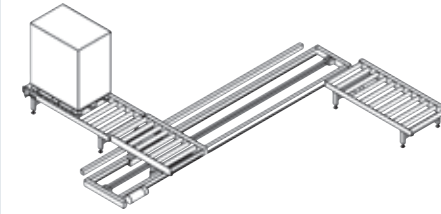


Transfer carriage



Function

Horizontal load transportation
Carriage with on-board or off-board drive
Load transfer with chain or roller conveyor, or telescopic forks.
Throughput up to 180 unit loads/hour (depending on transfer distance/variant)

Load carrier

Euro pallets, industrial pallets, containers/cages, special pallets

Payload

max. 1,200 kg per pallet

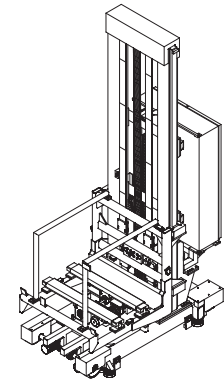
Conveying speed

up to 4 m/s

Construction

Painted carriage with 4 wheels
Rail guided with 2 pairs of pressure rollers
Frequency controlled drive (off-board or on-board)
Handling of one or more unit loads
Aisle equipment (rails, busbar, positioning, end buffer and optical sensors)

Transfer carriage with lifting device



Function

Horizontal load transportation and distribution across several levels
Carriage with on-board or off-board drive
Load transfer with chain or roller conveyor, or telescopic forks
Throughput up to 120 unit loads/hour (depending on transfer distance/variant)

Load carrier

Euro pallets, industrial pallets, containers/cages, special pallets

Payload

max. 1,200 kg per pallet

Conveying speed

up to 2 m/s (horizontal)

Lifting height

up to 3 m

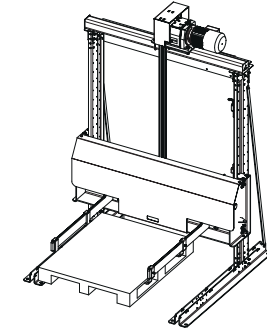
Lifting speed

up to 1 m/s

Construction

Painted carriage with 4 wheels, rail guided with 2 pairs of pressure rollers, frequency-controlled drive (on-board or off-board), Handling device for single unit load.

Empty pallet stacker/de-stacker



Function

Stacks of pallets or individual pallets are conveyed to the unit via conveyor (max. 15 pallets per stack).
The pallets are separated by electrically actuated grippers and a lifting device.

