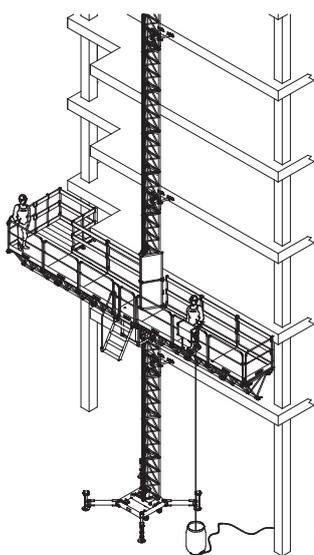
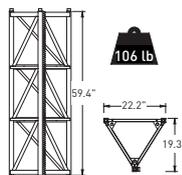


DATA SHEET PEC 120



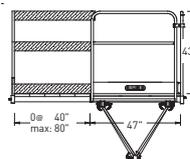
Mast compatible with other Alba hoists

High strength and reduced weight



Mast compatible with PEC-150

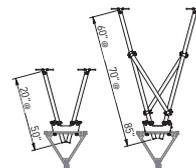
Platform with auxiliary extension



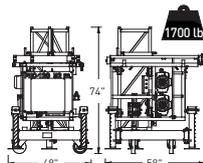
Panel with validating control system



Arrangement of anchors

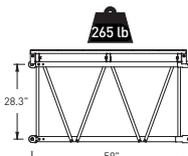


Main motor-group

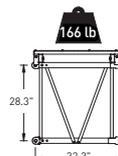


DIMENSIONS AND WEIGHTS

Platform module 1500



Platform module 820 (32.3")



Platform module 510 (20")



TECHNICAL FEATURES

	SINGLE MAST	TWIN MAST
Maximum length	32 ft – 9 in	105 ft – 9 in
Maximum load	4,000 lb	8,900 lb
Vertical speed	30 ft/min	
Platform width	47 in	
Platform extension	Standard: 40 in Max.: 80 in	
Motor power	2 x 2.2 kW (50 Hz) 2 x 2.65 kW (60 Hz)	4 x 2.2 kW (50 Hz) 4 x 2.65 kW (60 Hz)
Maximum height	400 ft	
Anchorage each (max.)	20 ft	
Height over last anchorage	5 ft	
First anchorage height (max.)	20 ft	
Loading height-to-ground	47 in	
Regulations reference	ANSI A92.9	

ELECTRICAL DATA

	SINGLE MAST		TWIN MAST	
	50 Hz	60 Hz	50 Hz	60 Hz
Motor power	2 x 2.2 kW	2 x 2.65 kW	4 x 2.2 kW	4 x 2.65 kW
Input power connection (*)	400 V – 50 Hz	460 V – 60 Hz(*)	400 V – 50 Hz	460 V – 60 Hz(*)
Power consumption	4.4 kW	5.3 kW	8.8 kW	10.6 kW
Nominal current	12 A		24 A	
Supply power	10 kVA		20 kVA	
Starting current	66 A		132 A	
Overload protection	4 x 32 A			
Differential protection Calibre Sensitivity	32 A 300 mA			
Control voltage	48 V			
Auxiliar handtools socket	230 V – 50 Hz 16 A 265 V – 60 Hz 16 A			
Cable section	4 x AWG 10 ²		4 x AWG 8 ²	

MAST SECTION	 <p>Triangle mast Length: 59.4 in Weight: 106 lb</p>	<p>Mast compatibility: (see p.20) Material hoist: MC 1000 Passengers & material hoist: EPM 1000 Transport platform: PT 1200</p>
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(*) Transformer 220-460 V available for 220 V-60 Hz main supply. Ask to manufacturer.

SAFETY DEVICES INCLUDED AND OPTIONS

INCLUDED

- Gearmotors with electromechanical brake
- Safety centrifugal brake
- Emergency lowering lever
- Platform door with safety microswitch
- Buffers at the ground base
- Panel with validating control system
- Upper/lower endtrack limit switch
- Safety endtrack limit switch
- Mast presence detector
- Last mast without rack
- Automatic leveling system
- Platform floor of non-slipping galvanized steel
- Movement warning horn
- Phase control relay and warning led
- Emergency stop
- Base frame equipped with wheels
- Auxiliary hand tools socket
- Input power connector with phase quick-change

OPTION

- Platform extension of special length
- Modular floors for platform extension
- Internal perimeter handrail posts
- Safety networks to avoid falling materials
- Angle 45° platform por special assemblies
- Jib-crane rail system for load handling
- Telescopic lateral handrail
- Load limiter
- Automatic greaser