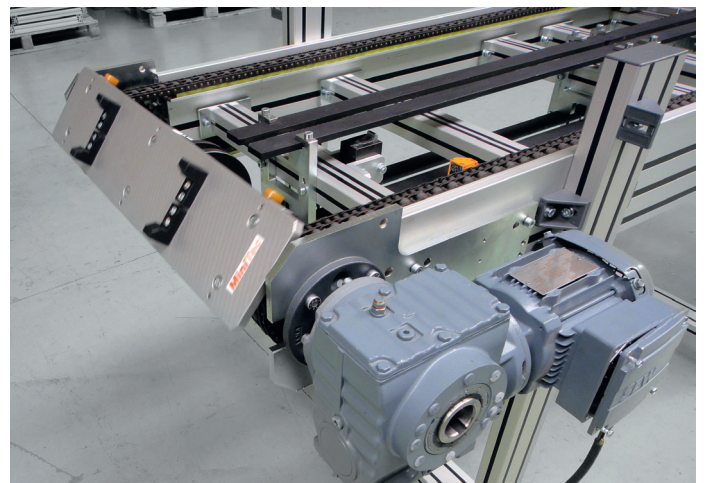
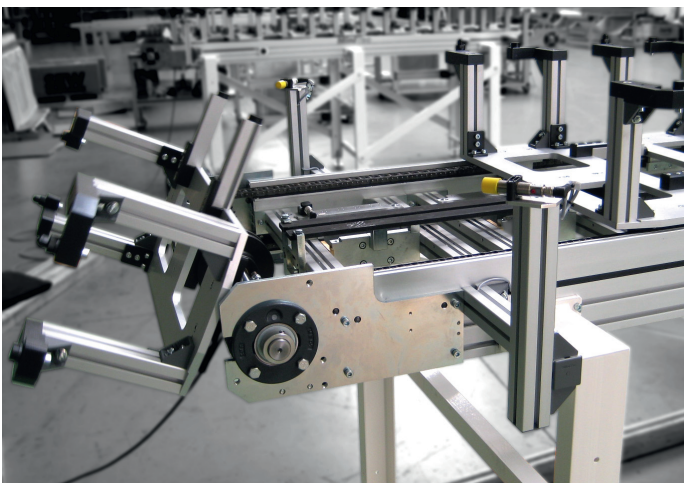
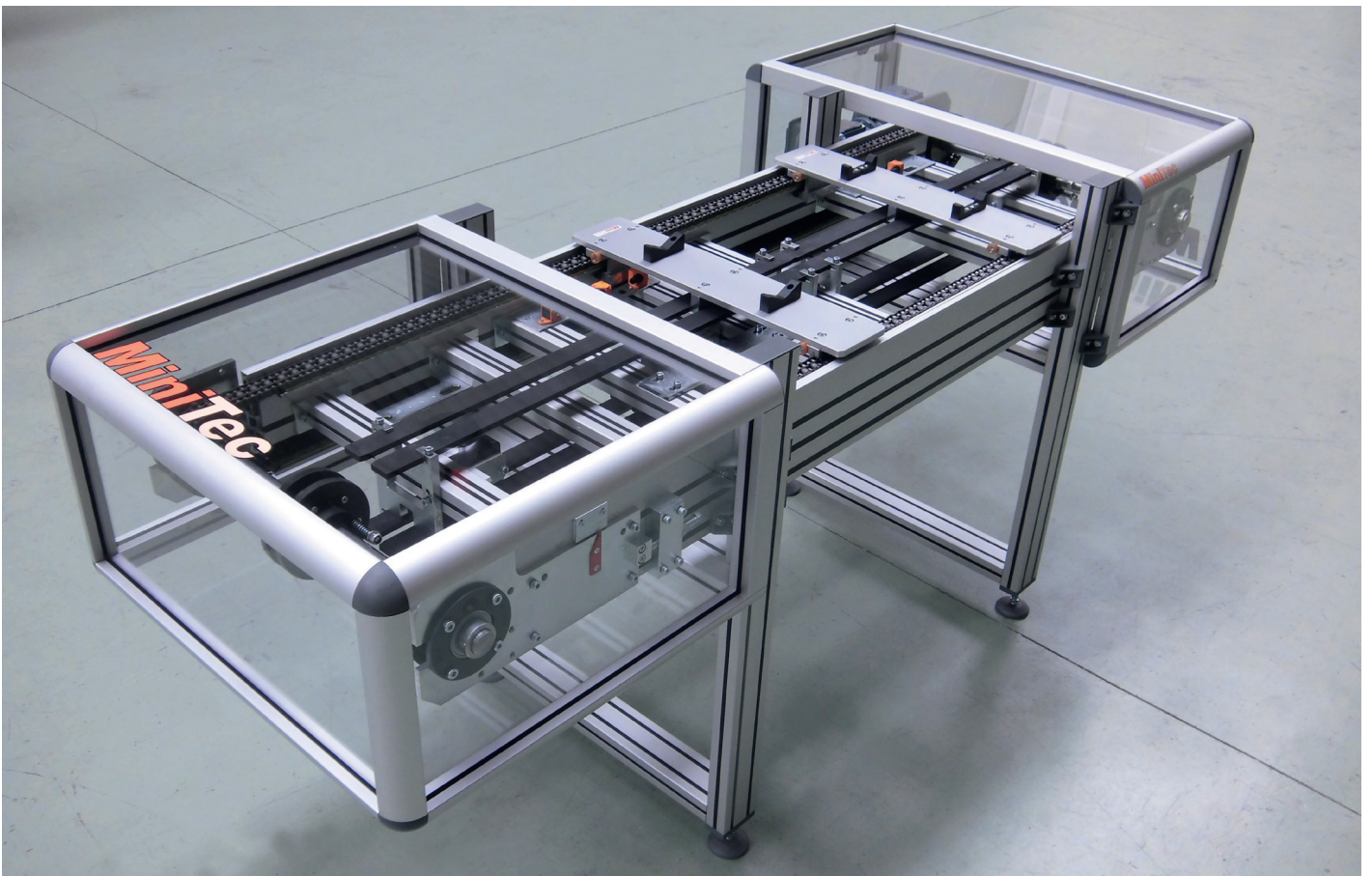


