

ULTRA SERIES ARTICULATING BOOM LIFTS SPECIFICATIONS

1200SJ

Ultra Series Telescopic Boom Lifts

Reach Specifications

Platform Height	120 ft (36.58 m)
Horizontal Reach	75 ft (22.86 m)
Up and Over Height	—
Swing	360° Continuous
Platform Capacity—Restricted	1,000 lb (454 kg)
Platform Capacity—Unrestricted	500 lb (227 kg)
Platform Rotator	180°
JibPLUS®	
Length	8 ft (2.44 m)
Horizontal Motion ¹	180°
Vertical Motion	130° (+75/-55)

Dimensional Data

A. Platform Size		36 x 96 in. (0.91 x 2.44 m)
B. Overall Width	Axles Retracted	8 ft 2 in. (2.49 m)
Overall Width	Axles Extended	12 ft 6 in. (3.81 m)
C. Tailswing		5 ft 6 in. (1.67 m)
D. Stowed Height		10 ft (3.05 m)
E. Overall Length	Jib Stowed	34 ft 11 in. (10.64 m)
Overall Length	Jib Deployed	44 ft 10.25 in. (13.67 m)
F. Wheel Base		12 ft 6 in. (3.81 m)
G. