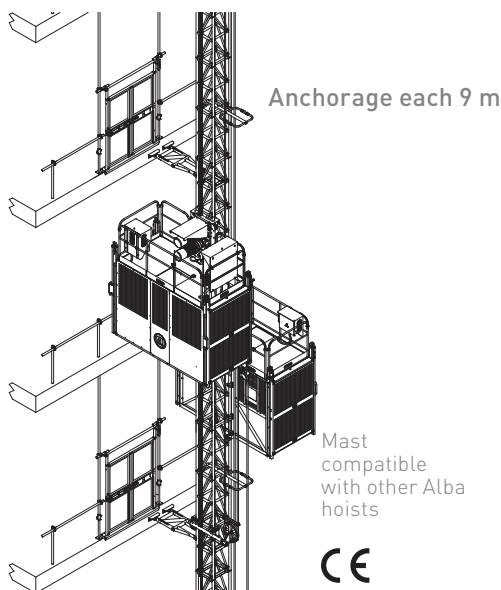
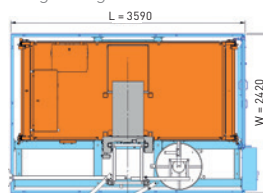


## DATA SHEET EDC 1700/2000

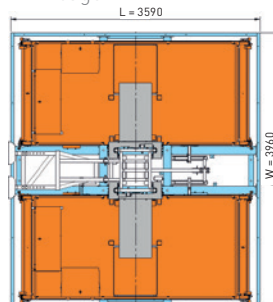


Installation dimensions

Single cage



Twin cage



Single or twin cage

CPU and automatic floor management



Overspeed parachute with auto-recovery system



Landing levels call system



## SAFETY DEVICES INCLUDED AND OPTIONS

	INCLUDED	OPTION
<b>GENERALS</b>		
Gearmotors with electromechanical brake	✓	
Overspeed parachute, with auto-recovery system	✓	
Emergency lowering lever	✓	
Cage doors with mechanical / electrical interlock	✓	
Landing doors with mechanical / electrical interlock		✓
Base enclosure according to EN-12159		✓
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		
Buffers at the ground base	✓	
Hoist control CPU, with event log	✓	
Encoder based positioning system	✓	
Upper/lower endtrack limit switch	✓	
Safety endtrack limit switch	✓	
Overload detection device	✓	
Mast presence switch	✓	
Last mast without rack	✓	
Aux. crane for mast assembly		✓
Frequency converter motor start control	✓	EDC 2000
Bi-metal PTC thermal probe	✓	EDC 2000
Motors with brake wear signal		✓
Cage floor of non-slipping galvanized steel	✓	
Movement warning horn	✓	
Phase control	✓	
Emergency stop	✓	
Emergency exit, accessible roof with safety railing	✓	
Landing levels call system		✓
Parachute test remote control		✓
Operator aux. external cage		✓
Add-on platform for anchorage assembly		✓
Automatic greaser		✓

## TECHNICAL FEATURES

	EDC 1700-20	EDC 2000-40	EDC 2000-60
Maximum capacity	20 pax / 1.700 kg	20 pax / 2.000 kg	
Vertical speed	20 m/min	40 m/min	60 m/min
Cage dimensions (LxWxH)	3.200 x 1.400 x 2.100 mm		
Motor power	2 x 5,5 kW [50 Hz] 2 x 6,6 kW [60 Hz]	2 x 11 kW	
Motor control	DIRECT	FREQUENCY CONVERTER	
Control mode	Automatic or Hold-to-run		
Maximum height (*)	250 m		
Anchorage each (max.)	9 m		
Height over last anchorage	3 m		
First anchorage height	6 m		
Loading height-to-ground with cable bin with cable trolley	400 mm 700 mm		
Maximum load (assembly)	500 kg		
Noise emission value	<70 dB		
Regulations reference	EN-12159 ; 2006/42/CE		

## ELECTRICAL DATA

	EDC 1700-20	EDC 2000-40	EDC 2000-60
Motor power	2 x 5,5 kW [50 Hz] 2 x 6,6 kW [60 Hz]	2 x 11 kW	
Input power connection	400 V - 50 Hz 440 V - 60 Hz	380 ÷ 460V - 50/60 Hz	
Power consumption	11 kW	30 kW	45 kW
Nominal current	25 A	50 A	90 A
Supply power	20 kVA	50 kVA	75 kVA
Starting current	32 A	63 A	125 A
Overload protection	3 x 32 A	3 x 63 A	3 x 125 A
Differential protection Calibration Sensitivity	32 A 300 mA	63 A 300 mA	125 A 300 mA
Control voltage	48 V		
Auxiliar handtools socket	230 V - 50/60 Hz 1200 W		
Cable section	4 x 10 mm <sup>2</sup>	4 x 16 mm <sup>2</sup>	4 x 25 mm <sup>2</sup>

## MAST SECTION



**Square mast**  
Length: 1,5 m  
Weight:  
1Rack: 98 kg  
2Rack: 118 kg

**Mast compatibility: (see p.20)**  
Mast climbers:  
PEC 130 / PEC 150  
Material hoist: MC 2000  
Transport platform: PT 1800 / PTB 3800

(\*) h < 150 m → Standard mast, h > 150 m → Reinforced mast.