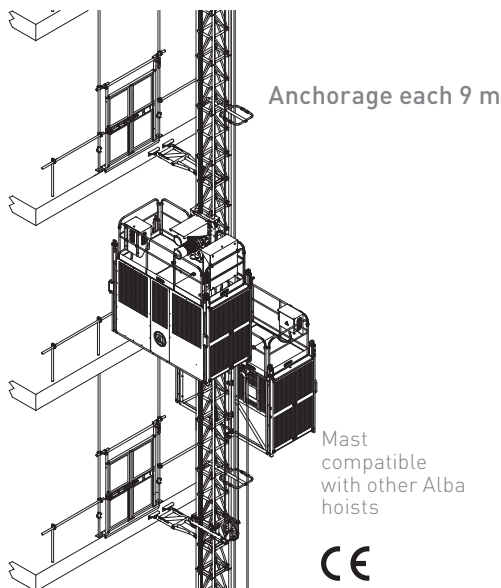
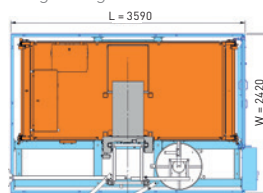


DATA SHEET EDC 1700/2000

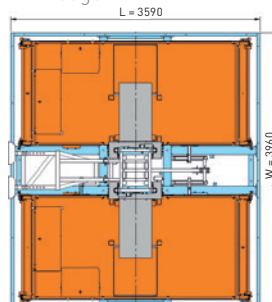


Installation dimensions

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
GENERALS		
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		✓
Frecuency 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 ²	4 x 16 mm ²	4 x 25 mm ²

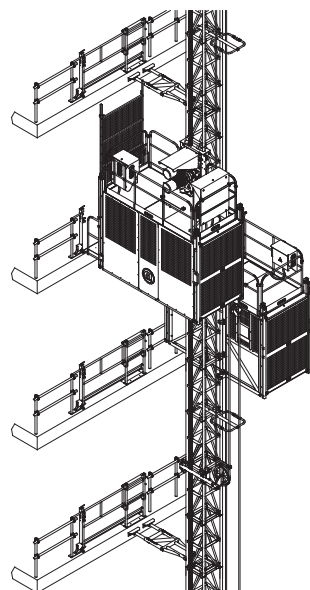
MAST SECTION

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

Mast compatibility: (see p.50)
Mast climbers:
PEC 130 / PEC 150
Material hoist: MC 2000
Transport platform: PT 1800 / PTB 3800

(*) For greater heights, ask to manufacturer.

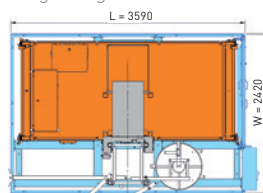
DATA SHEET EDC 2000 ECO



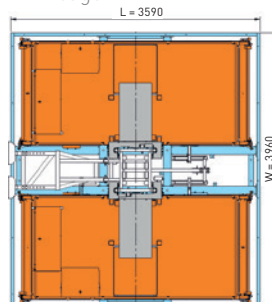
Mast compatible with other Alba hoists

Installation dimensions

Single cage



Twin cage



Single or twin cage



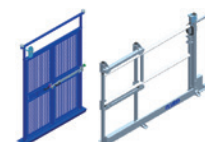
Overspeed parachute with auto-recovery system



Control panel intuitive & easy to use



Landing doors of complete or reduced height



SAFETY DEVICES INCLUDED AND OPTIONS

INCLUDED OPTION

GENERALS

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	✓
Red LED indicator of power service	✓
Yellow LED indicator of safety devices	✓
Buffers at the ground base	✓
Upper/lower endtrack limit switch	✓
Safety endtrack limit switch	✓
Overload detection device	✓
Mast presence switch	✓
Last mast without rack	✓
Aux. crane for mast assembly	✓
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	✓
Parachute test remote control	✓
Operator aux. external cage	✓
Add-on platform for anchorage assembly	✓
Automatic greaser	✓

TECHNICAL FEATURES

	EDC 2000ECO
Maximum capacity	20 pax / 2.000 kg
Vertical speed	0 - 36 m/min
Cage dimensions (LxWxH)	3.200 x 1.400 x 2.100 mm
Motor power	2 x 11 kW
Motor control	FREQUENCY CONVERTER
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	400 mm
with cable trolley	700 mm
Maximum load (assembly)	500 kg
Noise emission value	<70 dB
Regulations reference	EN-12159 ; 2006/42/CE

ELECTRICAL DATA

	EDC 2000ECO
Motor power	2 x 11 kW
Input power connection	380 ÷ 460 V - 50/60 Hz
Power consumption	30 kW
Nominal current	50 A
Supply power	50 kVA
Starting current	63 A
Overload protection	3 x 63 A
Differential protection	
Calibration	63 A
Sensitivity	300 mA
Control voltage	48 V
Auxiliar handtools socket	230 V - 50/60 Hz - 1.200 W
Cable section	3 x 16 mm ² + PE

MAST SECTION



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

Mast compatibility: (see p.50)
Mast climbers:
PEC 130 / PEC 150
Material hoist: MC 2000
Transport platform: PT 1800 / PTB 3800

(*) For greater heights, ask to manufacturer.