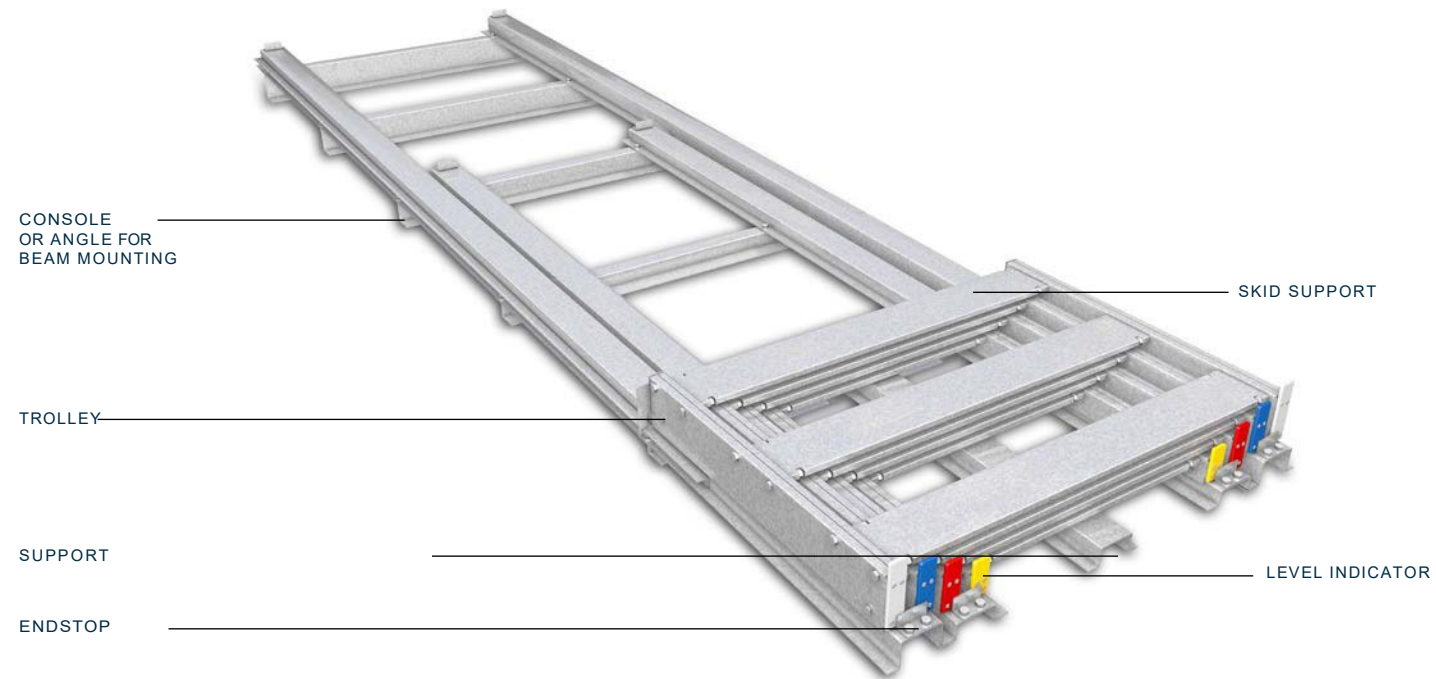
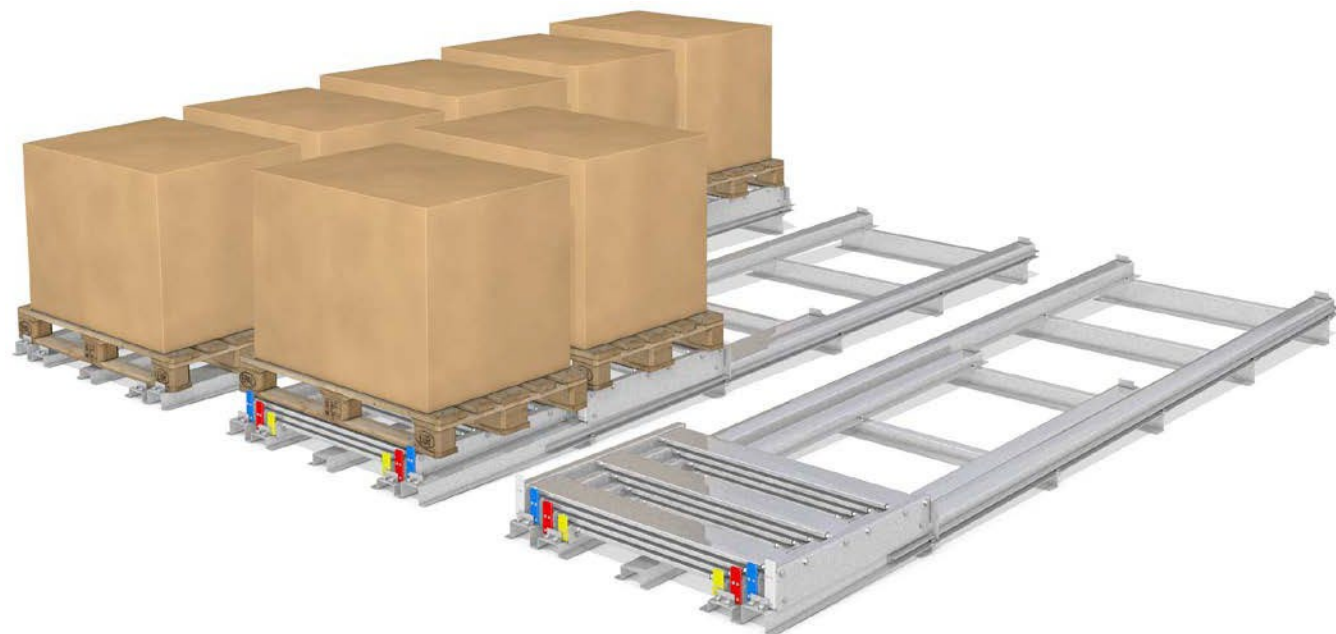


