

E450 Series

One of the New Generation of JLG Electrics



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!

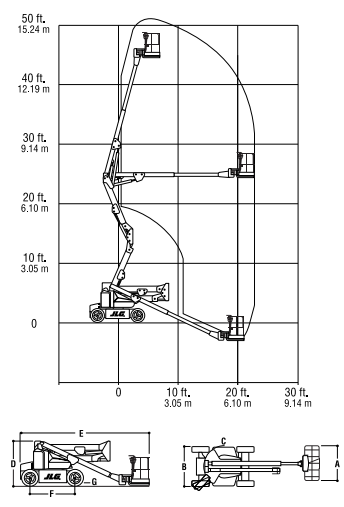
The E450 Series is just one of the workhorses ushering in the new generation of electric powered aerial work platforms by JLG.

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

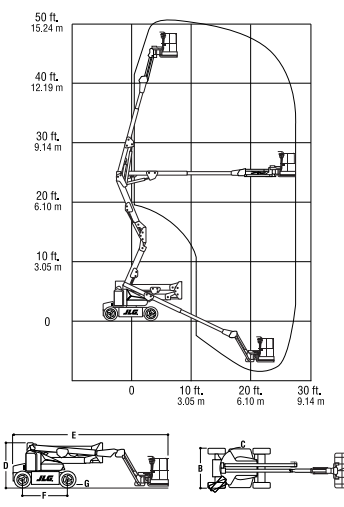
| | |
|--------------------------|-----------------------|
| Drive Speed | 3.2 mph (5.2 kph) |
| Gradeability | 30% |
| Turning Radius (Inside) | 24 in (61 cm) |
| Turning Radius (Outside) | 124 in (3.15 m) |
| Tire Size/Type | 240/55-17.5 pneumatic |

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.

