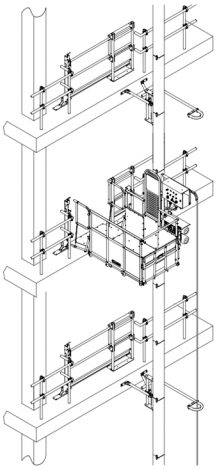


# DATA SHEET MC 650



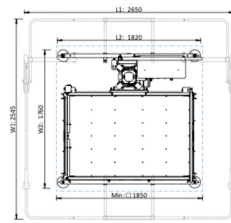
Mast compatible with other Alba hoists



CPU and automatic floor management



Installation dimensions



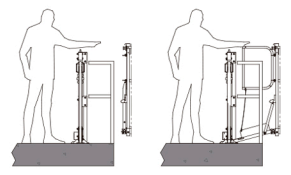
Landing levels call system



Overspeed parachute with auto-recovery system



Folding ramps with automatic side protection



## TECHNICAL FEATURES

	MC 650
Maximum capacity	650 kg
Vertical speed	18 m/min (50 Hz) 21 m/min (60 Hz)
Cage dimensions (LxW)	1.550 x 1.040 mm
Minimum hoistway	□ 1.850 x 1.850 mm
Motor control	DIRECT
Maximum height (*)	120 m (*)
Anchorage each (max.)	6 m
Height over last anchorage	1,5 m
First anchorage height	4 m
Minimum load height	350 mm
Maximum load (assembly)	200 kg
Noise emission value	<70 dB
Regulations reference	2006/42/CE ; EN-12158

## SAFETY DEVICES INCLUDED AND OPTIONS

	INCLUDED	OPTION
Gearmotor with electromechanical brake	✓	
Overspeed parachute with auto-recovery system	✓	
Emergency lowering lever	✓	
Cage door with automatic side protection	✓	
Landing doors with mechanical / electrical interlock		✓
Base frame enclosure		✓
Hoist control display with signaling LEDs:	✓	
- Cage door open		
- Landing door open		
- Enf of mast		
- Upper/lower endtrack		
- Aux. Crane interfering		
- Last 2 m zone		
- Overspeed parachute		
- Cage overload		
- Motor overheat fault		
- Hoist free / busy		
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	✓	
Cage floor of non-slipping galvanized steel	✓	
Phase control	✓	
Emergency stop	✓	
Landing levels call system		✓
Parachute test remote control		✓

## ELECTRICAL DATA

	MC 650	
	50 Hz	60 Hz
Motor power	2 x 1,5 kW	2 x 1,8 kW
Input power connection	400 V – 50Hz	440 V – 60Hz
Power consumption	3 kW	3,6 kW
Nominal current	7,5 A	
Supply power	8 KVA	
Starting current	38 A	
Overload protection	4 x 10 A	
Differential protection		
Calibre	10 A	10 A
Sensitivity	300 mA	300 mA
Control voltage	48 V	
Auxiliar handtools socket	230 V – 50/60 Hz 1.200 W	
Cable section	4 x 2,5 mm <sup>2</sup>	

### MAST SECTION



Single square tube  
Length: 1,5 m  
Weight: 39 kg

**Mast compatibility:** (see p.50)  
Mast climber: PEC 90  
Transport platform: PT 450  
Material hoist: MC 450

(\*) For heights exceeding 90 m, ask to manufacturer.