>	1519	10	2 x 50 mm 2 x 100 mm 2 x 150 mm 4 x 200 mm	13-45549
6	1519	12	9 x 100 mm 2 x 150 mm 1 x 200 mm	13-45550



#### **Configuration options for drawer cabinets**



#### Housing for drawer cabinets, Premium Line, width 1005 mm

Overall height = useful height + 119 mm

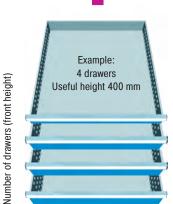
		Depth	736 mm
Useable height	Height	Width	Ref. no.
mm	mm	mm	
400	519	1005	13-45551
600	719	1005	13-45552
700	819	1005	13-45553
900	1019	1005	13-45554
1200	1319	1005	13-45555
1400	1519	1005	13-45556



#### Example: Useful height 400 mm Ref.no. 13-45551











Example:

Housing: 1x 13-45551

Drawers: 1x 13-45557, 2x 13-45559, 1x13-45561

#### **BITO** info

Customise your drawer cabinet by selecting cabinet height, drawer height, drawer slides and load capacity. Drawers with different slide types and load capacities can be combined in one cabinet.

#### Individual drawers, Premium Line, width 900 mm

■ 900 x 600 mm, fully extractable

Load capacity	Front height	Filling height	Useable height	Ref. no.
kg	mm	mm	mm	
50	50	28 mm	30	13-45557
100	75	56 mm	58	13-45558
	100	81 mm	83	13-45559
	125	81 mm	108	13-45560
	150	131 mm	133	13-45561
	175	131 mm	158	13-45562
	200	181 mm	183	13-45563
	250	181 mm	233	13-45564
	300	181 mm	283	13-45565
180	100	81 mm	83	13-45566
	125	81 mm	108	13-45567
	150	131 mm	133	13-45568
	175	131 mm	158	13-45569
	200	181 mm	183	13-45570
	250	181 mm	233	13-45571
	300	181 mm	283	13-45572
300	100	81 mm	83	13-45573
	125	81 mm	108	13-45574
	150	131 mm	133	13-45575
	175	131 mm	158	13-45576
	200	181 mm	183	13-45577
	250	181 mm	233	13-45578
	300	181 mm	283	13-45579



#### Storage and order picking solutions



#### Sustainable and efficient storage and picking systems





The logistics sector is the growth market of the future. Fast material flow, time conscious coordination of each step and lean procedures are key indicators to measure the success of any logistics chain. All these requirements can only be met with cost efficient and reliable storage and handling systems.



When it comes to realising such systems, companies that manufacture all components in their own plant, provide project planning and accompany project realisation have a clear advantage. Companies like BITO.

In-house production of shelving and racking as well as of bins and containers guarantees safe project management through higher transparency and efficiency. Time schedules can be precisely observed, coordination between the departments involved is easier as information paths are shorter.

### Storage and order picking solutions



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#### Multi-tier installations/Mezzanines



#### BITO Multi-tier installations / Mezzanines

Within any warehouse, space utilisation, i.e. floor space taken and height utilised, is key to shelving and racking efficiency.

Shelving – whether used as independent solution or as part of a facility in which different storage techniques are applied - is the perfect system for multi-tier applications.

It solves the problem of limited floor space by adding further tiers to make full use the ceiling height in a building.



#### Multi-tier installations/Mezzanines



#### Your benefits

- Good space utilisation as floor surface multiplies by making best use of warehouse height
- Compact storage of light-weight and medium-weight storage units
- Simultaneous order picking on several tiers reduces order processing times
- Limited investment as the system components of the floor level construction also carry the upper level(s) with shelving and service aisles and/or a mezzanine floor

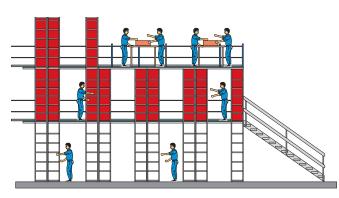
#### **Multi-tier shelving**



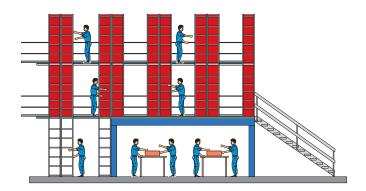
#### **Mezzanine system BBS**



#### Additional working space on the level(s) on top



Additional storage space/working areas on the floor level



**→** 

Further information on this product is provided in our catalogue **PROJECT GUIDE** which is available free of charge. To obtain your copy please send us an email to info@bito.com



#### BITO Carton live storage

# drastic time savings give a boost to pick quantities

Among order picking installations that work according to the operator-to-goods principle, carton live storage is on the increase. Higher investment costs are more than compensated by improvements in efficiency.