PALLET CIRCULATION SYSTEM UMS

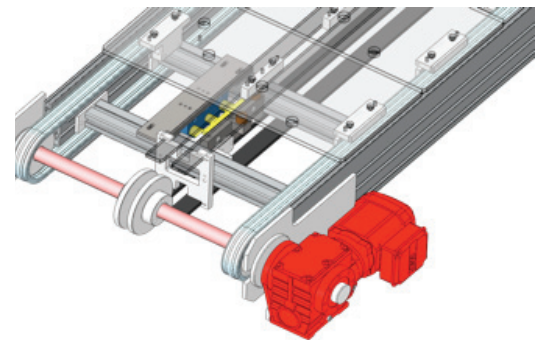
The UMS pallet circulation system from MiniTec is based on a double-track chain conveyor with recirculation of the empty pallets underneath the conveying level. The off-loaded pallets are turned vertically by an interlocking gripper with return transportation hanging beneath the conveyor. Pallet accumulation is possible on the conveying level as well as on the return. The system even can be used as an overhead suspension track, returning empty pallets at the top level.



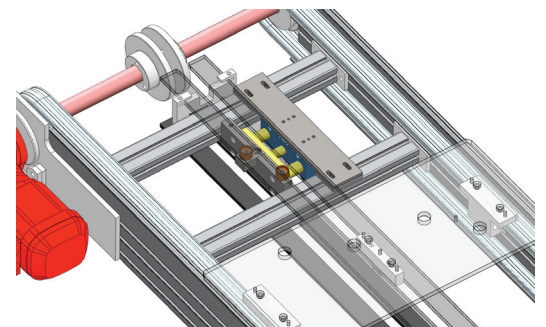
PALLET CIRCULATION SYSTEM UMS

CHARACTERISTICS

- Compact and robust conveying system
- Safe recirculation of empty pallets for interlinking processing equipment
- Easy control of the UMS, no extensive programming for incoming and outgoing goods necessary
- Accumulation guarantees constant cycle time
- Used as an overhead suspension track
- Pallet circulation system with minimum space requirements due to small pivoting radius
- Recirculation of empty pallets underneath the conveying level
- Only one electric motor with hollow shaft mounted directly onto the drive axis
- Different reducing gears for realisation of different transport speeds



Drive unit



Stopper

TECHNICAL DATA

- Installation length max.: 15m
- Load capacity on palette max.: 80kg (depends on speed and conveying length)
- Load capacity on separator max.: 400kg
- Width of work piece carrier: 400mm up to 600mm
- Length of work piece carrier: 120mm up to 250mm
- Conveying speeds: 6m/min, 8m/min, 12m/min
- Positioning accuracy: ± 2 mm
- Cycle time: 9s (6m/min), 6s (12m/min)