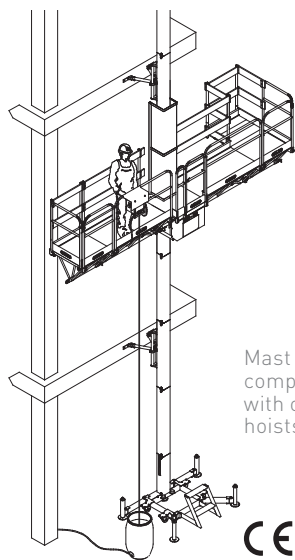
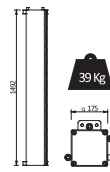


DATA SHEET PEC 90

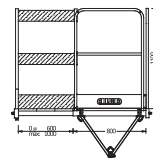


Mast compatible with other Alba hoists

Easy to transport, handling and assembly



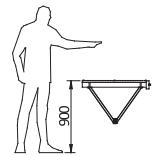
Platform with auxiliary extension



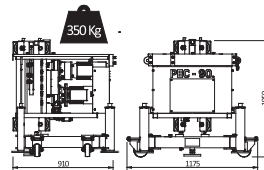
Panel with validating control system



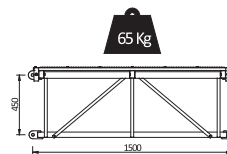
Height-to-ground reduced



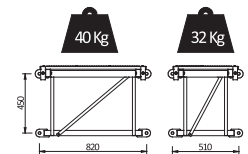
Main motor-group



Platform module 1500



Platform module 820 / 510




TECHNICAL FEATURES

	SINGLE MAST	TWIN MAST
Maximum length	6,81 m	22,62 m
Maximum load	1.000 kg	2.100 kg
Vertical speed	7 m/min (50 Hz) // 8,5 m/min (60 Hz)	
Platform width	800 mm	
Platform extension	Standard: 600 mm Max.: 1.000 mm	
Motor power	2 x 0,75 kW (50 Hz) 2 x 0,90 kW (60 Hz)	4 x 0,75 kW (50 Hz) 4 x 0,90 kW (60 Hz)
Maximum height (*)	120 m (*)	
Anchorage each (max.)	6 m	
Height over last anchorage	1,5 m	
First anchorage height (max.)	6 m	
Loading height-to-ground	900 mm	
Regulations reference	2006/42/CE ; EN-1495	

ELECTRICAL DATA

	SINGLE MAST		TWIN MAST	
	50 Hz	60 Hz	50 Hz	60 Hz
Motor power	2 x 0,75 kW	2 x 0,90 kW	4 x 0,75 kW	4 x 0,90 kW
Input power connection (**)	400 V - 50Hz	460 V - 60Hz(**)	400 V - 50Hz	460 V - 60Hz(**)
Power consumption	1,5 kW	1,8 kW	3 kW	3,6 kW
Nominal current	4 A		8 A	
Supply power	5 kVA		10 kVA	
Starting current	20 A		40 A	
Overload protection	4 x 16 A			
Differential protection Calibration Sensitivity	16 A 300 mA			
Control voltage	48 V			
Auxiliar handtools socket	230 V - 50Hz 16 A 265 V - 60Hz 16 A			
Cable section	5 x 2,5 mm ²		5 x 4 mm ²	

MAST SECTION 	Single square tube Length: 1,5 m Weight: 39 kg	Mast compatibility: (see p.50) Transport platform: PT 450 Material hoist: MC 450
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(*) For heights exceeding 90 m, ask to manufacturer.

(**) Transformer 220-460 V available for 220 V-60 Hz main supply. Ask to manufacturer.

Optional: Available single phase connection 230 V-1 ph-50/60 Hz. Single mast: 10 A / Twin mast: 20 A.

SAFETY DEVICES INCLUDED AND OPTIONS

INCLUDED

- _____ Gearmotors with electromechanical brake
- _____ Safety centrifugal brake
- _____ Emergency lowering lever
- _____ Platform door with automatic self-closing
- _____ 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
- _____ Motor fault led and recovery push-button
- _____ 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 extensión of special lenght
- _____ Modular floors for platform extension
- _____ Internal perimeter handrail posts
- _____ Safety networks to avoid falling materials
- _____ Angle 45° platform por special assemblies
- _____ Load limiter
- _____ Automatic greaser