

# MC 250



## Material Hoist

### RACK & PINION

#### SUITABLE FOR INSTALLATION INSIDE TUBULAR SCAFFOLDING

The MC 250 model is compatible with all brands of tube and coupler, system and frame scaffolding on the market. It can be equipped with different interchangeable cages depending on the type of loads to be lifted or the requirements of the job.

- Specially designed to be installed inside tubular scaffolding
- Climbs a ladder type mast using a rack & pinion system
- Overspeed parachute with auto-recovery system
- Single phase and three-phase versions
- Heavy duty galvanized steel finish

#### Main Features:

- Max. load capacity: 550 lb (250 kg)
- Max. speed: 65 ft/min (10 m/min)
- Max. height: 200 ft (60 m) (inquire about greater heights)
- Motor power: 1.8 kW (60 Hz)
- Noise emission value: <70 dB



## QUICK & EASY ASSEMBLY, MINIMUM MAINTENANCE



#### MAST SECTION



#### Flat Mast

Length: 6' (1.8 m)  
Weight: 55 lb (39 kg)



#### Standard Carrier

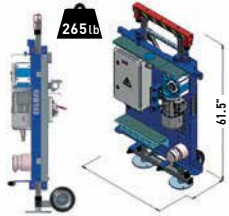
Dimensions: 40" x 30" x 42"  
101 cm x 76 cm x 106 cm



#### System Scaffold Carrier

Dimensions: 36" x 20" x 70"  
92 cm x 51 cm x 178 cm

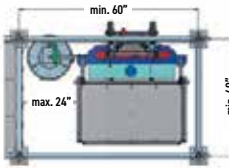
# DATA SHEET | MC 250



Base kit with wheels for easy transportation



Overspeed parachute with auto-recovery system



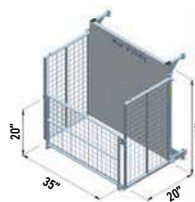
Installation dimensions inside scaffolding



Installation dimensions inside shaft



Carrier built with galvanized steel and aluminium



Standard carrier dimensions



## SAFETY DEVICES INCLUDED AND OPTIONAL

### INCLUDED

- Gearmotor with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- LED for fault detection
- Buffers at the ground base
- Upper track-end buffers
- Upper/Lower track-end limit switch
- Safety track-end limit switch
- Mast presence detector (proximity switch)
- Emergency stop
- System scaffold cage specially designed to hold tubular scaffolding

### OPTIONAL

- Kit for installation of 3 -intermediate stops in mast

## TECHNICAL FEATURES - MC 250

Maximum capacity	550 lb (250 kg)
Vertical speed	65 ft/min
System Scaffold Cage (LxWxH)	36 in x 20 in x 70 in (92 cm x 51 cm x 178 cm)
Standard Carrier (LxWxH)	36 in x 20 in x 36 in (92 cm x 51 cm x 92 cm)
Easy Access Carrier (LxWxH)	52 in x 32 in x 44 in (132 cm x 81 cm x 112 cm)
Motor control	FREQUENCY CONVERTER
Maximum height	200 ft (60 m) (inquire about greater heights)
Anchorage each (max.)	6 ft (1.8 m)
First anchorage height	3 ft (1 m)
Noise emission value	<70 dB
Regulations reference	ANSI A10.5

## ELECTRICAL DATA - 60Hz

Motor power	1.8 kW
Input power connection	208 V
Nominal current	10 A
Supply power	5 kVA
Overload protection	2 x 16 A
Differential protection	
Calibration	16 A
Sensitivity	300 mA
Control voltage	48 V



2145 Indian Road  
 West Palm Beach, FL 33409  
 T. 561.616.9003  
 F. 561.616.9005  
 info@beeaccess.com  
 www.beeaccess.com