

Ultra Series

MODELS 1200/1350 TELESCOPIC
BOOM LIFTS



*The Power To Go Where
Others Can't*



*The Power To Be Both
Large and Compact*



*The Power To Maneuver
With Precision Accuracy*

**1200SJ
1350SJ**

www.jlg.com

JLG

Stronger. Taller. More Powerful.

JLG's revolutionary new Ultra Series Telescopic Boom Lifts are engineered with the strength, power and extended reach to take operators to greater heights — with features that put these boom lifts in a class of their own.

With a comprehensive reach of 135 feet (41.15 m) and a capacity of 1,000 lbs. (450 kg) in the majority of the work envelope, the JLG Model 1350SJP Telescopic Boom Lift goes higher than any other telescopic boom lift in history.

The Ultra Series power arms are built from 100,000 psi steel, making them 40% stronger than the competition and the most robust in the industry. This boom strength allows JLG to offer revolutionary productivity packages that increase operator productivity, comfort and ease of operation.

■ Unmatched Range of Motion and Reach

With their exclusive controlled arc, Ultra Series Boom Lifts automatically maintain a smooth arc at the edges of the work envelope by controlling the boom extension through the lift function. The JibPLUS® boom feature allows the operator to use the platform to literally reach around corners. And, with the Capacity Control system, operators can automatically limit the work envelope to a pre-selected zone.*

*Capacity is restricted to 500 lbs. (230 kg) when jib is in side-swing mode.

■ More Work with Less Effort

The Model 1200SJP reaches up to 50% more area than other 120 ft. (36.58 m) boom lifts, especially in the critical area beyond 50 ft. (15.24 m) of reach. It even outreaches the 125 foot (38.1 m) class of boom lifts!

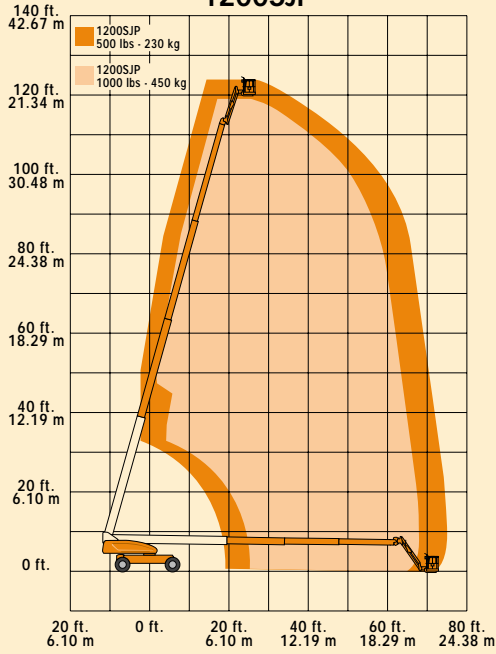
The Model 1350SJP creates a new class of telescopic boom lifts. With its unmatched work envelope and high capacities, the Model 1350SJP combines strength with revolutionary productivity-enhancing accessories without compromising reach at critical ranges!

■ Improved Performance and Operator Comfort

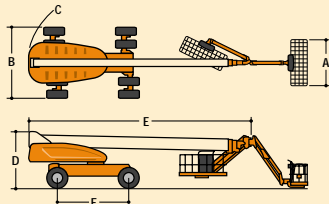
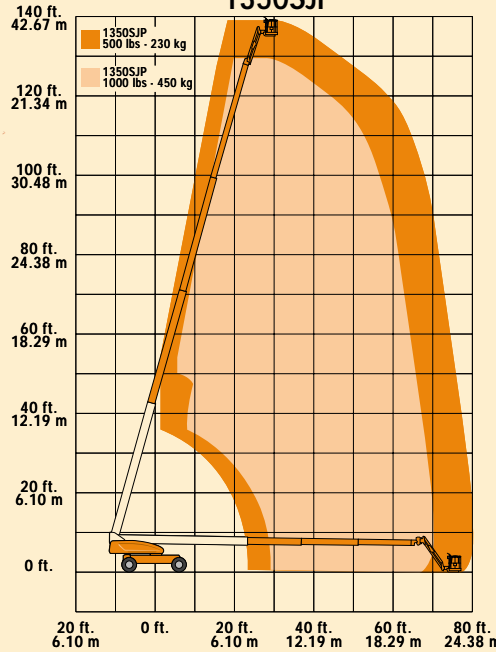
Designed with operator comfort in mind, every JLG Ultra Series Telescopic Boom Lift features a control system that adjusts the swing speed to the boom extension to maintain constant platform velocity. Steering speed is proportional to wheel angle to help reduce the jerky motion effect common on competitive boom lifts. Operators experience improved maneuverability when selecting from 3 steering modes: 2-wheel steer, 4-wheel coordinated, or the industry-best 1:1 ratio crab steering. Ease of operation is provided as the control system automatically synchronizes the wheels when switching between steer modes.



