



MMAE16

MEC Mast All-Electric Vertical Lifts

- Up to 16 ft. (4.9 m) Platform Height Indoors and 22 ft. (6.7 m) Working Height Indoors
- All-Electric Lift, Steer & Drive (No Hydraulic Oil)
- Optimal Battery Duty Cycle & Energy Efficiency
- AGM Maintenance Free Batteries Standard
- Data Centers, Food, & Pharmaceutical Applications
- Lightweight and Low Ground Pressure
- Ladderless Ground-Level Entry with Full Height Swing Gate
- 78" Overall Height - No Folding Rails to Get Through the Doors
- Glide-Out Deck Extension with Swing Gate
- Rugged Steel Platform and Gate Construction

All-Electric Compact Design Eliminates Leaks for Environmentally Safe Applications



Standard Features

Work Area

Roll-Out Deck Extension with Incremental Locking Positions
Standard Full Height Swing Gate
Lanyard Attachments (2)

Performance

All-Electric - Optimal Battery Duty Cycle
Fully Proportional Drive and Lift Controls
Zero Hydraulic Oil

Power

24v 115Ah AGM Electric Power
Battery Charge Indicator

Serviceability

Lubrication-Free Mast Bearings
Parking Brake Release for Winching

Safety

Dedicated Emergency Lowering Battery
Emergency Shut-Off at Platform and Lower Controls
Non-Skid Metal Deck Construction
Descent Alarm
Drive Speed Interlock
Multi-Axis Tilt Sensor

Other Features

Removable Upper Controls
Voltage-Compensating Fully Automatic Battery Charger
Hour Meter
Machine Tie Downs
Non-Marking Tires
All Motion Alarm
Fork Lift Pockets
Flashing Beacon (Continuous)

Optional Features

900W Inverter
Tool Tray
Second Year Extended Warranty



MEC Aerial Work Platforms

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MMAE16	US	METRIC
Heights		
Indoor Working Height*	22 ft.*	6.7 m*
Outdoor Working Height*	18 ft.*	5.5 m*
Indoor Platform Height	16 ft.	4.9 m
Outdoor Platform Height	12 ft.	3.7 m
Stowed Height (Top of Mast)	78.3 in.	2 m
Guardrail Height	43.3 in.	1.1 m
Ground Clearance (Stowed)	2.5 in.	6.4 cm
Ground Clearance (Elevated)	.55 in.	1.4 cm
Dimensions		
Length-Stowed (Overall)	57 in.	1.45 m
Chassis Width	30 in.	0.76 m
Platform Length (Extended)	60 in.	1.5 m
Platform Length (Retracted)	40 in.	1 m
Roll-Out Deck Length	20 in.	0.5 m
Platform Width (Outside)	30 in.	0.7 m
Wheelbase	47.6 in.	1.21 m
Total Lift Capacity	500 lbs.	227 kg
Personnel Capacity	1 Person	
Roll-Out Deck Capacity	250 lbs.	113 kg
Speed		
Raise/Lower Speed	21 s / 21 s	
Drive Speed (Stowed)	2.5 mph	4.0 km/h
Drive Speed (Elevated)	0.5 mph	.8 km/h
Performance		
Gradeability (Stowed)	25%	
Turning Radius (Inside)	24 in.	0.6 m
Weight	2,170 lbs.**	985 kg
Power Source	24V	
Controls	Proportional Drive and Lift Controls	
Tires	9 in. x 3 in.	230 mm x 80 mm

*Metric equivalent of working height adds 2m to platform height. U.S. adds 6 ft. to platform height.
**Weight may vary with certain options or configurations.

Important - MEC mast lifts must be on a hard level surface while elevated.

Warranty - MEC Aerial Work Platforms carry a one (1) year warranty on defective component parts and a five (5) year warranty on defective structural parts. This warranty applies to the original owner only. Consult your MEC dealer for warranty details.

Meets or exceeds the requirements of ANSI A92.20 and CSA B354.6.

Specifications subject to change without notice. Photos and diagrams in this brochure are for illustrative purposes only. Contact your MEC distributor for detailed instructions on the proper use and maintenance of this equipment.

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