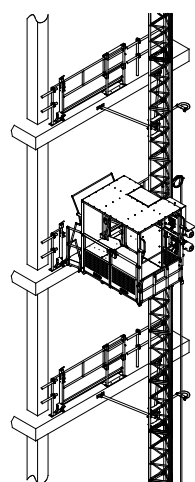


DATA SHEET PT 1200



Mast compatible with other Alba hoists



CPU and automatic floor management



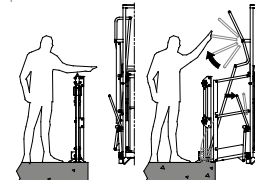
Overspeed parachute with auto-recovery system



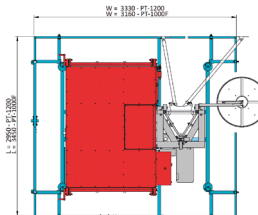
Landing levels call system



Folding ramps with automatic side protection



Installation dimensions



Dual operation mode: persons – loads



TECHNICAL FEATURES

	PT 1200-2V	PT 1000F-2V	PT 1200-1V	PT 1000F-1V
Maximum capacity	7 pax + 500 kg 1.200 kg	7 pax + 300 kg 1.000 kg	12 pax 1.200 kg	10 pax 1.000 kg
Cage dimensions (LxWxH)	2 x 1,4 x 2,1 m	2,5 x 1,4 x 2,1 m	2 x 1,4 x 2,1 m	2,5 x 1,4 x 2,1 m
Vertical speed	12÷20 m/min.		20 m/min.	
Motor power	2 x 3 kW		2 x 3 kW (50 Hz) 2 x 3,6 kW (60 Hz)	
Motor control	FREQUENCY CONVERTER		DIRECT	
Maximum height	120 m			
Anchorage each (max.)	6 m (*)			
Height over last anchorage	1,5 m			
First anchorage height	6 m			
Loading height-to-ground	400 mm			
Maximum load (assembly)	300 kg			
Noise emission value	<70 dB			
Normative reference	EN-16719		EN-12158	

ELECTRICAL DATA

	PT 1200/1000F-2V	PT 1200/1000F-1V	
	50 Hz	50 Hz	60 Hz
Motor power	2 x 3 kW	2 x 3 kW	2 x 3,6 kW
Input power connection	380÷460 V – 50/60Hz.	400 V – 50Hz	440 V – 60Hz 380 V – 60Hz
Power consumption	7,5 kW	6 kW	7,2 kW
Nominal current	17 A	14 A	15 A // 17 A
Supply power	20 kVA		
Starting current	-	70 A	83 A 97 A
Overload protection	3 x 25 A		
Differential protection Calibre Sensitivity	25 A 300 mA		
Control voltage	48 V		
Auxiliar handtools socket	230 V – 50/60 Hz 1200W		
Cable section	4 x 6 mm ²		

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		
- Sup/inf. 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	✓	
Hoist control CPU, with event log	✓	
Superior / Inferior endtrack limit switch	✓	
Safety endtrack limit switch	✓	
Overload detection device	✓	
Mast presence switch	✓	
Last mast without rack	✓	
Aux. catwalk for 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 griser		✓

MAST SECTION



Triangle mast
Length: 1,5 m
Weight: 47 kg

Mast compatibility: (see p.20)
Mast climber: PEC 120
Material hoist: MC 1000
Passengers & material hoist: EPM 1000