Separate aisles for picking and loading avoid operators disturbing each other. Order pickers can rely on the constant availability of goods at the picking face as all storage units move unassisted into the picking position. Straight working aisles allow immediate identification of product lines which need to be re-stocked, thereby improving picking productivity.

Substantially reduced travel times – between 40% to 70% compared to conventional shelving and racking – and reductions in floor space utilisation of up to 30% make BITO carton live storage a very economic solution for almost any storage environment.

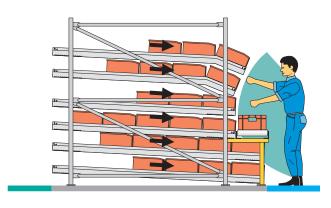


#### Carton live storage systems



#### Your benefits

- High frame load capacities allow to install buffer levels on top for maximum use of headroom
- Automated working processes provide a further increase in efficiency
- Transparent operations and faster response times
- Higher productivity by implementing a fully automated and computer monitored system
- FIFO principle (first in, first out) is strictly observed
- Link-up to warehouse management systems allows permanent inventory control
- Inclined live storage levels make sure that all loads move unassisted to the picking face, even loads with poor travel characteristics



Ergonomically designed picking face

#### Kanban shelving



#### **Automated carton live storage**



#### Carton live storage with buffer stock on top





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# Automated small parts storage and retrievalthe ultimate boost for operational efficiency

Order picking installations based on the goods-to-operator principle are increasingly integrated into total logistic systems. Most common on the market are ASRS systems – automated small parts storage and retrieval systems (BITO type "AKL") with individual locations for bins and trays.

In this market, BITO is one of the few suppliers to provide the racking technology complete with bins, containers and trays.

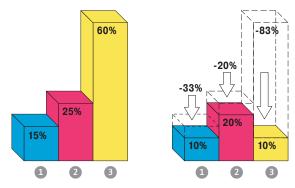


#### Automated small parts storage



#### Your benefits

- Extremely short access times
- Optimum utilisation of available warehouse height with high bay shelving and racking
- Modern warehouse management systems provide a very good availability of all product lines and permanent inventory control
- Even heavy-weight storage units can be handled conveniently
- Closed system prevents unauthorised access to goods



The optimum ergonomic layout of the picking area in front of an automated bin or tray storage installation reduces reading and picking times. There is almost no walking required for order pickers which reduces travel times considerably.

(1) Reading (2) Picking (3) Travelling

#### Plastic bins and containers



#### **Plastic trays**



#### Steel trays with collar



#### Steel trays

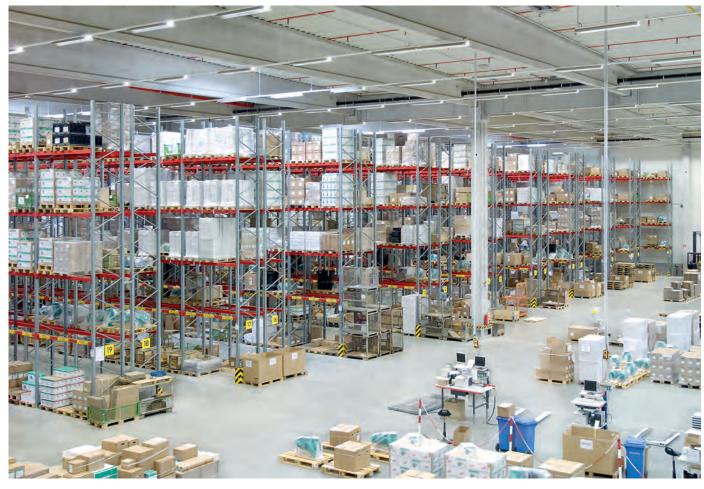


#### **Customised solutions**



→

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#### **BITO Pallet racking**

the ageless "classic" in product storage and handling

Racking installations with wide aisles are the most common solution. As a rule, loading and unloading is done with front stackers, stacker cranes or order picking trucks.

Pallet racking can also be realised as a narrow aisle configuration. In most cases, loading and picking is done with rail guided or inertially guided vehicles.



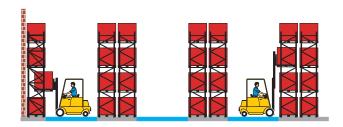


#### Your benefits

- Accommodates Euro pallets, wire-mesh box pallets and special size pallets
- Various bay widths and constructive details allow long and short side pallet handling
- Double deep storage
- Compatible with other shelving and racking systems
- Allows automated servicing
- Can be realised as multi-tier construction
- Broad range of system specific accessories

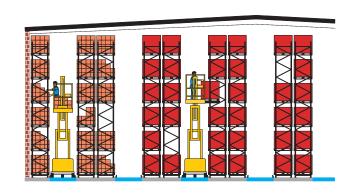
#### **Broad aisle configuration**





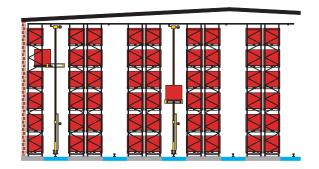
#### Narrow aisle configuration





#### **Automated pallet racking**





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#### BITO Drive-in racking

 requires fewer service aisles, allowing you to save on expensive storage space

> Drive-in racking allows storage of several pallets in depth per storage level, thus providing optimum utilisation of floor surface and warehouse volume.

