

# Conveyor systems

## Transfer unit - roller-chain conveyor



### Function:

Transfer of load from roller to chain conveyor or chain to roller conveyor, with change of direction; throughput approx. 200 unit loads/hour

### Load carriers:

Europallets, industrial pallets

### Payload:

max. 1,200 kg

### Conveying speed:

0.2 - 0.6 m/s

### Construction:

- ▶ Painted, height-adjustable frame fixed to floor
- ▶ High-quality bearing-mounted rotating platform
- ▶ Galvanised lifting element actuated by eccentric rollers and sliding guides with chain conveyor and mounted roller conveyor
- ▶ Frequency-controlled rotary drive

## Vertical transfer units



### Function:

Vertical load transportation; load transfer with chain or roller conveyor; lifting height up to 25 m; throughput up to 180 unit loads/hour (at 5 m lifting height)

### Load carriers:

Europallets, industrial pallets, special pallets, cage pallets

### Payload:

max. 1,500 kg

### Conveying speed:

up to 2 m/s

### Construction:

- ▶ Painted single-mast design with guide rails
- ▶ Frequency-controlled vertical drive mounted at top or bottom of mast
- ▶ Painted lift carriage with rope pulley
- ▶ Mounted conveyor module
- ▶ Limit switch/laser
- ▶ Optional arresting device

## Transfer carriage



### Function:

Horizontal load transportation; carriage with on-board or off-board drive; load transfer with chain or roller conveyor or telescopic fork; throughput up to 180 unit loads/hour (depending on transfer distance/variant)

### Load carriers:

Europallets, industrial pallets, special pallets, cage pallets

### Payload:

max. 1,200 kg per load transfer

### Conveying speed:

up to 4 m/s

### Construction:

- ▶ Painted carriage with 4 wheels
- ▶ Guided by 2 pairs of pressure rollers
- ▶ Frequency-controlled drive unit (on-board or off-board)
- ▶ Handling of one or more loads
- ▶ Aisle equipment (rails, bus bar, positioning, end buffer and optical data couplers)