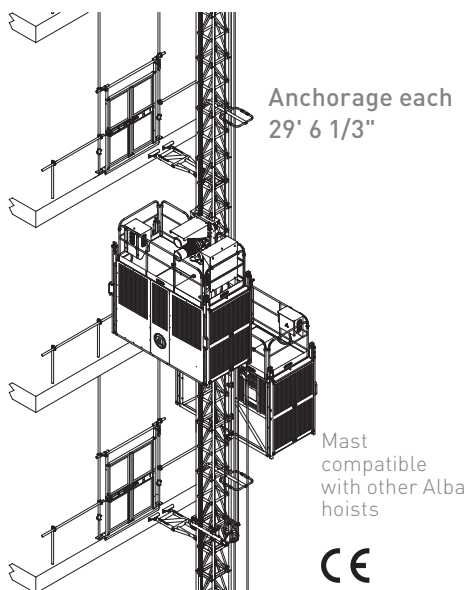
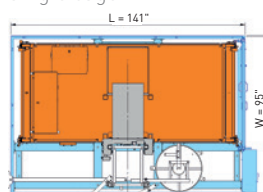


DATA SHEET EDC 2000

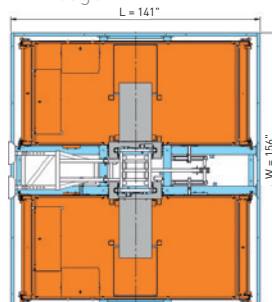


Installation dimensions

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		✓
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 2000-40	EDC 2000-60
Maximum capacity	22 pax / 4,550 lb	
Vertical speed	0 ~ 132 ft/min	0 ~ 196 ft/min
Cage gross inner dimensions (LxWxH)	10' 6" x 4' 7" x 6' 11"	
Net inner dimensions (LxW)	9' 10" x 4' 7"	
Motor power	2 x 11 kW	
Motor control	FREQUENCY CONVERTER	
Control mode	Automatic or Hold-to-run	
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	2 ft	
with cable trolley	3 ft	
Maximum load (assembly)	1,100 lb	
Noise emission value	<70 dB	
Regulations reference	ANSI A10.4 / CSA Z185	

ELECTRICAL DATA

	EDC 2000-40	EDC 2000-60
Motor power	2 x 11 kW	
Input power connection	380 ÷ 460V - 50/60 Hz	
Power consumption	30 kW	45 kW
Nominal current	50 A	90 A
Supply power	50 kVA	75 kVA
Starting current	63 A	125 A
Overload protection	3 x 63 A	3 x 125 A
Differential protection Calibration Sensitivity	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 AWG 6	4 x AWG 4

MAST SECTION

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

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

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