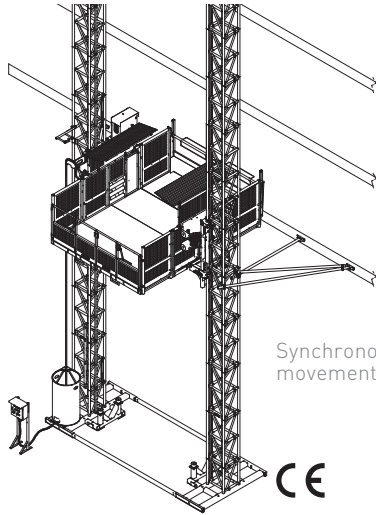


DATA SHEET PTB 3800



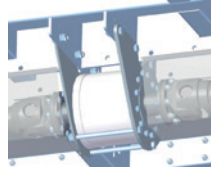
Synchronous mast movement



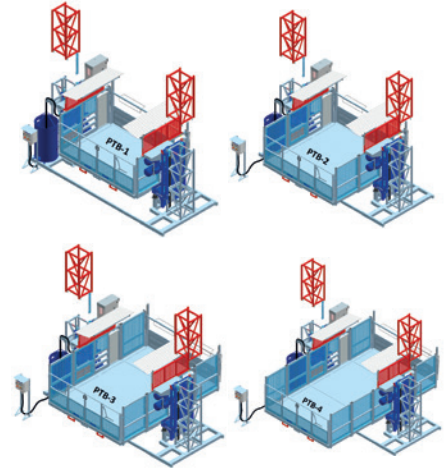
Dual operation mode:
persons – loads



Double shaft parachute with auto-recovery system



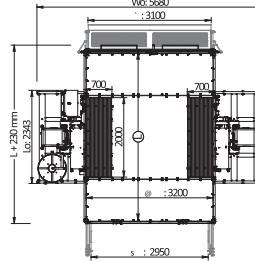
Platform assembly options



CPU and automatic floor management



Platform general dimensions



TECHNICAL FEATURES

Cage dimensions (W x L)	Maximum capacity	
	3.200 x 2.100 mm	3.800 kg – (7pax)
3.200 x 3.200 mm	3.500 kg – (7pax)	
3.200 x 4.200 mm	3.200 kg – (7pax)	
3.200 x 5.300 mm	2.900 kg – (7pax)	
PLATFORM MODEL	PTB 3800-2V	PTB 3800-1V
Vertical speed	12 ÷ 22 m/min	20 m/min
Motor control	FREQUENCY CONVERTER	DIRECT
Maximum height (*)	250 m (*)	
Anchorage each (max.)	12 m	
Height over last anchorage	3 m	
First anchorage height	6 m	
Loading height-to-ground with cable bin with cable trolley	800 mm 1.150 mm	
Transport dimensions (LxWxH)	2.350 x 5.680 x 2.400 mm	
Regulations reference	EN-16719 ; 2006/42/CE	EN-12158

ELECTRICAL DATA

	PTB 3800-2V	PTB 3800-1V	
	50/60 Hz	50 Hz	60 Hz
Motor power	4 x 5,5 kW	4 x 5,5 kW	4 x 6,6 kW
Input power connection	380÷460 V – 50/60Hz.	400 V – 50Hz	440 V – 60Hz
Power consumption	30 kW	26 kW	
Nominal current	50 A	48 A	
Supply power	50 kVA	40 kVA	
Overload protection	3 x 63 A		
Differential protection			
Calibration	63 A		
Sensitivity	300 mA		
Control voltage	48 V		
Auxiliar handtools socket	230 V – 50/60 Hz 1200 W		
Cable section	4 x 16 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

(*) For greater heights, ask to manufacturer.

In our constant improving, we reserve the right to make modifications. The images in this catalogue are merely illustrative and in no case contractual.

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 [removable]	✓	
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 and equipment for mast assembly		✓
Automatic greasing system for rack and pinion		✓
Cage floor of non-slipping galvanized steel	✓	
Movement warning horn (LAST 2 m)	✓	PTB 2V
Phase control	✓	
Emergency stop	✓	
Landing levels call system		✓
Parachute test remote control		✓
Automatic greaser		✓