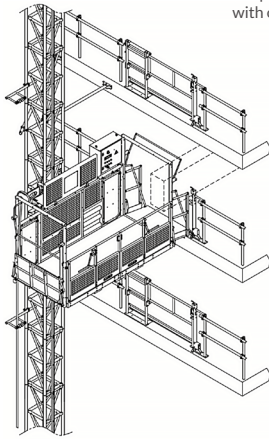
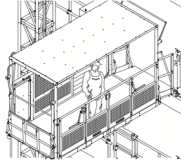


DATA SHEET PT1800

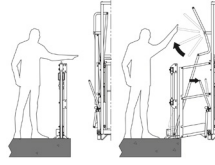
Mast compatible with other



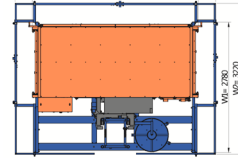
Falling object protection guard - removable



Folding ramps with automatic side protection



Installation dimensions



Overspeed parachute with auto-recovery system



CPU and automatic floor management



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 kg 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	500 mm			
with cable trolley	600 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 - 50 Hz	440 V - 60 Hz	
Power consumption	15 kW	11 kW		
Nominal current	32 A	25 A		
Supply power	30 kVA	20 kVA		
Overload protection	3x32 A			
Differential protection				
Calibration	32 A			
Sensitivity	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

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	✓