Load carrier

Euro pallets, industrial pallets

Type of conveyor

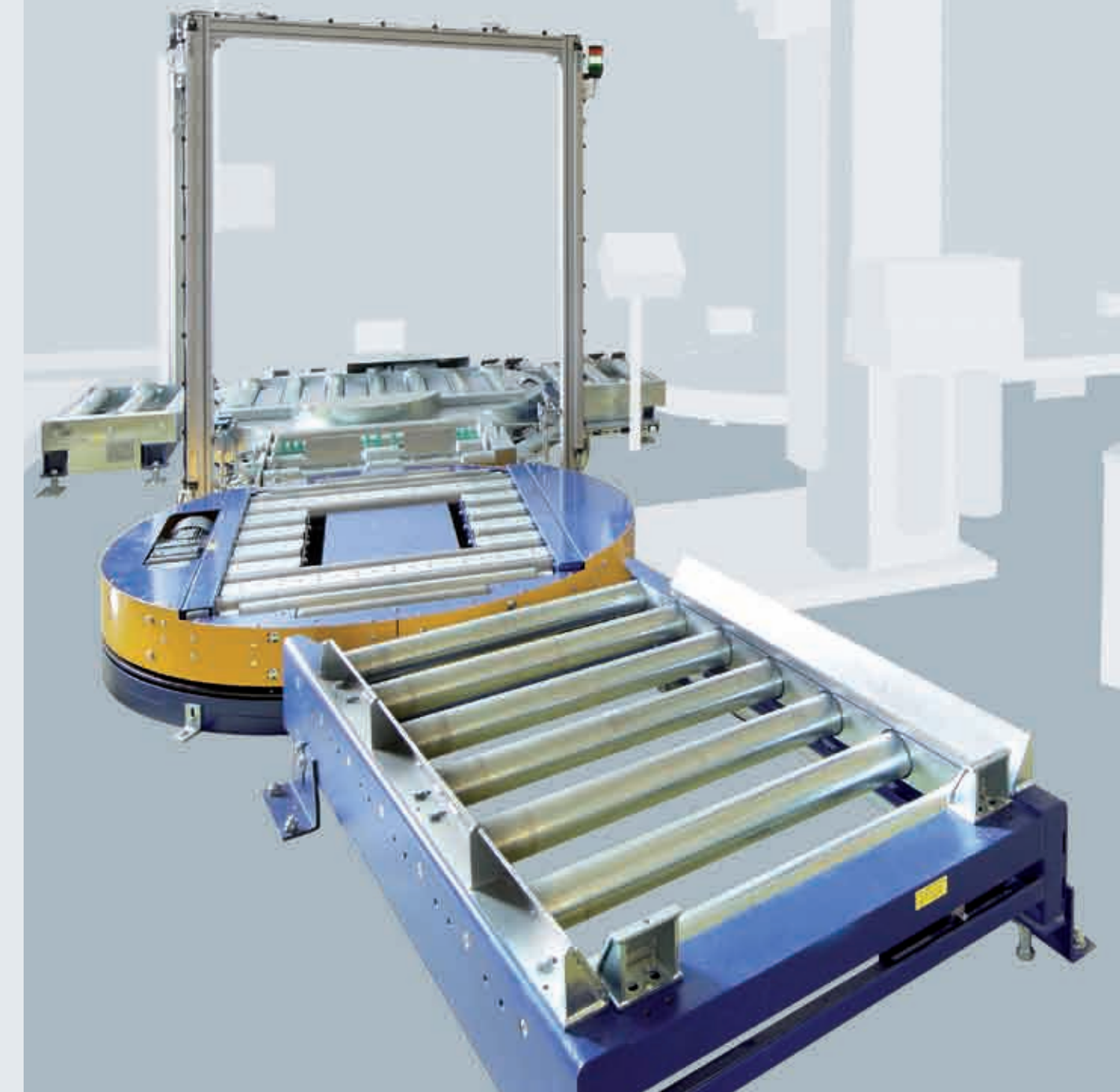
Roller conveyor, chain conveyor

Capacity

120 pallets/hour

Construction

Floor-mounted, height-adjustable painted steel frame, fixed to the floor with galvanised bolts. Grippers, lifting device and conveyor.



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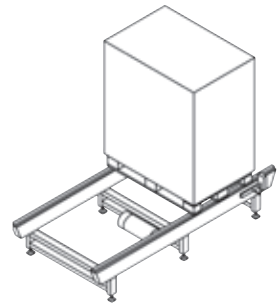
Conveyor Systems System components



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Please note: All specifications refer to our standard range. We also offer customised solutions for alternative unit loads, weights, etc. Please do not hesitate to contact us to discuss your specific requirements.

Chain conveyor



Function
Conveying, wide face leading.
Optional load guidance with side rails.

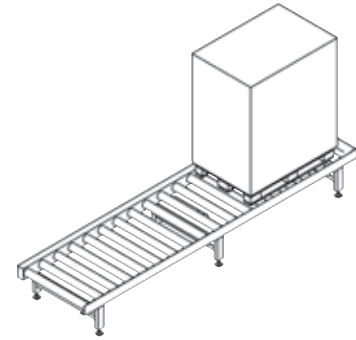
Load carrier
Euro pallets, industrial pallets, containers/cages, special pallets

Payload
max. 1,200 kg per pallet

Conveying speed
0.2 to 0.6 m/s

Construction
Painted steel frame c/w height adjustable, galvanised steel feet.
Galvanised steel support beams
Duplex chains mounted in plastic runners
Drive with brake
Light sensors

Roller conveyor



Function
Conveying, narrow face leading.
Load guidance with wheel flanges.

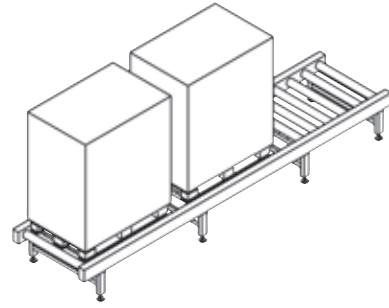
Load carrier
Euro pallets, industrial pallets, containers/cages, special pallets

Payload
max. 1,200 kg per pallet

Conveying speed
0.2 to 0.6 m/s

Construction
Painted steel frame c/w height adjustable, galvanised steel feet.
Galvanised steel support beams
Galvanised steel rollers
Drive with brake
Light sensors

Accumulating roller conveyor



Function
Conveying, narrow face leading with accumulation. Each pallet position with individual drive and control logic.
Load guidance with wheel flanges.

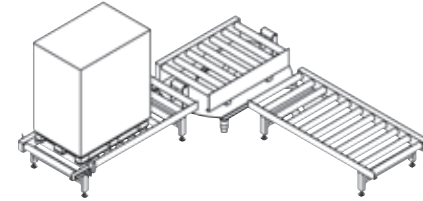
Load carrier
Euro pallets, industrial pallets, containers/cages, special pallets

Payload
max. 1,200 kg per pallet

Conveying speed
0.2 to 0.6 m/s

Construction
Painted steel frame c/w height adjustable, galvanised steel feet.
Galvanised steel support beams
Galvanised steel rollers
Drive with brake
Light sensors
Control module

Transfer unit – turntable



Function
90° transfer of load from roller to roller conveyor, or from chain to chain conveyor without change of direction.
Throughput approx. 200 unit loads/hour (at 0.3 m/s conveying speed)

