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)