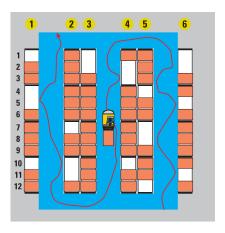
> This storage solution is ideal for low pallet turnover such as seasonal storage.



# BITO

#### Your benefits

- Cost efficient high-density storage
- Optimum utilisation of warehouse surface and height
- Good utilisation of available storage volume
- Safe storage of pressure sensitive goods and pallets with unstable loads
- Hook-in brackets allow fast and easy adjustment of storage levels



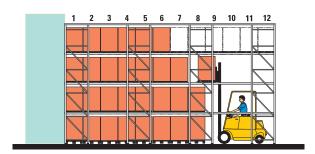
Classic pallet racking

# 1 2 3 4 5 6

Drive-in racking

#### **Drive-in racking configuration**





**→** 

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#### BITO Pallet live storage PROflow - gets your stock moving

Pallet live storage systems play an increasingly important role in storage and handling, as users recognise their potential for improving efficiency.

In the past, pallet live storage was mainly used for buffer stocks in production areas, warehouses and despatch departments. Today, the focus is on using the pallet live storage system for order picking according to the FIFOprinciple or as space saving push-back solution working on the LIFO basis.

Lane configuration making best use of space in racking width and height provides high-density storage and allows optimum use of the available headroom.

The increase in efficiency over conventional racking can be as high as 60%.

Moreover, constant availability of stock avoids idle times.

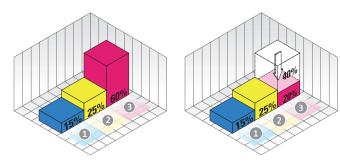


#### Pallet live storage PROflow



#### Your benefits

- Compared to bulk storage, live storage provides direct access to all reference lines on stock
- High degree of flexibility, fast order picking
- Adherence to the FIFO principle (first in, first out)
- Easy control of sell-by dates, call-off quantities and production batches
- No idle times
- Clear layout allows immediate product access thereby reducing process times and improving process predictability
- Separate loading and picking aisles
- Undisturbed working, as lift truck operators cannot get in each other's way. This improves work performance and operational safety in your warehouse.
- Reduced number of racking aisles, shorter in-house travel routes
- Gain in storage space of up to 60% compared to conventional pallet racking. Compact storage on a smaller surface is less energy consuming; a 40% reduction in travel time reduces electricity/fuel consumption of service vehicles.



Compared to conventional pallet racking, pallet live storage reduces travel times by two thirds.

(1) Reading (2) Picking (3) Travelling



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Scan this QR code:

#### Product video PROflow

www.bito.com/ qr-proflow-int

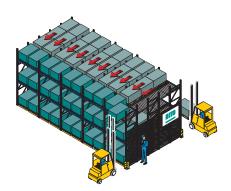
#### FlowStop load separator



The BITO FlowStop load separator has been designed to reliably separate the first pallet at the picking face from the other pallets in the lane. This allows to retrieve the pallet at the picking face safely without lane pressure and without damaging the FlowStop load separator.

The load separator has been fitted out of reach for truck forks. This means substantially lower repair costs as well as safe and convenient pallet loading and unloading.

#### Pallet live storage



Operates according to the FIFO principle: first in, first out

#### **Push-back pallet racking**



Operates according to the LIFO principle: last in, first out





# **BITO Cantilever racking**

#### ideal for long and bulky loads

Cantilever racking is a very versatile storage system which accommodates a wide range of loads: long loads such as bars and pipes, flat materials like wooden and metal sheets and plates as well as bulky items.

The system's complete modularity is a big asset for a "perfect fit". All components can be manufactured to suit your individual requirements as to load capacity and layout.

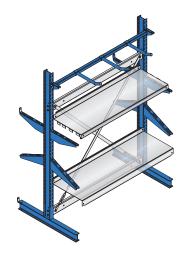
Based on your specific data such as warehouse or storage area dimensions, flooring characteristics and product requirements we will work out a customised solution. Our experienced team will be pleased to provide professional support.