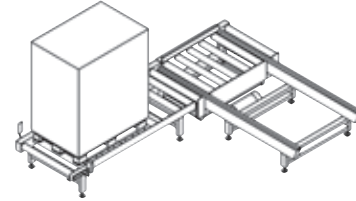
Load carrier
Euro pallets, industrial pallets, containers/cages, special pallets

Payload
max. 1,200 kg per pallet

Conveying speed
0.2 to 0.6 m/s

Construction
Painted steel frame c/w height adjustable, galvanised steel feet.
Bearing mounted, galvanised steel rotating platform.
Frequency controlled rotary drive
Mounted conveyor module
Limit switch

Transfer unit – lift table



Function
90° transfer of load from roller to chain conveyor, or vice-versa in other direction.
Lifting with eccentric rollers
Cantilevered outer rollers
Throughput approx. 240 unit loads/hour

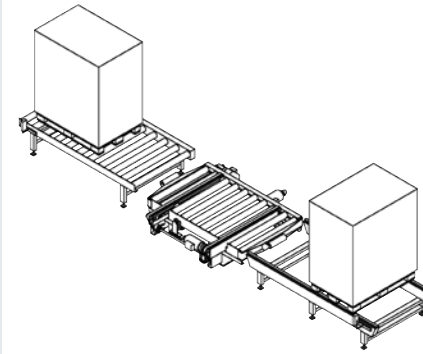
Load carrier
Euro pallets, industrial pallets, containers/cages, special pallets

Payload
max. 1,200 kg per pallet

Conveying speed
0.2 to 0.6 m/s

Construction
Painted steel frame c/w height adjustable, galvanised steel feet.
Galvanised steel lifting device actuated by eccentric rollers and sliding guides.
Lifting drive with brake
Mounted conveyor module
Limit switch

Turntable, roller – chain conveyor



Function
Transfer of load from roller to chain conveyor, or vice-versa in other direction.
Throughput approx. 200 unit loads/hour

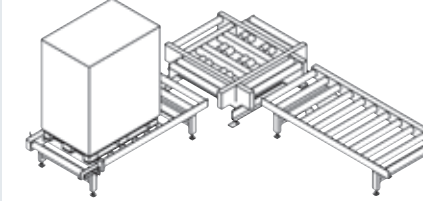
Load carrier
Euro pallets, industrial pallets

Payload
max. 1,200 kg per pallet

Conveying speed
0.2 to 0.6 m/s

Construction
Painted steel frame c/w height adjustable, galvanised steel feet.
Bearing-mounted, galvanised steel rotating platform.
Roller conveyor actuated by eccentric rollers and sliding guides
Frequency controlled rotary drive

Transfer unit – 4-way-turntable



Function
90° transfer of load from roller to roller conveyor without change of direction
Loading & unloading without intermediate rotation. Absolute rotation angle
Throughput approx. 240 unit loads/hour

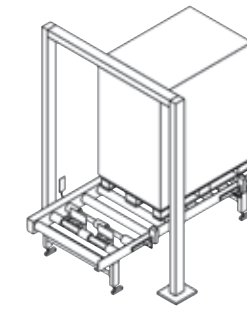
Load carrier
Euro pallets, industrial pallets, special pallets

Payload
max. 1,200 kg per pallet

Conveying speed
0.2 to 0.6 m/s

Construction
Painted steel frame c/w height adjustable, galvanised steel feet.
Bearing mounted, galvanised steel rotating platform.
Frequency controlled rotary drive
Mounted roller conveyor with crosswise driven rollers
Limit switch

Control devices



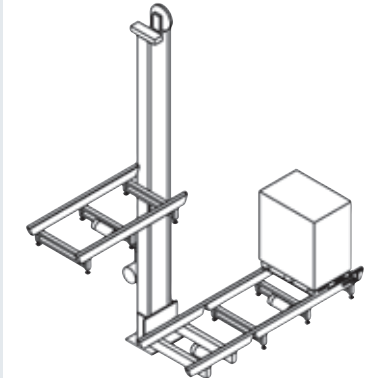
Function
Checking of load for:

- Profile by light sensors
- Over-load by weigh cells
- Load overhang by light sensors

Load carrier
Euro pallets, industrial pallets, containers/cages, special pallets

Construction
Aluminium frame with light sensors and sensors

Vertical conveyor



Function
Vertical load transportation
Load transfer with chain or roller conveyor
Lifting height up to 25 m
Throughput up to 180 unit loads/hour (based on 5 m lift height)

Load carrier
Euro pallets, industrial pallets, containers/cages, special pallets

Payload
max. 1,200 kg per pallet

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
Safety catch device
Limit switch/Laser

Please note: Standard range for normal conditions. Special versions available for: Explosion proofing, cold storage down to -28°C, increased corrosion protection, clean room conditions

Further elements: Swivelling tables, pallet magazines, floor distribution systems, scissor lifts
gravity roller conveyors, rotary lifting elements