

Electric Series

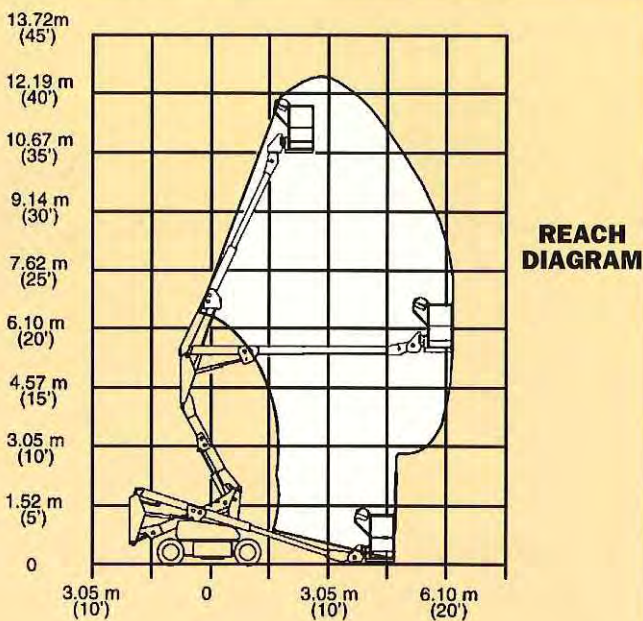
**ELECTRIC ARTICULATING
BOOMLIFTS**



**30 electric
35 electric
n35 electric
40 electric
n40 electric
45 electric**

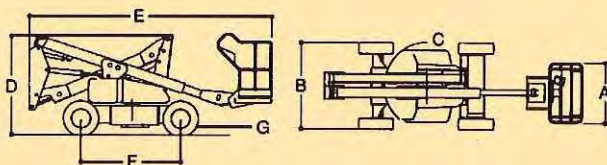
JLG®

35 & n35 electric



REACH SPECIFICATIONS

Platform Height	10.67 m (35 ft.)
Horizontal Outreach	6.25 m (20 ft. 6 in.)
Up and Over Clearance	5.46 m (17 ft. 11 in.)
Turntable Rotation	360° (non continuous)
Platform Capacity	227 kg (500 lbs.)
Platform Rotator	110° hydraulic



DIMENSIONAL DATA

A. Platform Size	0.66 m x 1.22 m (26 in. x 48 in.)
B. Overall Width Model 35	1.75 m (5 ft. 9 in.)
Overall Width Model n35	1.5 m (4 ft. 11 in.)
C. Tailswing (working condition) Model 35	Zero
Tailswing (working condition) Model n35	0.13 m (5 in.)
D. Stowed Height	2.0 m (6 ft. 7 in.)
E. Stowed Length	4.90 m (16 ft. 1 in.)
F. Wheelbase	2.0 m (6 ft. 7 in.)
G. Ground Clearance Model 35	0.15 m (6 in.)
Ground Clearance Model n35	0.10 m (4 in.)
Gross Vehicle Weight Model 35*	4,615 kg (10,165 lbs.)
Gross Vehicle Weight Model n35*	4,850 kg (10,680 lbs.)

CHASSIS

Drive Speed Model 35	4.8 kph (3.0 mph)
Drive Speed Model n35	4.0 kph (2.5 mph)
Gradeability	25%
Tyres Model 35	foam filled G78 - 15
Tyres Model n35	solid rubber 22 x 6 x 16
Axle Oscillation	0.03 m (1 in.)
Turning Radius (outside) Model 35	4.17 m (13 ft. 8 in.)
Turning Radius (inside) Model 35	1.31 m (4 ft. 3 in.)
Turning Radius (outside) Model n35	3.61 m (11 ft. 10 in.)
Turning Radius (inside) Model n35	1.60 m (5 ft. 3 in.)

POWER SYSTEM

Electrical System	48V DC
Batteries	eight 6V 305 amp-hr
Drive Motors	two series wound fan cooled electric traction motors
Brakes	spring applied electrically released discs
Hydraulic Motor/Pump	perm. magnet motor/single sect. gear pump
Hydraulic Reservoir	15.1 L
Manual Lowering	lever actuated pump

PERFORMANCE FEATURES



Long Lasting Deep Cycle Batteries

Deep cycle batteries provide consistent high performance throughout regular charge and discharge cycles. Batteries are mounted in removable boxes with quick disconnect plugs. An on-board automatic battery charger is provided as standard.



Oscillating Front Axle* Is Standard

Provides 2.5 cm (1 in.) of wheel travel up and down for optimum ground contact and increased traction for negotiating uneven surfaces or ramps.

*(except 30 electric)

Efficient Direct Electric Drive

Electric Drive produces outstanding performance combined with longer operation cycles between charging periods. Dual traction motors drive wheels directly through planetary reduction hubs for efficient use of battery power.



Fully Proportional Drive And Variable Boom Speeds

Proportional drive control, with "ramp" on/off, provides smooth acceleration and deceleration. A separate control allows the operator to adjust the speed of the lift, tele, and swing functions to the desired comfort level.



Standard Features Include:

Direct Electric Drive • Full Proportional Drive Control • Variable Speed Control For Lift, Tele and Swing • Eight 6V Deep Cycle Industrial Batteries • On-Board Battery Charger • Oscillating Axle¹ • 110° Powered Platform Rotator¹ • AC Wiring To Platform • Horn • Tilt Light & Alarm • Keyswitch At Ground Controls • Hour Meter • Battery Discharge Indicator • Boom Wiper Seal • Foam Filled Tyres • Manual Descent

Available Options

0.66 m x 1.52 m (26 in. x 60 in.) Size Platform² • Worklights • Acrylic Console Shield • Air Line To Platform³ • Non-Marking Solid Tyres • Wheel Covers • Extra Battery Boxes With Batteries And Cables • All Motion Alarm • Flashing Amber Beacon • Cylinder Bellows • Steel Hood Covers⁴

¹ Option not available on 30 electric

² Except 30 electric, n35 electric and n40 electric

³ Includes external hose carrier

⁴ 30 electric only

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.

This warranty represents our commitment to superior quality and manufacturing standards and underscores our pledge of being "The Provider of Choice Worldwide - for Access".

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, 1926.451 (f) 29 CFR 1926.556, and ANSI/SIA A92.5-1992, as originally manufactured for intended applications.

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