

E450

Series

One of the New Generation of JLG Electrics

www.jlg.com/E450



More Models, More Choices and More Versatility with JLG...
WHY GO ANYWHERE ELSE?

45 ft platform height **articulating electric** powered boom lift.

Lower energy costs, zero emissions and **quiet** operation make the E450 Series the machine of choice for indoor applications.

The **jib** option increases the work range, providing better access in confined work areas, enhancing your productivity.

The E450 Series has the fastest boom speeds in this class of machines, increasing efficiency on the job.

ATC (Automatic Traction Control) adds to the versatility of the E450 Series by sensing and providing positive traction on uneven surfaces.

JLG's **QuikCharge GenSet** option provides automatic charging for continuous machine operation.

Versatile Electric Boom Lifts You Can Take Almost Anywhere!

JLG equips the E450 Series with our exclusive articulating boom design. The optional jib pivots above or below horizontal of the main boom to provide more precise platform positioning. But that's just one reason that our E450 Series stands head and shoulders above all other 45 ft electric machines.

With our Automatic Traction Control (ATC), the E450 Series moves effectively both on and off hard slab surfaces (that's mobility the other brands just dream about).

And, when you combine our ATC advantage and multiple boom function, you'll quickly appreciate the industry leading productivity potential designed into these models.

Not only does the electric powered E450 Series work quieter and without engine emissions, these models are also designed to work longer between charges. To further avoid re-charging downtime, you can select the JLG QuikCharge GenSet option.



Generation E by JLG...See and Feel the Difference!

The E450 Series is just one of the workhorses ushering in the new generation of electric powered aerial work platforms by JLG.

The Generation E family of models by JLG gives you more choices, with platform heights ranging from 30 to 60 feet. You can select the chassis size you need, including

narrow models created to maneuver through the maze of warehouse aisles.

Plus, you get innovative designs borne out of the JLG tradition for high productivity, high value machines designed to put you in a powerful and productive position.

JLG MODEL E450A

REACH SPECIFICATIONS

Platform Height	45 ft (13.72 m)
Horizontal Outreach	23 ft 1 in (7.04 m)
Up and Over Height	24 ft 7 in (7.49 m)
Swing	360 Degrees Non-Continuous
Platform Capacity	500 lb (230 kg)
Platform Rotator	180 Degrees Hydraulic

DIMENSIONAL DATA

A. Platform Size	30 x 48 in (0.76 x 1.22 m)
B. Overall Width	5 ft 9 in (1.75 m)
C. Tailswing	Zero
D. Stowed Height	6 ft 6 in (1.98 m)
E. Stowed Length	19 ft 1 in (5.81 m)
F. Wheelbase	6 ft 7 in (2.01 m)
G. Ground Clearance	8.5 in (22 cm)
Gross Vehicle Weight*	12,600 lb (5715 kg)
Ground Bearing Pressure	.95 PSI (6.6 BAR)

CHASSIS

Drive Speed	3.2 mph (5.2 kph)
Gradeability	30%
Turning Radius (Inside)	24 in (61 cm)
Turning Radius (Outside)	124 in (3.15 m)
Tire Size/Type	240/55-17.5 pneumatic

POWER SOURCE

Electrical System	48V DC
Batteries	8 x 6V 370 amp/hr
Drive Motors	Dual Electric Traction
Brakes	Automatic Spring Applied Multiple Discs
Hydraulic Motor/Pump	Perm. Magnet Motor/Gear Pump
Hydraulic Reservoir	4 gal (15.2 L)
Generator Set (M450A)	Fully Automatic, 45 amp Yanmar 6 hp Air-Cooled Engine
Engine Fuel Tank (M450A)	4 gal (15.2 L)

*Certain options or country standards will increase weight.

JLG MODEL E450AJ

REACH SPECIFICATIONS

Platform Height	45 ft (13.72 m)
Horizontal Outreach	23 ft 9 in (7.24 m)
Up and Over Height	25 ft 3 in (7.70 m)
Swing	360 Degrees Non-Continuous
Platform Capacity	500 lb (230 kg)
Platform Rotator	180 Degrees Hydraulic

DIMENSIONAL DATA

A. Platform Size	30 x 48 in (0.76 x 1.22 m)
B. Overall Width	5 ft 9 in (1.75 m)
C. Tailswing	Zero
D. Stowed Height	6 ft 7 in (2.01 m)
E. Stowed Length	21 ft 2 in (6.5 m)
F. Wheelbase	6 ft 7 in (2.01 m)
G. Ground Clearance	8.5 in (22 cm)
Gross Vehicle Weight*	14,400 lb (6532 kg)
Ground Bearing Pressure	110 PSI (7.6 BAR)

CHASSIS

Drive Speed	3.2 mph (5.2 kph)
Gradeability	30%
Turning Radius (Inside)	24 in (61 cm)
Turning Radius (Outside)	124 in (3.15 m)
Tire Size/Type	240/55-17.5 pneumatic

POWER SOURCE

Electrical System	48V DC
Batteries	8 x 6V 370 amp/hr
Drive Motors	Dual Electric Traction
Brakes	Automatic Spring Applied Multiple Discs
Hydraulic Motor/Pump	Perm. Magnet Motor/Gear Pump
Hydraulic Reservoir	4 gal (15.2 L)
Generator Set (M450AJ)	Fully Automatic, 45 amp Yanmar 6 hp Air-Cooled Engine
Engine Fuel Tank (M450AJ)	4 gal (15.2 L)

*Certain options or country standards will increase weight.

THE JLG 1 & 5 WARRANTY

JLG Industries, Inc. backs our products with our exclusive "1 & 5" Warranty. We provide coverage on all products for one (1) full year, and cover all specified major structural components for five (5) full years. Due to continuous product improvements, we reserve the right to make specification and/or equipment changes without prior notification. This machine meets or exceeds applicable OSHA Regulations in 29 CFR 1910.67, 29 CFR 1926.453, and ANSI A92.5-1992, as originally manufactured for intended applications.

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