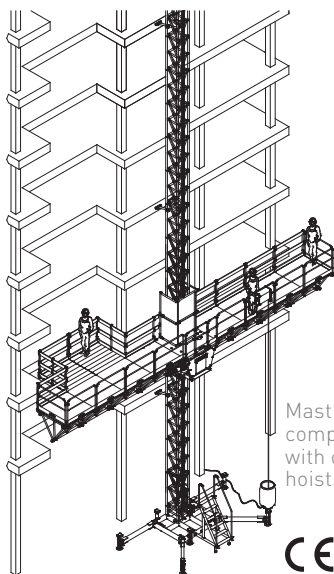
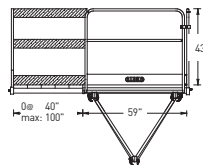


# DATA SHEET PEC 150



Mast compatible with other Alba hoists

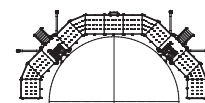
Platform with auxiliary extension



Panel with validating control system

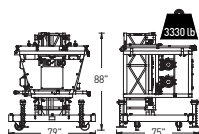


Angle 45° platform for special assemblies

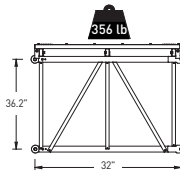


## DIMENSIONS AND WEIGHTS

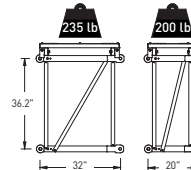
Main motor-group



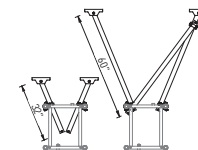
Platform module 1500



Platform module 820 / 510



Arrangement of anchors



## TECHNICAL FEATURES

	SINGLE MAST	TWIN MAST
Maximum length	44 ft – 10 in	124 ft
Maximum load	6,000 lb	11,100 lb
Vertical speed	30 ft/min	
Platform width	59 in	
Platform extension	Standard: 40 in Max: 100 in	
Motor power	2 x 3 kW (50 Hz) 2 x 3.6 kW (60 Hz)	4 x 3 kW (50 Hz) 4 x 3.6 kW (60 Hz)
Maximum height (*)	820 ft	
Anchorage each (max.)	40 ft	
Height over last anchorage	5 ft	
First anchorage height (max.)	30 ft	
Loading height-to-ground	78 in	
Regulations reference	ANSI A92.9	

## ELECTRICAL DATA

	SINGLE MAST		TWIN MAST	
	50 Hz	60 Hz	50 Hz	60 Hz
Motor power	2 x 3 kW	2 x 3.6 kW	4 x 3 kW	4 x 3.6 kW
Input power connection (**)	400 V – 50 Hz	460 V-60 Hz(*)	400 V – 50 Hz	460 V-60 Hz(*)
Power consumption	6 kW	7.2 kW	12 kW	14.4 kW
Nominal current	14 A		28 A	
Supply power	15 kVA		25 kVA	
Starting current	70 A		140 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		4 x AWG 8	

<p><b>MAST SECTION</b></p>	<p><b>Square mast</b> Length: 58.6 in Weight: 218 lb</p>	<p><b>Mast compatibility: (see p.20)</b> Mast climber: PEC 130 Material hoist: MC 2000 Passengers &amp; material hoist: EDC 2000 Transport platform: PT 1800 and PTB 3800</p>
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(\*) h < 500 ft => Standard mast, h > 1500 ft => Reinforced mast.  
(\*\*) Transformer 220-460 V available for 220 V-60 Hz main supply. Ask to manufacturer.

## SAFETY DEVICES INCLUDED AND OPTIONS

- 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

- Aux. crane for mast assembly
- 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