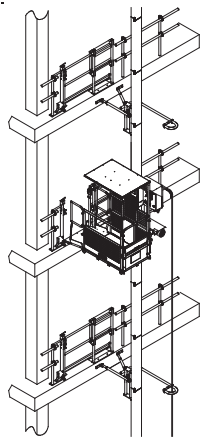


DATA SHEET PT 450



Mast compatible with other Alba hoists



CPU and automatic floor management



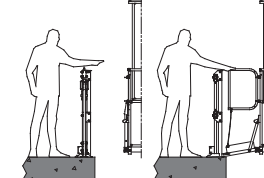
Overspeed parachute with auto-recovery system



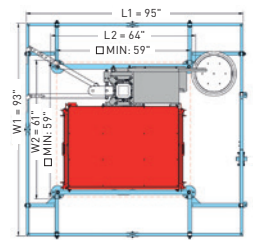
Landing levels call system



Folding ramps with automatic side protection



Installation dimensions



Dual operation mode: persons - loads



TECHNICAL FEATURES

	PT 450-2V
Maximum capacity	2 pax + 600 lb 1,000 lb
Vertical speed	40 - 60 ft/min
Cage dimensions (LxWxH)	49 in x 33 in x 80 in
Minimum hoistway	□ 59 in x 59 in
Motor power	2.2 kW (50 Hz)
Motor control	FREQUENCY CONVERTER
Maximum height (*)	300 ft (*)
Anchorage each (max.)	20 ft
Height over last anchorage	5 ft
First anchorage height	13 ft
Loading height-to-ground	15 in
Maximum load (assembly)	450 lb
Noise emission value	<70 dB
Regulations reference	ANSI A92.10

ELECTRICAL DATA

	PT 450-2V
	50/60 Hz
Motor power	2.2 kW
Input power connection	380÷460V - 50/60 Hz
Power consumption	4 kW
Nominal current	10 A
Supply power	8 kVA
Starting current	-
Overload protection	4 x 16 A
Differential protection	
Calibration	16 A
Sensitivity	300 mA
Control voltage	48 V
Auxiliar handtools socket	230 V - 50/60 Hz 16 A
Cable section	4 x AWG 10

MAST SECTION 	Single square tube Length: 58.8 in Weight: 85 lb	Mast compatibility: (see p.20) Mast climber: PEC 90 Material hoist: MC 450
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(*) Case of higher installation height, ask to the manufacturer.

SAFETY DEVICES INCLUDED AND OPTIONS

	INCLUDED	OPTION
GENERALS		
Gearmotor with electromechanical brake	✓	
Overspeed parachute with auto-recovery system	✓	
Emergency lowering lever	✓	
Cage doors with automatic side protection	✓	
Landing doors with mechanical / electrical interlock		✓
Base enclosure with electrical interlock		✓
Hoist control display with signaling LEDs:	✓	
- Cage door open		
- Landing door open		
- Enf of mast		
- Upper/lower endtrack		
- Aux. Crane interfering		
- Last 2 m zone		
- Overspeed parachute		
- Cage overload		
- Motor overheat fault		
- Hoist free / busy		
Automatic floor management	✓	
Buffers at the ground base	✓	
Hoist control CPU, with event log	✓	
Upper/lower endtrack limit switch	✓	
Safety endtrack limit switch	✓	
Overload detection device	✓	
Mast presence switch	✓	
Last mast without rack	✓	
Motor with brake wear signal		✓
Cage floor of non-slipping galvanized steel	✓	
Movement warning horn (LAST 2 m)	✓	PT 450-2V
Phase control	✓	
Emergency stop	✓	
Landing levels call system		✓
Parachute test remote control		✓
Automatic greaser		✓