

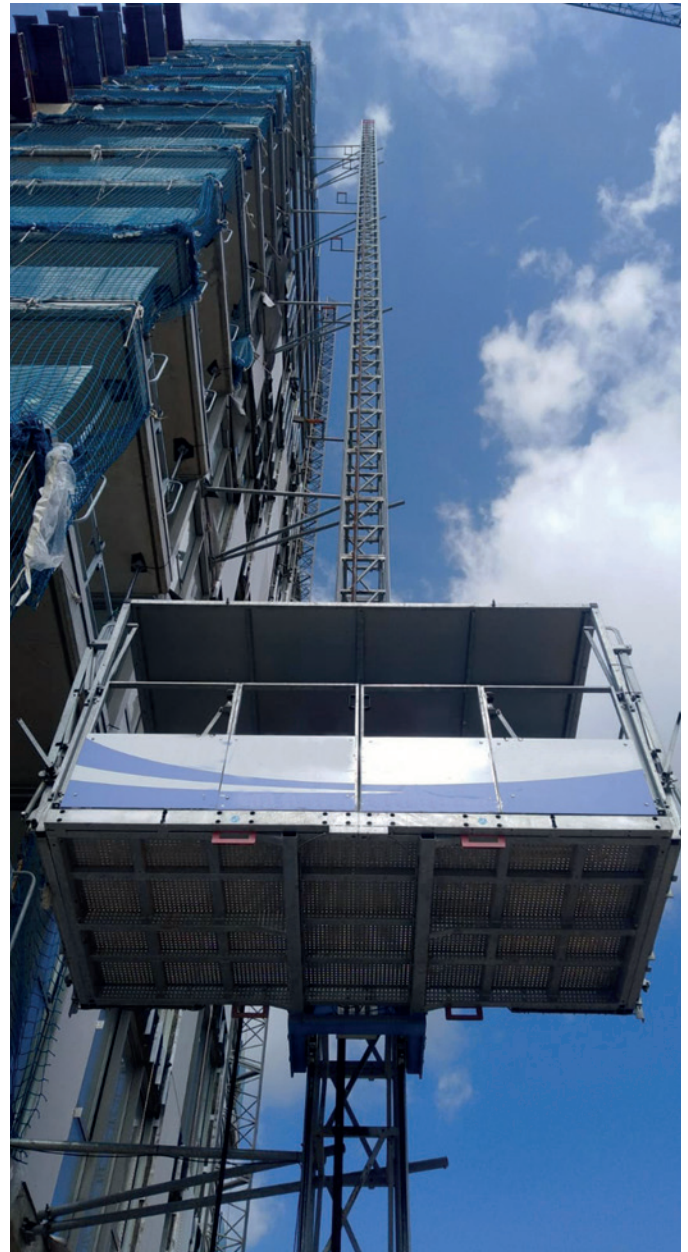
PT 1800

GREAT LIFTING CAPACITY IN LARGE SURFACES

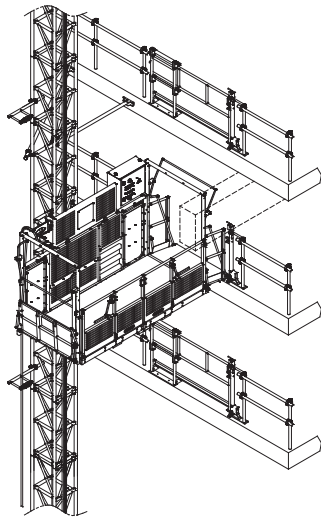
This platform allows to transport up to 20 passengers or 7 passengers with material and equipment; especially suitable for lifting drywall. Thanks to the robustness of the square mast by which it rises, the PT 1800 can work together with the EDC 2000 and MC 2000 hoists at the same time.