1200SJP



1350SJP



Standard Features

Platform: 36 in. x 96 in.
(0.91 m x 2.44 m)
Selectable Capacity Envelope
Drive-out Extendible Axles
Oscillating Axle
Inward Swinging Gate
180° Hydraulic Platform Rotator
AC Receptacle in the Platform
5 Degree Tilt Alarm/Indicator Light
Swing-Out Engine Tray
12V DC Auxiliary Power
Hourmeter
Control ADE™ System
Full-time 4WD

3 Selectable Steering Modes
Proportional Controls
Gull-Wing Hoods
Operators Tool Tray
445/50D710 Foam Filled Rim
Protector Lug Tread Tires
Platform Console Machine Status
Light Panel*
Lifting/Tie Down Lugs
Engine Distress Warning/Shutdown—
Selectable via JLG Analyzer

* Provides indicator lights at platform control console for system distress, fuel level, low fuel, 5 degree tilt light and foot switch status.

Individual Options

Platform: 36 in. x 72 in.
(0.91 m x 1.83 m)
Light Package¹
Alarm Package²
1/2 in. Airline to Platform
Oxy/Acetylene Line
Soft-Touch System 6 ft./8 ft. Platform
(1.83 m/2.44 m)
2500W Generator
Catalytic Muffler
Cold Weather Start³
Hostile Environment Kit⁴
Platform Worklights
All-Motion Alarm

1. Includes platform mounted work lights and drive/backup lights.
2. Includes all-motion alarm and flashing amber beacon.
3. Includes glow plugs, battery heater and oil tank heater.
4. Includes console cover, boom wipers and cylinder bellows.

Model 1200SJP

Model 1350SJP

Reach Specifications

Platform Height	120 ft. (36.58 m)	135 ft. (41.15 m)
Horizontal Reach	75 ft. (22.86 m)	80 ft. (24.38 m)
Swing	360° Continuous	360° Continuous
Platform Capacity—Restricted	1,000 lb. (450 kg)	1,000 lb. (450 kg)
Platform Capacity—Unrestricted	500 lb. (230 kg)	500 lb. (230 kg)
Platform Rotator	180°	180°
JibPLUS®		
Length	8 ft. (2.44 m)	8 ft. (2.44 m)
Horizontal Motion ¹	180°	180°
Vertical Motion	130° (+75/-55)	130° (+75/-55)

Dimensional Data

A. Platform Size		36 x 96 in. (0.91 x 2.44 m)	36 x 96 in. (0.91 x 2.44 m)
B. Overall Width	Axles Retracted	8 ft. 2 in. (2.49 m)	8 ft. 2 in. (2.49 m)
	Overall Width Axles Extended	12 ft. 6 in. (3.8 m)	12 ft. 6 in. (3.8 m)
C. Tailswing		5 ft. 6 in. (1.67 m)	5 ft. 6 in. (1.67 m)
D. Stowed Height		10 ft. (3.05 m)	10 ft. (3.05 m)
E. Stowed Length		34 ft. 11 in. (10.64 m)	38 ft. 11 in. (11.86 m)
F. Wheel Base		12 ft. 6 in. (3.81 m)	12 ft. 6 in. (3.81 m)
Ground Clearance	Axle	12 in. (30 cm)	12 in. (30 cm)
	Chassis	25.5 in. (65 cm)	25.5 in. (65 cm)
Gross Vehicle Weight²		41,100 lb. (18,650 kg)	44,750 lb. (20,300 kg)

