

# PLS ACCESS KIT

**BITO**  
STORAGE SYSTEMS  
NORDIC

Your solution for secure access  
into pallet live storage (PLS) lanes

SPOTLIGHT ON  
STAFF SAFETY

[www.bito.com](http://www.bito.com)

BITO easyHOOK



THE EASY WAY  
TO COMPLY  
WITH **SAFETY**  
**REGULATIONS**

## SAFETY AT WORK – RISK-FREE ACCESS INTO PALLET LIVE STORAGE RACKING

### BENEFITS AT A GLANCE

The Pallet Live Storage (PLS) Access Kit provides easy and secure racking access for troubleshooting, maintenance tasks and component cleaning.

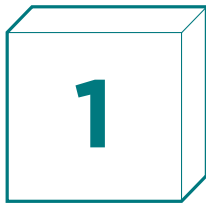
- + Staff safety at all times:  
**Certified anchor points** on racking uprights allow to access all racking levels
- + Slip-proof boards allow safe walking on roller conveyor lanes
- + Problems can be identified and fixed without any risk by locking “trouble” pallets
- + Compliance with the latest health and safety standards and regulations
- + Improved workplace safety for employees and racking operators
- + One-time investment

The BITO PLS Access Kit has been designed in close cooperation with the trade and logistics department of the DGUV (German Accident Insurance Association) that promotes the occupational safety of products.



# PROBLEM! SOLUTION.

The versatile PLS Access Kit serves multiple purposes: it provides secure access into a lane to investigate the cause of a fault, handle repairs, carry out maintenance tasks (f. ex. on the FlowStop load separator, brake rollers, conveyor rollers, in-feed guides) and clean racking components.



## TROUBLESHOOTING

Safe de-blocking of pallets that got stuck in a flow lane, easy handling of general problems



## MAINTENANCE

Convenient repair and maintenance of components in an affected lane (e.g. of the FlowStop load separator, brake rollers, conveyor rollers, in-feed guides etc.)



## CLEANING

Easy cleaning of roller lane components, ideal for use in the food sector



## YOUR SOLUTION FOR SECURE ACCESS INTO PALLET LIVE STORAGE LANES

Select a safe anchor point for fitting the BITO easyHOOK, lock in the twist-lock carabiner, attach the fall arrester and connect it to the body harness. Place the starting and the intermediate board, then place connecting boards into the adjacent lane or into the affected lane until you reach the trouble area.



Access the trouble spot via the adjacent lane that has been covered by slip-proof boards. Use the pallet blocking device to prevent trouble pallets from moving down the lane unexpectedly. Properly secured by the access kit the assembly person can walk into the lane to find out what caused the problem and to fix it.



The same applies for repair work, f. ex. on damaged conveyor rollers or brake rollers. After all pallets have been removed from the "trouble" lane, a properly secured assembly person can safely access that lane via a maintenance platform and walk in on the access boards.



Removing dust, dirt, liquids and other impurities as well as foreign objects (e.g. packaging film) is just as easy with the PLS Access Kit. The place to be cleaned can be conveniently reached walking on the access boards.

## STEP-BY-STEP INSTRUCTIONS



1. Select a safe anchor point for fitting the BITO easyHOOK, lock in the twist-lock carabiner



2. Open the door of the maintenance basket and place the starting board into the lane adjacent to the "trouble" lane.



3. Swing activator of the FlowStop load separator to the side and secure it with the holding device.



4. Lay the intermediate board against the yellow load separator stop bar.



5. Place connecting boards into the lane until you reach the trouble area.

# STAY SAFE WITH THE PLS ACCESS KIT

## STARTER KIT

### TABLE OF CONTENTS

- + 5× BITO-easyHOOK
- + 5× Twist-lock carabiner
- + 1× Blocking device "heavy duty"
- + 1× Blocking device "light duty"
- + 1× Holding device for FlowStop load separator
- + 1× Fall arrester
- + 1× Body harness
- + BITO boards to cover conveyor rollers:
  - 1× Starting board
  - 1× Intermediate board
  - 4× Connecting board



## ADD-ON KIT

### TABLE OF CONTENTS

- + 1× BITO-easyHOOK
- + 1× Twist-lock carabiner
- + 1× Connecting board

## EXAMPLE CALCULATION

Three different types of boards are required for walking into roller conveyors lanes (each lane needs 1 starting board, 1 intermediate board and, depending on the lane depth, an adequate number of connecting boards). A lane that accommodates **8 European size pallets handled long side on** needs 1 starting board, 1 intermediate board and 7 connecting boards.

**1X STARTER KIT**



**3X ADD-ON KIT**



## ACCESS KIT COMPONENTS

- 1 BITO easyHOOK — 2 Twist-lock carabiner — 3 Blocking device “heavy duty”  
 4 Blocking device “light duty” — 5 Holding device for FlowStop load separator — 6 Fall arrester — 7 Body harness  
 8 Hard hat (optional accessory) — 9 Starting board — 10 Intermediate board — 11 Connecting board

More information on [www.bito.com/pds-access-kit](http://www.bito.com/pds-access-kit)





DESIGNED IN COOPERATION WITH THE  
DGUV (GERMAN ACCIDENT INSURANCE ASSOCIATION)  
FOR USE ON CERTIFIED ANCHOR POINTS

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