

E600
Series

**The World's First
60-Foot Electric Lift**



www.jlg.com

JLG

E600 Series

The Inside Story

Whether in aviation, automotive, warehousing, food & beverage, petrochemical or institutional applications, JLG's new E600 Series electric boom lifts help you meet a wide variety of industrial applications. You get 60 feet (18.29 m) of high-reach productivity with the added bonus of zero emissions, reduced noise levels and standard non-marking tires for optimum indoor productivity. Plus, with the QuikCharge™ GenSet option and JibPLUS™ boom models, you'll have all the power and positioning versatility you need.

- **Zero Emissions***
- **Low Noise Operation***
- **15,000 lbs. (6,804 kg) gross vehicle weight with 43 ft. (13.11 m) of reach**
- **Low-mount platform for access in tight areas**



Indoor Maneuverability

Enjoy improved access up, over and around obstacles.



Customer-Preferred Controls

All of our new aerial work platforms share the same control configuration, reducing the need for repeated operator training.

*ESeries only



Standard Non-Marking Tires

The Outdoor Advantage

With JLG's exclusive Automatic Traction Control (ATC), optional all-wheel drive, 12 in. (30 cm) ground clearance, and non-marking all-terrain tires, the E600 series provides superior traction off-slab, where other electric boom lifts can't go. Plus, with the optional on-board generator for quick recharging and a standard oscillating axle for travel over varying terrain, the E600 series will take you higher and farther than any electric boom lift could before!

- **Rugged design with oscillating axle**
- **Automatic Traction Control (ATC)**
- **12 in. (30 cm) ground clearance**
- **Optional on-board generator for quick recharging**

Standard Oscillating Axle

The E600 features a standard oscillating axle for operator comfort and smoothness over varying terrain.



Exclusive JibPLUS™ Boom Option

JLG's JibPLUS™ boom takes you in a new direction—side-to-side. It provides a 180° range of side-to-side movement for the most versatile positioning capability available today.



Rough Terrain Capabilities

The versatile E600 series provides superior traction off-slab, where other electric boom lifts can't go.



Discover the Entire Line of JLG Aerial Work Platforms.



Articulating Boom Lifts

JLG offers a complete line of electric articulating boom lifts with heights ranging from 30 ft. (9.14 m) to 60 ft. (18.29 m), including the world's first 60 ft. (18.29 m) electric boom. Your choice of engine powered articulating boom lifts includes heights from 34 ft. (10.36 m) to 150 ft. (45.72 m), which are available for both construction and industrial applications. Also offered are narrow width machines for access in confined areas featuring the highest platform capacity ratings in the industry. With features like the oscillating axle, QuikCharge™ GenSet, QuikStik™ boom, JibPLUS™ boom, and Automatic Traction Control (ATC), JLG offers more model choices to meet your demands. These features are designed with the operator in mind to provide for efficient access to your work areas.



Telescopic Boom Lifts

For longer reach applications, choose one of JLG's telescopic boom lifts with heights ranging from 40 ft. (12.19 m) to 120 ft. (36.58 m). The vast array of options, such as four-wheel drive, oscillating axle, and various engine sources allow you to equip your machine to meet your specific applications. Large working envelopes with industry-leading capacity ratings allow for increased productivity by positioning personnel and materials in a larger work area without repositioning the chassis. Reliable, durable, and industry proven, JLG has the lift for you!



Scissor Lifts

For vertical applications where deck space and capacities are vital, JLG can supply the lift you need. Choose from 19 models with heights ranging from 15 ft. (4.57 m) to 50 ft. (15.24 m). JLG offers narrow electric slab units, electric semi-rough terrain units, compact rough terrain units, and larger rough terrain units for tougher applications. For quiet, efficient operation inside, choose one of JLG's electric scissor lifts equipped with non-marking tires, 3 ft. (0.94 m) deck extension, and 110V in the platform. For off-slab applications, choose one of JLG's rough terrain scissors and equip the unit to meet your specific needs. Whether it's four-wheel drive, oscillating axle, gas or diesel engines, JLG has what you want.



Vertical Personnel Lifts

For the one-person job, JLG offers an array of personnel lifts with heights ranging from 10 ft. (3.04 m) to 41 ft. (12.50 m) in AC or DC powered units. In confined areas where maneuverability is critical, choose one of JLG's self-propelled personnel lifts. With a zero turning radius and pinpoint control, these units offer precise positioning in confined areas. For high reach applications, choose one of JLG's AccessMaster® lift products with heights from 25 ft. (7.62 m) to 41 ft. (12.50 m). These units are equipped with wheels and casters for more precise positioning and outriggers for stability when elevated. All units will travel through a standard size 36" x 80" (0.91 m x 2.03 m) doorway.

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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**See our product showcase
at www.jlg.com/E600**



E600

Series

One of the New Generation of JLG Electrics

www.jlg.com/E600



Versatile Electric Boom Lifts You Can Take Almost Anywhere!

JLG equips the E600 Series with our exclusive 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 our E600 Series stands head and shoulders above all other electric machines.

