

# EDC 2000



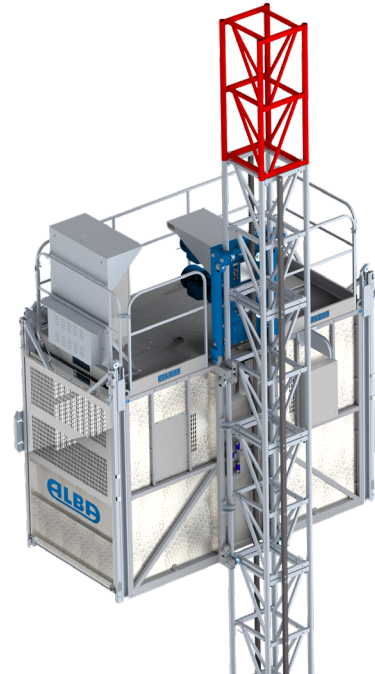
## Construction Hoist

RACK & PINION

AN ECONOMICAL SOLUTION TO TRANSPORT PERSONNEL FOR THE CONSTRUCTION OF MEDIUM HEIGHT BUILDINGS

The EDC 2000 is designed to quickly lift up to 20 personnel and with its advanced technological capabilities, it can store information for the automatic selection of floors.

Available in a double cabin configuration for extra productivity, the EDC 2000 climbs a square mast which gives it great stability and compatibility. The 550 mast configuration is a lighter weight, more economical alternative to the larger 650 mast used with similar construction hoists.



### Main Features:

- Max. load capacity: 4400 lb (2000 kg)
- Max. speed: 196 ft/min (60 m/min)
- Max. height: 820 ft (250 m) (inquire about greater heights)
- Cabin dimensions: 10' 6" x 4' 7" x 6' 11" (3.2 m x 1.4 m x 2.1 m)

## THE BEST SOLUTION FOR PERSONNEL TRANSPORT



### MAST SECTION

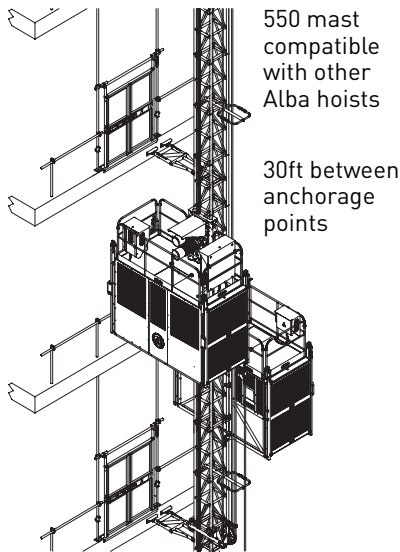


**Square Mast (550)**  
Length: 58" (1.5 m)  
Weight:  
1 Rack: 216 lb (98 kg)  
2 Rack: 260 lb (118 kg)

### Mast Compatibility

Mast climber: PEC 130 / PEC 150  
Material hoist: MC 2000  
Transport platform: PT 2000 / PTB 3800

# DATA SHEET | EDC 2000



CPU and automatic floor management



Landing levels call system



Overspeed parachute with auto-recovery system

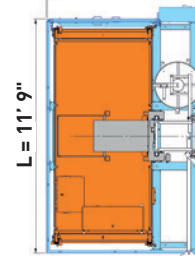


Single or Double Cage Configurations Using a Single Mast



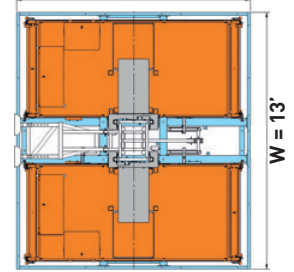
Single Cabin

W = 7' 11"



Double Cabin

L = 11' 9"



## SAFETY DEVICES

### INCLUDED

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with mechanical / electrical interlock
- Hoist control display with LED signaling
- Encoder based positioning system
- Buffers at the ground base
- Hoist control CPU, with event log
- Upper/lower end-track limit switch
- Safety end-track limit switches
- Overload detection device
- Mast presence switch
- Last mast without rack for safety
- Aux. catwalk for anchorage assembly
- Non-slip galvanized steel cage floor
- Movement warning horn
- Phase detection control
- Emergency stop
- Emergency exit, accessible roof with safety railing
- Frequency converter motor start control
- Bi-metal PTC thermal probe

### OPTIONAL

- Landing doors with mechanical / electrical interlock
- Base enclosure according to EN-12159
- Aux. crane for mast assembly
- Motors with brake wear signal
- 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	20 people / 4400 lb (2000 kg)	
Vertical speed	0 - 132 ft/min (40 m/min)	0 - 196 ft/min (60 m/min)
Cage dimensions (LxWxH)	10' 6" x 4' 7" x 6' 11" (3.2 m x 1.4 m x 2.1 m)	
Net inner dimensions (LxW)	9' 10" x 4' 7" (3 m x 1.4 m)	
Motor control	FREQUENCY CONVERTER	
Control mode	Automatic or Hold-to-run	
Maximum height	820 ft (250 m)	
Anchorage distance (max.)	30 ft (9 m)	
Height over last anchorage	10 ft (3 m)	
First anchorage height	20 ft (6 m)	
Loading height-to-ground with cable bin	16 in (40 cm)	
with cable trolley	27.5 in (70 cm)	
Base assembly weight	1100 lb (500 kg)	
Noise emission	<70 dB	
Regulations reference	ANSI A10.4 / CSA Z 185	

## ELECTRICAL DATA

### EDC 2000-40

### EDC 2000-60

Motor power	2 x 11 kW	
Input power connection	380÷460 V – 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	63 A	125 A
Sensitivity	300 mA	300 mA
Control voltage	48 V	
Auxiliary hand tool socket	230 V – 50/60 Hz 1200 W	
Cable section	4 x AWG 6	4 x AWG 4



2145 Indian Road  
West Palm Beach, FL 33409  
T. 561.616.9003  
info@beeaccess.com  
www.beeaccess.com

All Alba hoists are backed by Bee Access industry-leading support, service and training.