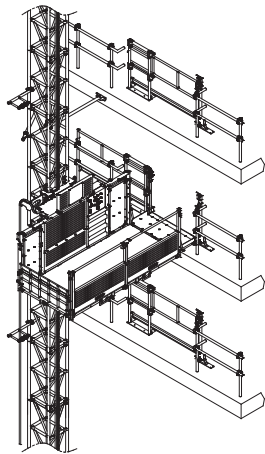


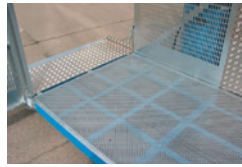
DATA SHEET MC 2000



Mast compatible with other Alba hoists



Load door opening
L = 122 in (MC 2000FA)



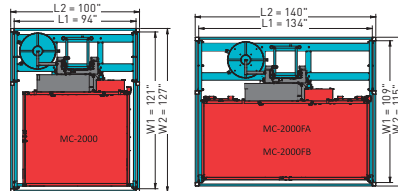
CPU and automatic floor management



Landing levels call system



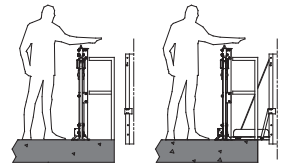
Installation dimensions



Overspeed parachute with auto-recovery



Landing doors with mechanical / electrical interlock



TECHNICAL FEATURES

	MC 2000	MC 2000FA	MC 2000FB
Cage dimensions (LxW)	79 in x 69 in	126 in x 55 in	
Maximum capacity		4,450 lb	
Vertical speed		66 ft/min	
Motor control		DIRECT	
Maximum height (*)		820 ft (*)	
Anchorage each (max.)		30 ft	
Height over last anchorage		10 ft	
First anchorage height		20 ft	
Loading height-to-ground with cable bin with cable trolley		2 ft 3 ft	
Maximum load (assembly)		1,100 lb	
Noise emission value		<70 dB	
Regulations reference		ANSI A10.5	

SAFETY DEVICES INCLUDED AND OPTIONS

	INCLUDED	OPTION
GENERALS		
Gearmotors with electromechanical brake	✓	
Overspeed parachute with auto-recovery system	✓	
Emergency lowering lever	✓	
3rd. door on cage (front side), only for MC 2000		✓
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	✓	
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 for mast assembly		✓
Motors with brake wear signal		✓
Cage floor of non-slipping galvanized steel	✓	
Phase control	✓	
Emergency stop	✓	
Landing levels call system		✓
Parachute test remote control		✓
Automatic greaser		✓

ELECTRICAL DATA

	50 Hz	60 Hz
Motor power	2 x 5.5 kW	2 x 6.6 kW
Input power connection	400 V - 50Hz	440 V - 60Hz
Power consumption	11 kW	14 kW
Nominal current	25 A	25 A
Supply power	30 kVA	
Starting current	140 A	
Overload protection	4 x 32 A	
Differential protection		
Calibre	32 A	
Sensitivity	300 mA	
Control voltage	48 V	
Auxiliar handtools socket	230 V - 50/60 Hz 1200 W	
Cable section	4 x AWG 8	

MAST SECTION



Square mast
Length: 58.6 in
Weight:
1Rack: 218 lb
2Rack: 260 lb

Mast compatibility: [see p.20]
Mast climber: PEC 150
Passengers & material hoist: EDC 2000
Transport platform: PT 1800 y PTB 3800

(*) h < 500 ft → Standard mast, / h > 500 ft → Reinforced mast.