

CPT-7/CPT-7 ST Self-Propelled Container/Pallet Transporters



CPT-7/CPT-7 ST Self-Propelled Container/Pallet Transporters

The CPT-7 family of self-propelled transporters 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 lbs.), with dimensions up to 96" x 125". And its special reinforced design uses eight hydraulic conveying motors directly coupled to the rollers.



New 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 96" x 156" longitudinally, and 96" x 125" sidely or two containers.

Special features include:

- Front-end-height and tilt adjustment, to compensate for differences in dolly or racks 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.

SPECIFICATIONS

| | CPT-7 | CPT-7 ST |
|------------------------------------|-----------------------------|-------------------------------|
| Load Capacity | 7,000 kg (15,432 lbs.) | 7,000 kg (15,432 lbs.) |
| Maximum Speed | 25 km/h (15.5 mph) | 25 km/h (15.5 mph) |
| Conveying Speed | 18 m/min. (59 ft./min.) | 18 m/min. (59 ft./min.) |
| Front End Height Adjustment | 0.45 – 0.58 m (18 – 23 in.) | 0.46 – 0.57 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') | 5% (3') |
| Unloaded | 8% (5') | 8% (5') |
| Power Unit (Standard) | Deutz BF4M 1012 Diesel | Deutz BF4M 1012 Diesel |
| Control Voltage | 24 V DC | 24 V DC |
| Vehicle Weight | 5,550 kg (11,880 lbs.) | 7,350 kg (16,204 lbs.) |
| Ground Clearance | 0.12 m (4.7 in.) | 0.12 m (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.) | 7.4 m (291 in.) |
| Width | 2.51 m (99 in.) | 3.19 - 4.12 m (126 - 162 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.) |

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 eyes.

Optional Features

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

For more information contact your FMC Airport Systems representative or visit our web site at www.fmcairline.com

Airline Equipment*
FMC Technologies, Inc.
7300 Presidents Drive
Orlando, Florida 32809
Tel: (407) 851-3377
Fax: (407) 850-2839

Airline Equipment
FMC Technologies, Inc.
Building 391, Viscount Way
Heathrow Airport
Hounslow, Middlesex TW6 2JE
United Kingdom
Tel: (44) 208-754-1544
Fax: (44) 208-754-1545

Airline Equipment Europe, S.L.*
FMC Technologies, Inc.
Carretera de Barcelona Km. 34,400
28805 Alcalá de Henares
Madrid, Spain
Tel: (34) 91-877-5889
Fax: (34) 91-877-5881

Airline Equipment Asia/Pacific
FMC Technologies, Inc.
6 Loyang Lane, #03-00
Young Heng Industrial Building
Singapore, 508920
Tel: (65) 542-9255
Fax: (65) 542-7493