Main features:

- **Load capacity:** 1800 kg.
- **Cabin maximum dimensions:** 3,3 x 1,4 x 2,1 m.
- **Maximum speed:** 22 m/min.
- **Maximum height:** 250 m (ask us for greater heights).
- Possibility of incorporating a third loading door.



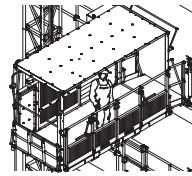
DATA SHEET PT 1800



Mast compatible with other Alba hoists



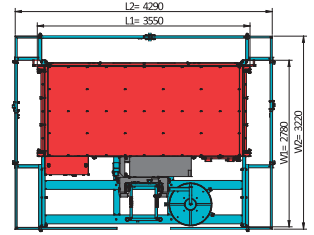
Falling object protection guard - removable



CPU and automatic floor management



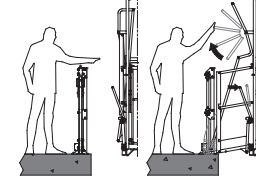
Installation dimensions



Overspeed parachute with auto-recovery system



Folding ramps with automatic side protection



Dual operation mode: persons - loads



TECHNICAL FEATURES

	PT 1800FA-2V	PT 1800FB-2V	PT 1800FA-1V	PT 1800FB-1V
Maximum capacity	12 ÷ 22 m/min		20 m/min	
Vertical speed	7 pax + 1.100 kg 1.800 kg		20 pax 1.800 kg	
Cage dimensions (LxWxH)	3,3 x 1,4 x 2,1 m		3,3 x 1,4 x 2,1 m	
Motor control	FREQUENCY CONVERTER		DIRECT	
Maximum height (*)	250 m (*)			
Anchorage each (max.)	9 m			
Height over last anchorage	3 m			
First anchorage height	6 m			
Loading height-to-ground with cable bin with cable trolley	500 mm 800 mm			
Maximum load (assembly)	500 kg			
Regulations reference	EN-16719 ; 2006/42/CE		EN-12158	

ELECTRICAL DATA

	PT 1800F-2V	PT 1800F-1V	
	50/60 Hz	50 Hz	60 Hz
Motor power	2 x 5,5 kW	2 x 5,5 kW	2 x 6,6 kW
Input power connection	380÷460 V - 50/60Hz	400 V - 50Hz	440 V - 60Hz
Power consumption	15 kW	11 kW	
Nominal current	32 A	25 A	
Supply power	30 kVA	20 kVA	
Overload protection	3 x 32 A		
Differential protection Calibration Sensitivity	32 A 300 mA		
Control voltage	48 V		
Auxiliar handtools socket	230 V - 50/60 Hz 1200 W		
Cable section	4 x 10 mm ²		

MAST SECTION 	Square mast Length: 1,5 m Weight: 1Rack: 98 kg 2Rack: 118 kg	Mast compatibility: (see p.50) Mast climber: PEC 130 / PEC 150 Material hoist: MC 2000 Passengers & material hoist: EDC 1700/2000 Transport platform: PTB 3800
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(*) For greater heights, ask to manufacturer.

SAFETY DEVICES INCLUDED AND OPTIONS

	INCLUDED	OPTION
GENERALS		
Gearmotors 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 / landing door open		
- End of mast		
- Upper/lower endtrack		
- Aux. Crane interfering		
- Fault on brake of motor		
- Last 2 m zone		
- Overspeed parachute		
- Cage overload		
- Motor overheat fault		
- Hoist free / busy		
Automatic floor management	✓	
Buffers at the ground base	✓	
Falling object protection guard	✓	
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	✓	
Aux. platform for mast and anchorage assembly	✓	
Aux. crane for mast assembly		✓
Motors with brake wear signal		✓
Cage floor of non-slipping galvanized steel	✓	
Movement warning horn (LAST 2 m)	✓	PT-2V
Phase control	✓	
Emergency stop	✓	
Landing levels call system		✓
Parachute test remote control		✓
Automatic greaser		✓