With our Automatic Traction Control (ATC), aggressive tread tires and an oscillating axle, the E600 Series moves effectively both on and off hard slab surfaces.

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 E600 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.

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

The first and only **60 ft** platform height **articulating electric** powered boom lift.

With **Automatic Traction Control (ATC)**, an **oscillating axle** and aggressive tread tires, the E600 Series is suited for on and off-slab work. For rough terrain, select our **all-wheel drive option**.

The optional **Jib** and **JibPLUS™** boom features increase the work range, providing improved access in confined work areas, enhancing your productivity.

The E600 Series has the fastest boom speeds in this class of machines, increasing efficiencies on the job.

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



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

The E600 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 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 E600 & M600

REACH SPECIFICATIONS

Platform Height 60 ft (18.29 m)
 Horizontal Outreach 43 ft 1 in (13.13 m)
 Swing 400 Degrees Non-Continuous
 Platform Capacity 500 lb (230 kg)
 Platform Rotator 180 Degrees Hydraulic

DIMENSIONAL DATA

A. Platform Size 30 x 72 in (0.76 x 1.83 m)
 B. Overall Width 8 ft (2.44 m)
 C. Tailswing 4 ft (1.22 m)
 D. Stowed Height 8 ft 5 in (2.57 m)
 E. Stowed Length 30 ft 11 in (9.42 m)
 F. Wheelbase 9 ft (2.74 m)
 G. Ground Clearance (Axle) 12 in (30 cm)
 (Chassis) 23 in (58 cm)
 Gross Vehicle Weight* 14,900 lb (6,759 kg)
 Ground Bearing Pressure 52 PSI (3.7 kg/cm²)

CHASSIS

Drive Speed 3.0 mph (4.8 kph)
 Gradeability 30%
 Turning Radius (Inside) 4 ft (1.22 m)
 Turning Radius (Outside) 15 ft 6 in (4.72 m)
 Axle Oscillation 8 in (20 cm)
 Tire Size/Type 14 x 22.5 Non-Marking Pneumatic

POWER SOURCE

Electrical System 48V DC
 Batteries 8 x 6V 415 amp/hr
 Drive Motors Dual Electric Traction
 Brakes Automatic Spring Applied Multiple Discs
 Hydraulic Motor/Pump Series Wound Motor/Gear Pump
 Hydraulic Reservoir 15 gal (56.78 L)
 Generator Set (M600) Fully Automatic, 45 amp Yanmar 6 hp Diesel Engine
 Engine Fuel Tank (M600) 13 gal (49.3 L)
 Generator Noise Level (at max. rpm) 70 dBA @ 7 meters

*Certain options or country standards will increase weight.

JLG MODEL E600J, M600J & E600JP, M600JP

REACH SPECIFICATIONS

Platform Height 60 ft (18.29 m)
 Horizontal Outreach (Jib) 42 ft 10 in (13.06 m)
 (JibPLUS) 43 ft 5 in (13.23 m)
 Up and Over Height 25 ft 3 in (7.70 m)
 Swing 400 Degrees Non-Continuous
 Platform Capacity 500 lb (230 kg)
 Platform Rotator 180 Degrees Hydraulic
 Jib(range of articulation) 141 Degrees (~75,65) Vertical
 (JibPLUS) 180 Degrees Horizontal

DIMENSIONAL DATA

A. Platform Size 30 x 72 in (0.76 x 1.83 m)
 B. Overall Width 8 ft (2.44 m)
 C. Tailswing 4 ft (1.22 m)
 D. Stowed Height 8 ft 5 in (2.57 m)
 E. Stowed Length (Jib) 30 ft 9 in (9.37 m)
 (JibPLUS) 32 ft 6 in (9.91 m)
 F. Wheelbase 9 ft (2.74 m)
 G. Ground Clearance (Axle) 12 in (30 cm)
 (Chassis) 23 in (58 cm)
 Gross Vehicle Weight*(Jib) 14,900 lb (6,759 kg)
 (JibPLUS) 15,200 lb (6,895 kg)
 Ground Bearing Pressure 52 PSI (3.7 kg/cm²)

CHASSIS

Drive Speed 3.0 mph (4.8 kph)
 Gradeability 30%
 Turning Radius (Inside) 4 ft (1.22 m)
 Turning Radius (Outside) 15 ft 6 in (4.72 m)
 Axle Oscillation 8 in (20 cm)
 Tire Size/Type 14 x 22.5 Non-Marking Pneumatic

POWER SOURCE

Electrical System 48V DC
 Batteries 8 x 6V 415 amp/hr
 Drive Motors Dual Electric Traction
 Brakes Automatic Spring Applied Multiple Discs
 Hydraulic Motor/Pump Series Wound Motor/Gear Pump
 Hydraulic Reservoir 15 gal (56.78 L)
 Generator Set (M450AJ) Fully Automatic, 45 amp Yanmar 6 hp Diesel Engine
 Engine Fuel Tank (M450AJ) 13 gal (49.3 L)
 Generator Noise Level (at max. rpm) 70 dBA @ 7 meters

*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.

FORM NO: SS-E600-10/00
 PART NO: 3131023 Printed in the USA

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