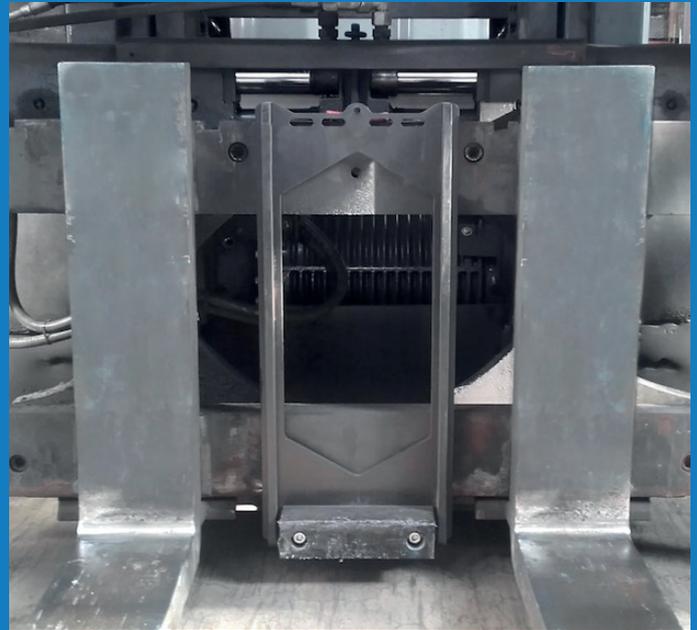


## KOOI-Pallet-Bumper®

KOOI-Pallet-Bumper helps reduce product and pallet damage caused by forklift impact. High intensity applications typically have fast moving forklift trucks shuttling pallets throughout the system. If the operator enters a pallet too fast, the impact often results in splintered or broken pallet boards, not to mention, product damage when goods overhang the pallet. The latter issue typically requires repackaging or replacement which can be extremely expensive and/or product damage.



## Improve safety and reduce pallet damages

By using KOOI-Pallet-Bumpers, these hidden costs can be easily avoided. A minimal investment helps ensure pallets remain structurally sound in order to safely support goods and protect personnel. It also helps lower operational expenses relating to housekeeping, (broken pallet clean up), pallet repair, replacement and/or product damage.

### Cost Saving Benefits:

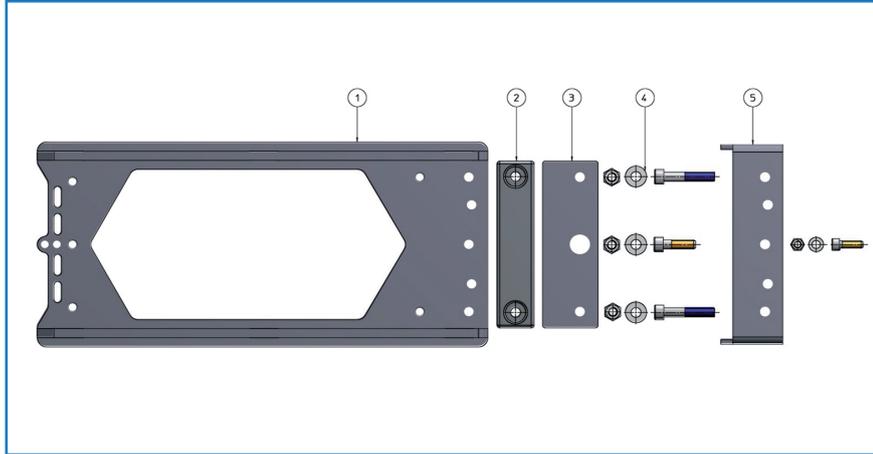
- Reduced product damage. (No more repackaging or replacement of goods)
- Improved customer satisfaction. (Fewer returns and complaints)
- Lower maintenance costs. (Reduced pallet repairs and fewer forklift repairs relating to wheel damage from debris)

### Primary damage causes which can be alleviated by using the KOOI-Pallet Bumper:

- High, (time), pressure on the forklift driver
- Speed of forklift too fast when inserting the forks into the pallet
- Pallet loads with "product overhang" on the pallet
- Use of weak or poorly constructed, (one-way), pallets
- Moving pallets with the forklift, when pallets are standing on the floor



## KOOI-Pallet Bumper



### KOOI-Pallet Bumper

1. Uni-Body, steel construction powder-coated RAL 9021
2. Synthetic bumper
3. Filler plate
4. Connection bolts and screws
5. Connecting carriage plate

\* Optional: stainless steel

\* Complying to ISO 2328

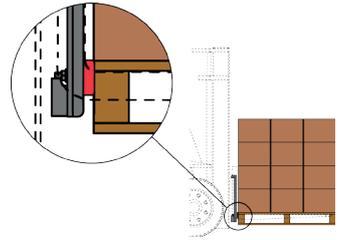
### Goods on pallets without overhang

Model	ISO/FEM	Existing fork shank thickness mm				No overhang
		35	40	45	50	
PB	2A	35	40	45	50	
PB	2B	35	40	45	50	
PB	3A	40	45	50		
PB	3B	40	45	50		

Example to order: PB-2A-45

Lift truck fork thickness: 45mm

Mounting class carriage lift truck: FEM2A



### Goods on pallets with overhang

Model	ISO/FEM	Existing fork shank thickness mm				Overhang
		35	40	45	50	
PBO	2A	35	40	45	50	
PBO	2B	35	40	45	50	
PBO	3A	40	45	50		
PBO	3B	40	45	50		

Example to order: PB-0-3B-50-10-22

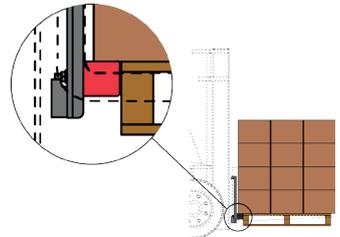
Lift truck fork thickness: 50mm

Mounting class carriage lift truck: FEM3B

Goods on pallet are hanging-over of the pallet section

Overhang: 25mm

Palletplank thickness: 22 mm



### KOOI-Pallet bumper for chemical pallets

Model	ISO/FEM	Pallets
PBC	All	Chemical CP1-CP9

