

# PT 450



## Transport Platform

### RACK & PINION

THE BEST SOLUTION FOR TRANSPORTATION OF PERSONNEL AND/OR MATERIAL ON MEDIUM HEIGHT BUILDINGS

With a load capacity of 1000 lb (454 kg) and a small foot print, this transport platform is ideal for lifting men and/or materials in tight spaces such as elevator shafts. This, along with a budget friendly price, makes the hoist highly productive and profitable.

- Overspeed parachute with auto-recovery system
- Galvanized steel finish with a non-slip cage floor
- Hoist controls with LED display



#### Main Features:

- Max. load capacity: 1000 lb (450 kg)
- Max. speed: 60 ft/min (18 m/min)
- Max. height: 300 ft (90 m) (inquire about greater heights)
- Cabin dimensions: 49 in x 33 in x 80 in (124 cm x 84 cm x 202 cm)
- Noise emission value: <70 dB

## SMALL FOOT PRINT FOR HIGH PRODUCTIVITY



#### MAST SECTION



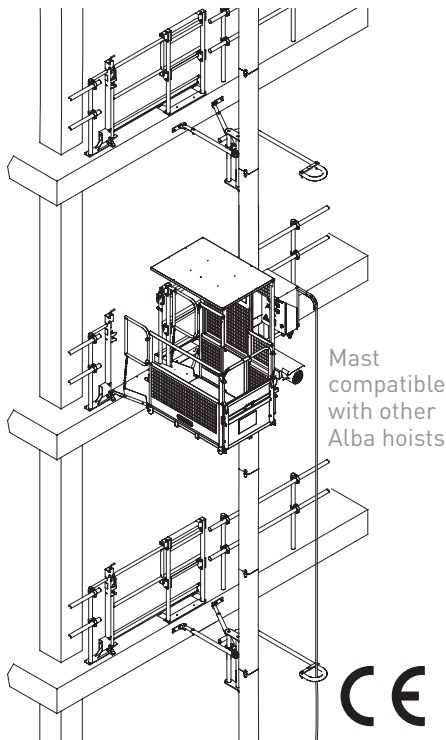
#### Square Tube

Length: 58.8" (1.5 m)  
Weight: 86 lb (39 kg)

#### Mast Compatibility

Mast Climber: PEC 90  
Material Hoist: MC 450

# DATA SHEET | PT 450



CPU and automatic floor management



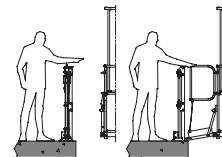
Landing levels call system



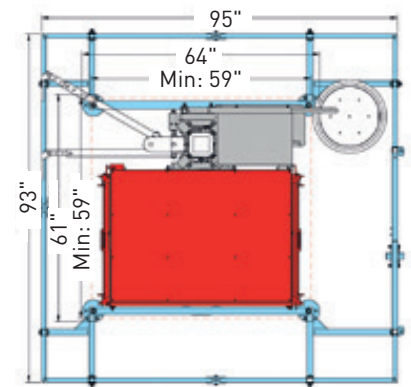
Overspeed parachute with auto-recovery system



Folding ramps with automatic side protection



Dual operation mode: personnel & material



## SAFETY DEVICES INCLUDED AND OPTIONAL

### INCLUDED

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with automatic side protection
- Hoist control display with LED signaling
- Automatic floor management
- Buffers at the ground base
- Hoist control CPU, with event log
- Upper/lower end-track limit switch
- Safety end-track limit switches
- Overload detection device
- Mast presence switch
- Last mast without rack for safety
- Cage floor of non-slip galvanized steel
- Movement warning horn
- Phase detection control
- Emergency stop

### OPTIONAL

- Landing doors with mechanical / electrical interlock
- Base enclosure with electrical interlock
- Motor with brake wear signal
- Landing levels call system
- Parachute test remote control
- Automatic greaser

## TECHNICAL FEATURES - PT 450-2V

Maximum capacity	2 people + 550 lb (250 kg) material or 1000 lb (450 kg) material only
Vertical speed	Personnel: 40 ft/min (12 m/min) Material: 60 ft/min (18 m/min)
Cage dimensions (LxWxH)	49 in x 33 in x 80 in (124 cm x 84 cm x 202 cm)
Minimum hoist way	59 in x 59 in (150 cm x 150 cm)
Motor power	2.2 kW (50/60 Hz)
Motor control	FREQUENCY CONVERTER
Maximum height	300 ft (90 m)
Anchorage each (max.)	20 ft (6 m)
Height over last anchorage	5 ft (1.5 m)
First anchorage height	13 ft (4 m)
Loading height-to-ground	15.8 in (40 cm)
Base assembly weight	440 lb (200 kg)
Noise emission value	<70 dB
Regulations reference	ANSI A92.10

## ELECTRICAL DATA

Motor power	2.2 kW
Input power connection	380÷460V - 50/60 Hz - 3 phase
Power consumption	4 kW
Nominal current	10 A
Supply power	8 kVA
Overload protection	4 x 16 A
Differential protection	
Calibration	16 A
Sensitivity	300 mA
Control voltage	48 V
Auxiliary hand tool socket	120 V - 50/60 Hz 16 Amp
Cable Section	4 x AWG 10



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