



SCISSOR LIFT



4555^{AE}

All-Electric Slab Scissor Lift

- 45 ft. (13.7m) Platform Height Indoors and 51 ft. (15.7 m) Working Height Indoors
- Drives Indoors at Full 45 ft. (13.7 m) Platform Height / Drives Outdoors at 35 ft. (10.7 m) Platform Height
- All-Electric Lift, Steer, & Drive
- No Hydraulic Oil
- Optimal Battery Duty Cycle & Energy Efficiency
- AGM Maintenance-Free Batteries
- 55 in. (1.4 m) Overall Width for Narrow Aisles and Doorways
- Roll-Out Deck Extension with Incremental Lock Position
- Standard Swing Gate
- Leading Value Solution for 51 ft. (15.7 m) Indoor Working Height
- 2-Person Platform (Indoors)/ 1-Person Platform (Outdoors) with 600 lb. (272 kg) Capacity

The Largest in a Full Line of All-Electric Scissor Lifts



Standard Features

Work Area

Roll-Out Deck Extension with Incremental Locking Positions
 Standard Swing Gate
 Lanyard Attachments (4)

Performance

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

Power

24v 300Ah AGM Maintenance-Free Batteries
 Battery Charge Indicator

Serviceability

Lubrication-Free Scissor Bearings
 Easy Maintenance Access to Mechanical and Electrical Components in a Slide-Out Tray
 Logically Grouped Components and Numbered Wiring for Easy Reference

Safety

Dedicated Compartment Protects Electrical and Hydraulic Components
 Emergency Shut-Off at Platform and Lower Controls
 Non-Skid Metal Deck Construction
 Descent Alarm
 Drive Speed Interlock
 Multi-Axis Tilt Sensor
 Scissor Maintenance Lock
 Multiple Disc Brakes

Other Features

Removable Upper Controls
 Voltage-Compensating Fully Automatic Battery Charger
 Fold-Down Guardrails
 Hour Meter

Machine Tie Downs
 Non-Marking Tires
 All Motion Alarm
 Fork Lift Pockets
 Flashing Beacon (Continuous)

Optional Features

900W Inverter
 Tool Tray
 Upper Control Box
 Supplementary Guard

Cold Weather Package
 Proactive Platform Safety System® (PPSS)
 Pipe Rack
 Second Year Extended Warranty



MEC Aerial Work Platforms

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U.S.

Metric

Heights

Indoor Working Height*	51 ft.*	15.7 m*
Outdoor Working Height*	41 ft.*	12.7 m*
Indoor Platform Height	45 ft.	13.7 m
Outdoor Platform Height	35 ft.	10.7 m
Stowed Height (Top Guardrail)	102 in.	2.6 m
Stowed Height (Rails Folded)	79 in.	2.0 m
Stowed Height (Platform Floor)	58 in.	1.5 m
Guardrail Height	43.5 in.	1.1 m
Toeboard Height	6 in.	15 cm
Ground Clearance (Stowed)	4 in.	10 cm
Ground Clearance (Elevated)	.7 in	2 cm

Dimensions

Length-Stowed (Overall)	112 in.	2.8 m
Length-Stowed (Ladder Removed)	104 in.	2.6 m
Chassis Width	55 in.	1.4 m
Platform Length (Extended)	139 in.	3.5 m
Platform Length (Retracted)	104 in.	2.6 m
Roll-Out Deck Length	35 in.	0.9 m
Platform Width	44 in.	1.1 m
Wheelbase	87 in.	2.2 m
Total Lift Capacity	600 lbs	272 kg
Personnel Capacity	2 (Indoors); 1 (Outdoors)	
Roll-Out Deck Capacity	250 lbs	113 kg

Speed

Raise/Lower Speed	88 s / 60 s	
Drive Speed (Stowed)	3 mph	5 km/h
Drive Speed (Elevated)	0.5 mph	0.8 km/h

Performance

Gradeability	25%	
Turning Radius (Inside)	0 in.	0 m
Weight**	7,600 lbs.	3,450 kg
Power Source	24v 300Ah AGM Batteries	
Controls	Proportional Drive & Lift Controls	
Tires	15 x 5 in.	38 x 13 cm

*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 scissor 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 - 2017.

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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