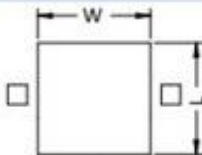


Cage dimensions (W x L):		Maximum capacity:
	3.200 x 2.100 mm.	3.800 Kg – (7 ↑)
	3.200 x 3.200 mm.	3.500 Kg – (7 ↑)
	3.200 x 4.200 mm.	3.200 Kg – (7 ↑)
	3.200 x 5.300 mm.	2.900 Kg – (7 ↑)
PLATFORM MODEL:	PTB-3800-2V	PTB-3800-1V
Vertical speed:	12 + 22 m/min	20 m/min
Motor control:	FREQUENCY CONVERTER	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:	800 mm.	
with cable trolley:	1.150 mm.	
Mast section	M550	
Length:	1,5 m.	
Weight – 1Rack:	98 Kg	
Weight – 2Rack:	118 Kg	
Transport dimensions (L x W x H):	2.350 x 5.680 x 2.400 mm	
Normative reference:	EN-16719 ; 2006/42/CE	EN-12158

^(*) h < 150 m. → Standard mast, h > 150 m. → Reinforced mast.

SAFETY DEVICES INCLUDED AND OPTIONS

	INCLUDED	OPTION
- 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		- LAST 2 m. ZONE
- END OF MAST		- OVERSPEED PARACHUTE
- SUP/HF, ENDTRACK	✓	- CAGE OVERLOAD
- AUX. CRANE INTERFERING		- MOTOR OVERHEAT FAULT
- FAULT ON BRAKE OF MOTOR		- HOIST FREE / BUSY
- Buffers at the ground base	✓	
- Falling object protection guard (removable)	✓	
- 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. 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		✓

OTHER ALBA HOISTS WITH MAST COMPATIBLE

- Mast climbing work platform	PEC-130, PEC-150
- Builders hoist for passengers and materials	EDC-1700/2000/ECO
- Builders hoist for materials	MC-2000FA/B

Motor-characteristics* class="clearfix" >

ELECTRICAL DATA

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 consuption:	30 KW.	26 KW.	
Nominal current:	50 A.	48 A.	
Supply power:	50 KVA.	40 KVA.	
Overload protection:	3 x 63 A.		
Differential protection			
Calibre:	63 A.		
Sensitivity:	300 mA.		
Control voltage:	48 V.		
Auxiliar handtools socket:	230 V – 50/60 Hz. 1200 W.		
Cable section:	4 x 16 mm²		