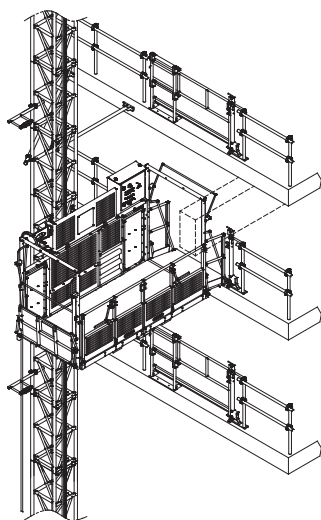


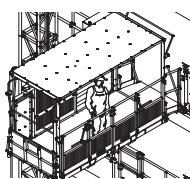
# DATA SHEET PT 1800



Mast compatible with other Alba hoists



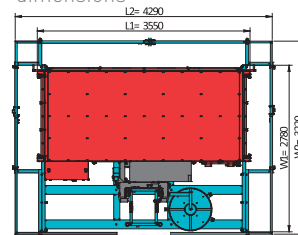
Falling object protection guard - removable



CPU and automatic floor management



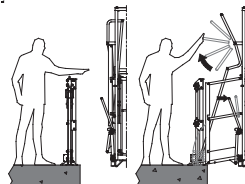
Installation dimensions



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	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 <sup>2</sup>		

<b>MAST SECTION</b> 	<b>Square mast</b> Length: 1,5 m Weight: 1Rack: 98 kg 2Rack: 118 kg	<b>Mast compatibility: (see p.50)</b> Mast climber: PEC 130 / PEC 150 Material hoist: MC 2000 Passengers & material hoist: EDC 1700/2000 Transport platform: PTB 3800
-------------------------	---	---

(\*) For greater heights, ask to manufacturer.

## SAFETY DEVICES INCLUDED AND OPTIONS

	INCLUDED	OPTION
<b>GENERALS</b>		
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		✓