

JLG 450AJ 16M DC Articulated Boom Lift Battery Operated

Performance

Platform Height

E450A/E450AJ/M450AJ 45 ft 13.72 m

Horizontal Outreach

E450AJ/M450AJ 23 ft 9 in. 7.24 m

Up and Over Height

E450AJ/M450AJ 25 ft 3 in. 7.7 m

Swing 360° Non-continuous

Platform Capacity 500 lb 227 kg

Platform Rotator 180° Hydraulic

Weight

E450AJ/M450AJ 14,400 lb* 6,532 kg

Ground Bearing Pressure

E450AJ/M450AJ 110 psi 7.6 kg/cm

Max Drive Speed

E450A/E450AJ/M450AJP 4.5 mph 7.2 km/h

Gradeability

E450A/E450AJ/M450AJP 30%

Turning Radius (inside)

E450A/E450AJ/M450AJP 2 ft .61 m

Turning Radius (outside)

E450A/E450AJ/M450AJP 10 ft 4 in. 3.15 m



Standard Specifications

Power Source

Electrical System	48V DC	
Batteries	8 x 6V, 370 amp-hr (305 amp-hr on E300)	
Drive Motors	Dual Electric Traction—Brushless AC	
Generator Set (M Models)		
Diesel Engine Kubota 45 amp	6.7 hp	4.99 kW
Fuel Tank Capacity	4 gal.	15.2 L

Hydraulic System

E450A/E450AJ/M450AJP	4 gal.	15.14 L
Motor/Pump	Permanent Magnet Motor/Gear Pump	

Tires

E450A/E450AJ/M450AJ	240/55-17.5 Pneumatic
---------------------	-----------------------

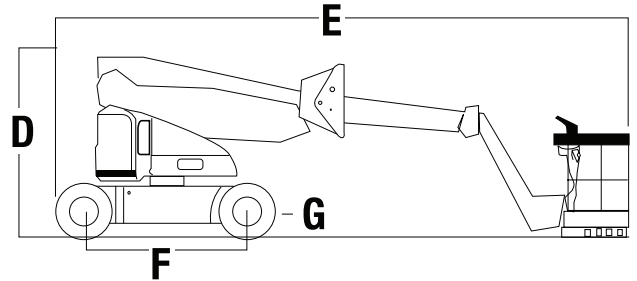
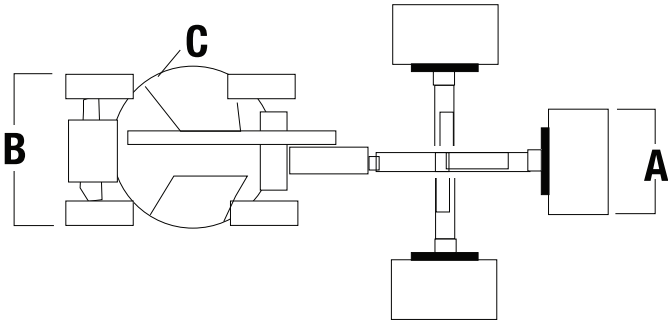
Standard Features

- Automatic Traction Control (ATC)
- Side Entry Platform
- 180 Degree Hydraulic Platform Rotator
- 110V-AC Receptacle on Platform
- Tilt Light and Alarm
- Hourmeter
- Battery Condition Indicator
- Lifting/Tie Down Lugs
- Horn
- All Motion Alarm
- Eight 6V 370 amp-hr Deep Cycle Batteries
- Brushless AC Motors



Dimensions

All dimensions are approximate.



A. Platform Size

E/M450AJ 30 x 60 in. 0.76 x 1.52 m

C. Tailswing

E/M450AJ Zero

E. Stowed Length

E/M450AJ 21 ft 2 in. 6.45 m

G. Ground Clearance

E/M450AJ 8.5 in. 22 cm

B. Overall Width

E/M450AJ 5 ft 9 in. 1.75 m

D. Stowed Height

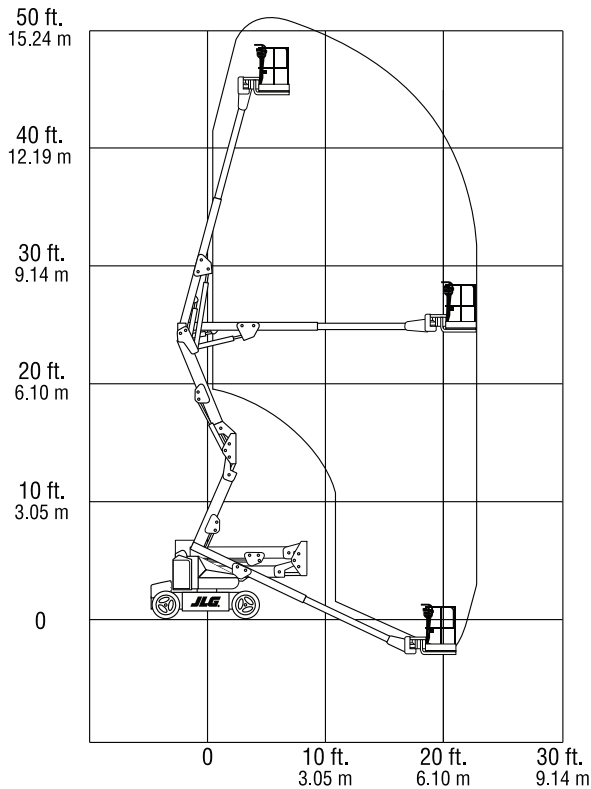
E/M450AJ 6 ft 7 in. 2.01 m

F. Wheelbase

E/M450AJ 6 ft 7 in. 2.01 m

Reach Diagrams

E450



BVM Transport LLC.
 Plot No. 5330288, Near Roundabout
 No. 7, Dubai Industrial City (DIC),
 PO Box 18377, Dubai, UAE.

info@bvmtransport.com
 +971 4 874 7999
 +971 54 581 4833