Chassis

Max Ground Bearing Pressure	100 psi (7.03 kg/cm ²)	105 psi (7.38 kg/cm ²)
Drive Speed	3.25 mph (5.2 kph)	3.25 mph (5.2 kph)
Gradeability	45%	45%
Turning Radius (Inside)		
Axles Retracted	14 ft. 5 in. (4.39 m)	14 ft. 5 in. (4.39 m)
Axles Extended	8 ft. (2.44 m)	8 ft. (2.44 m)
Turning Radius (Outside)		
Axles Retracted	22 ft. 6 in. (6.86 m)	22 ft. 6 in. (6.86 m)
Axles Extended	19 ft. 4 in. (5.89 m)	19 ft. 4 in. (5.89 m)
Crab Steer Ratio³	1:1	1:1
Axle Oscillation	12 in. (30 cm)	12 in. (30 cm)
Tires/Type	445/50D710 Foam Filled	445/50D710 Foam Filled

Power Source

Diesel Engine	Deutz BF4M 2011	87 hp (65 kW)	87 hp (65 kW)
Fuel Tank Capacity		31 gal. (117 L)	31 gal. (117 L)
Hydraulic Reservoir		55 gal. (208 L)	55 gal. (208 L)
Auxiliary Power		12V DC	12V DC

- Capacity is limited to 500 lbs. (230 kg) when JibPLUS is extended horizontally.
- Certain options or country standards increase weight.
- Ratio of forward travel to lateral travel.

Put the Power of the JLG Ultra Series Telescopic Boom Lifts to Work

When you're reaching for the sky, reach for JLG's Ultra Series Telescopic Boom Lifts, and the powerful performance geared towards operator convenience.

With JLG's exclusive power-arm designs, the Ultra Series can carry operators to 135-foot jobs with higher capacities, more reach and a JibPLUS® feature for enhanced versatility. Plus, industry-leading motion and arc ranges help operators get the job done on time and on budget.



Rough Terrain

Ultra Series Boom Lifts are the ultimate big boom productivity tools with full-time, 4-wheel drive that utilizes two drive pumps—each driving one side of the machine. Two front-to-rear rotary flow dividers provide a level of traction unmatched in this class of boom. Plus, JLG is the only manufacturer to offer an oscillating axle on 120-foot boom lifts and above.



High Capacity

With a dual 1,000/500 lb. capacity the Ultra Series can handle heavier loads and provide better reach to critical work areas. An Automatic Capacity Control System adjusts the work envelope to match the selected capacity.

Automatic Platform Leveling

While operating an Ultra Series boom lift, the work platform is automatically leveled in relation to gravitational forces, not the machine chassis, as found on competitive equipment. Platform leveling in relation to gravity provides unmatched operator comfort, especially at 135 feet.



JLG Workstation in the Sky™ Series Accessories

The muscle of 100,000 psi steel in the power arm means optimum on-the-job versatility. JLG builds the accessories operators need—welders, cutters, glaziers and more—right into the work platform, saving time, money and manpower.



Available Accessories

SkyPower™ Package—Includes 7500W generator, power cable to platform, 1/2 in. airline to platform and side-entry platform.

SkyWelder™ Package—Includes SkyPower™ Package, 250-amp Miller® welder in the platform, leads, clamp, stinger and fire extinguisher.

Sky Bright™ Package—Includes removable light tower attachments, requires SkyPower™ Package.

SkyGlazier™ Package—Includes glass and panel tray and strap.

The JLG "1 & 5" Warranty

JLG Industries, Inc. backs its products with its 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) 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, ANSI A92.5-1992, and CSA Standard CAN3-B354.4-M82, as originally manufactured for intended applications.

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