

CPT-7 / CPT-7 ST



Self-Propelled Container/ Pallet Transporter

The CPT-7 self propelled transporter easily and efficiently transports and transfers cargo to aircraft, loaders, dollies and racks, and similar equipment.

The CPT-7's heavy-duty platform handles containers and pallets up to 7,000 kg (15,432 lb), with dimensions up to 2.44 m x 3.18 m (96" x 125"). And its special reinforced design uses eight hydraulic conveying motors directly coupled to the rollers.

Special features include:

- Front-end-height and tilt adjustment, to compensate for differences in dolly or rack proportions
- Full bed width rollers, to convey containers or pallets efficiently over the platform
- A heavy-duty industrial axle with differential and integral disc brakes, for reliable operation in any climate
- Chainless operation

Side Transfer Option

Utilizing proven HeliRoll[®] technology, the CPT-7 ST offers all the operational advantages of the CPT-7 with the added benefit of side transfer of cargo. The improved load platform can handle full size pallets with dimensions up to 2.44 m x 3.96 m (96" x 156") longitudinally, and 2.44 m x 3.18 m (96" x 125") sideways or two containers.



Specification CPT-7/CPT-7 ST

Standard Features:

- Automatic hydrostatic transmission
- Hydraulic powered steering
- 3 distinct brake circuits: hydrostatic, hydraulic and negative acting parking brake
- Manual by-pass valves for rollers and transmission circuit isolation
- Hydraulic powered load stops, front and rear
- Cushion valves in hydraulic transfer motors to protect from load shocks
- Reverse lights
- Towing and lifting eye

Optional Features:

- Fingers configuration (male/female)
- Drivers cab with accessories
- Rubber lagged powered rollers
- Front and rear bumpers
- Intermediate load stop

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| | CPT-7 | CPT-7 ST |
|------------------------------------|------------------------|--------------------------|
| Load Capacity | 7,000 kg (15,432 lb) | 7,000 kg (15,432 lb) |
| Maximum speed | 25 km/hr (15.5 mph) | 25 km/hr (15.5 mph) |
| Conveying speed | 18 m/min (59 fpm) | 18 m/min (59 fpm) |
| Front End Height Adjustment | 0.45-0.58 m (18-23 in) | 0.46-0.56 m (18-22 in) |
| Turning Radius | | |
| Outer (swept) | 9.0 m (354 in) | 10.4 m (409 in) |
| Inner | 4.6 m (181 in) | 5.2 m (205 in) |
| Gradient Capacity | | |
| Loaded | 5% (3 ⁰) | 5% (3 ⁰) |
| Unloaded | 8% (5 ⁰) | 8% (5 ⁰) |
| Power Unit (Standard) | Deutz BF4M 2011 Deisel | Deutz BF4M 2011 Deisel |
| Control Voltage | 24 Vdc | 24 Vdc |
| Vehicle Weight | 5,550 kg (11,880 lb) | 7,350 kg (16,204 lb) |
| Ground Clearance | 120 mm (4.7 in) | 120 mm (4.7 in) |
| Wheelbase | 2.60 m (102.4 in) | 4.50 m (177.2 in) |
| Load Platform Dimensions | | |
| Length (between load stops) | 3.22 m (127 in) | 3.19-4.12 m (126-162 in) |
| Width | 2.51 m (99 in) | 2.51 m (99 in) |
| Shipping Dimensions | | |
| Length | 4.62 m (182 in) | 6.13 m (241 in) |
| Width | 3.86 m (152 in) | 4.0 m (157 in) |
| Height (without cab) | 1.43 m (56 in) | 1.73 m (58 in) |