LIFO Pushback Trolley

The Pushback Trolley System is an alternative to racks with roller conveyors. The advantage: The trolleys, compensate for the inclination of the rail system on which they move to the picking area. This means that the loading surface of the pallets are horizontal.

Usually, the goods are placed on the storage system at an angle (rail inclination), which is why it is possible to introduce the shear forces via the stored goods. Damage to goods occurs.





THE PRINCIPLE

The "Pushback Trolley System" is an economical and technical alternative to the roller conveyor, especially for transversely stored pallets according to the LIFO principle. The retrofitting of conventional pallet racks is easily possible at any time with the "Pushback Trolley System", even in the deep-freeze area. Particularly interesting is also the retrofitting of existing "Drive-in" shelves, because the time-consuming retraction into the channels is no longer necessary. Then easily and safely store a different product at each level.

Advantages of the "Pushback Trolley System":

- Solid, retrofittable and easy to maintain, easy replacement of components
- Easy installation
- Mixed storage of pallets of different quality and lattice boxes
- Overloading on the pallets possible
- Complete support of pallet runners
- Pallets stand horizontally, time savings during operation, no damage to the products
- Level indication by color-coded plates on the trolleys
- Good running properties due to ball-bearing wheel flange rollers
- Low inclination of the rails (approx. 2.5 %)
- Weights from 25 kg to 1,350 kg possible



PUSHBACK TROLLEY SYSTEM TECHNICAL CHARACTERISTICS

DATA

Depth	up to 6 pallets (5 trolleys)
Pallet	Max. 1.350 kg higher loading on request
Also used	in fire protection & deep-freeze area

PUSHBACK TROLLEY SYSTEM TECHNICAL INDICATION

HEIGHTS (STANDARD)

1. PALLET 1	40mm
2. PALLET 2	90mm
3. PALLET 3	120mm
4. PALLET 4	150mm
5. PALLET 5	180mm
6. PALLET 6	215mm

PUSHBACK TROLLEY SOLUTION WITH HORIZONTAL STORAGE



With the "Pushback Trolley System", the goods are in a horizontal position despite the rail inclination due to the conical design of the trolleys. The result: less damage to the goods and time savings during operation.

PUSHBACK TROLLEY CONVENTIONAL SOLUTION WITH NON HORIZONTAL STORAGE



Usually, the goods are placed on the storage system at an angle (rail inclination), which is why it is possible to introduce the shear forces via the stored goods. Damage to goods occurs.

PUSHBACK TROLLEY SYSTEM



All three pallet runners are supported in the "Pushback Trolley System". As a result, even damaged pallets can be reliably stored regardless of the pallet quality.

PUSHBACK TROLLEY SYSTEM



Pallet rack in empty condition, all trolleys are on top of each other on the storage side

PUSHBACK TROLLEY SYSTEM