#### Cantilever racking

#### Your benefits

- For rigid long loads: cantilever arms with and without end stop
- For flexible long loads, bars of any length and bulky goods: straight cantilever arms with shelves
- For ergonomically favourable picking at assembly places: inclined cantilever arms with shelves
- For coils and vertically stored goods: tubular arms



#### Cantilever racking for indoor use



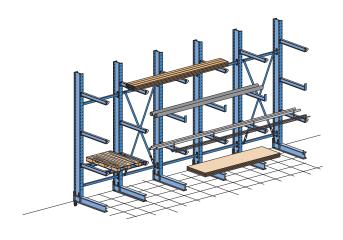
#### Cantilever racking for outdoor use



#### Mobile cantilever racking



#### For heavy duty applications



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#### Maximum storage density with PRO mobile pallet racking

Floor space optimisation and storage density are key to any consideration of cutting down warehouse costs. When the aim is to make optimum use of existing floor space or to reduce floor space occupation in order to create space for another purpose, mobile pallet racking will be the most efficient solution.

Depending on the system installed, storage capacity increases by up to 80% and floor space occupation reduces by up to 50%. These savings translate into a real money value, as investment costs are reduced considerably for new warehouse constructions.

Modern warehouse management systems combined with thorough planning and knowledgeable support from concept to completion are a sound basis for realising efficient storage solutions.



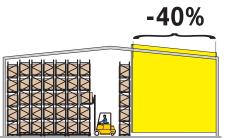
#### PROmobile pallet racking

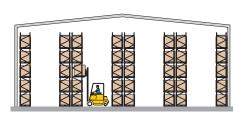


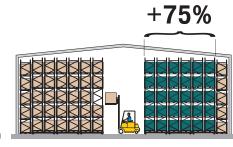
#### Your benefits

- Save on space in new constructions
- Compact storage saves on floor surface and storage volume
- Floor space is released by eliminating the need for several aisles
- Savings on energy costs, particularly in cooler and freezer storage environments
- Substantially reduced investment cost

- Gain storage capacity in existing premises
- Substantial increase in storage capacity on the same surface area
- No costs for setting up a new building
- Optimum use of floor space in existing premises







1) Gains realised with PROmobile

2) Conventional pallet racking

3) Improved floor space utilisation

#### **Pallet racking system**





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#### BITO PROmotion shuttle storage - move it smart

The shuttle system is a modern and efficient alternative to ASRS systems, drive-in and push-back racking and live storage systems. The system is serviced by a battery powered, remote-controlled shuttle that moves on rails and carries pallets into and out of the lanes. Shuttle infeeding and outfeeding is done by a conventional fork lift truck.

The BITO shuttle system comes with an unrivalled safety package.

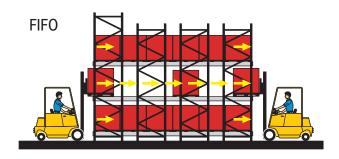


# Shuttle storage system PROmotion



#### Your benefits

- High density storage
- Excellent use of cubic space, as there is no lane inclination
- Deep lanes provide a high degree of floor space utilisation
- FIFO and LIFO principle applicable
- Damage-free storage of pressure-sensitive goods
- Each lane can be individually accessed
- Cost efficient storage of a limited number of bulk stored product lines





#### **BITO PROmotion shuttle storage system**



- Remote control
- Rail detection sensor
- Emergency stop button
- 4 Laser scanner to detect persons
- Distance sensor
- 6 Carrier rail



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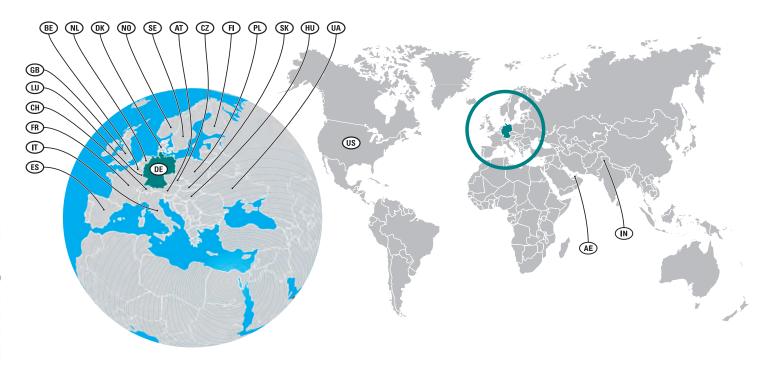
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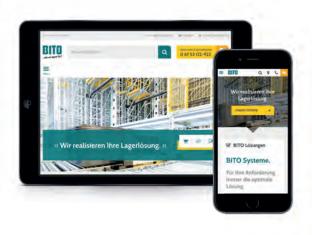
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# C-ITEM BINS CTB

... made from resource-saving material!

More information on page 29



# **Sunflower- Compound (SFC)**

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