

PT 2000



Transport Platform

RACK & PINION

IDEAL FOR LARGE CONSTRUCTION
AND RESTORATION PROJECTS

The PT 2000 can transport up to 11 personnel with material and equipment, or 4,400 lb of material only. With optional extensions, the cabin can be suited especially for lifting drywall. It climbs a robust square mast which is compatible with the EDC 2000 personnel hoist, the MC 2000 material hoist and the PEC 130/150 mast climbers.

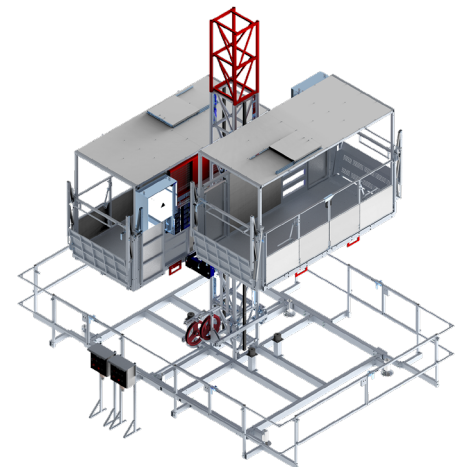
- Overspeed device with auto-recovery system
- Galvanized steel finish with a non-slip cage floor
- Includes side loading doors
- Hoist controls with LED display

Main Features:

- Max. load capacity: 4400 lb (2000 kg) or 3750 lb (1700 kg) w/ cabin extensions
- Speed: 40 & 72 ft/min (12 & 22 m/min)
- Max. height: 820 ft (250 m) (inquire about greater heights)
- Cabin dimensions: 130 in x 55 in x 82 in (3.3 m x 1.4 m x 2.1 m)
With extensions: 161 in x 55 in x 82 in (4.1 m x 1.4 m x 2.1 m)



GREAT LIFTING CAPACITY FOR LARGE PROJECTS



Double Cabin Configurations Available
Personnel & Material Cabin Options

MAST SECTION



Square Mast

Length: 58" (1.5 m)

Weight:

1 Rack: 216 lb (98 kg)

2 Rack: 260 lb (118 kg)

Mast Compatibility

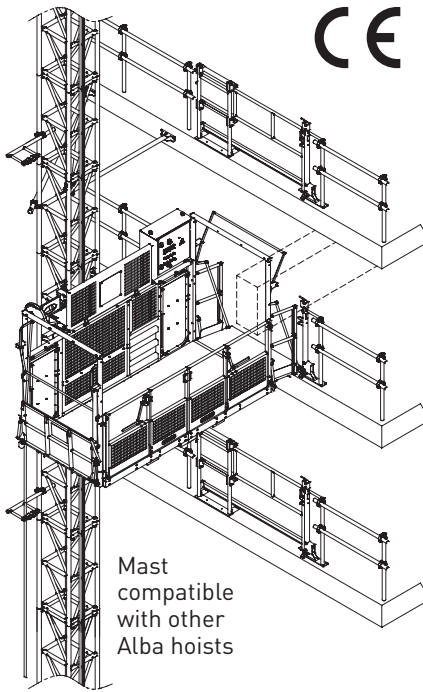
Mast climber: PEC 130 / PEC 150

Material hoist: MC 2000

Construction hoist: EDC 2000

Transport platform: PT 3800

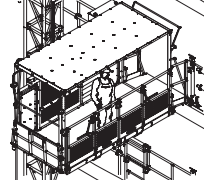
DATA SHEET | PT 2000



CPU and automatic floor management



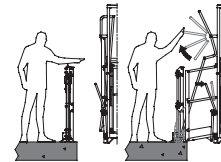
Falling object protection guard



Overspeed parachute with auto-recovery system

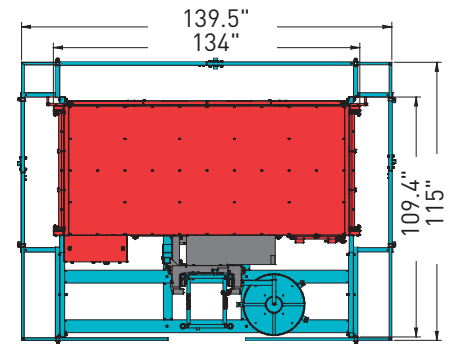


Folding ramps with automatic side protection



Mast compatible with other Alba hoists

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
- Falling object protection guard
- 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
- Aux. platform for mast and anchorage assembly
- 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
- Aux. crane for mast assembly
- Motor with brake wear signal
- Landing levels call system
- Parachute test remote control
- Automatic greaser

TECHNICAL FEATURES - PT 2000

Maximum capacity	11 people + 2200 lb (1000 kg) material or 4400 lb (2000 kg) material only
Vertical speed	Personnel: 40 ft/min (12 m/min) Material: 72 ft/min (22 m/min)
Cage dimensions (LxWxH) with Extensions	130 in x 55 in x 82 in (330 cm x 140 cm x 208 cm) 161 in x 55 in x 82 in (4.1 m x 1.4 m x 2.1 m)
Motor control	FREQUENCY CONVERTER
Maximum height	820 ft (250 m) <500 ft (150 m) with Standard mast or >500 ft with Reinforced mast
Anchorage each (max.)	30 ft (9 m)
Height over last anchorage	10 ft (3 m)
First anchorage height	20 ft (6 m)
Loading height-to-ground with cable bin with cable trolley	20 in (50 cm) 32 in (80 cm)
Base assembly weight	1100 lb (500 kg)
Regulations reference	ANSI A92.10

ELECTRICAL DATA

Motor power	2 x 5.5 kW
Input power connection	380÷460 V – 50/60 Hz - 3 phase
Power consumption	15 kW
Nominal / Starting current	32 A
Supply power	30 kVA
Overload protection	3 x 32 A
Differential protection	
Calibration	32 A
Sensitivity	300 mA
Control voltage	48 V
Auxiliary hand tool socket	120 V – 50/60 Hz 16 A
Cable Section	4 x AWG 7



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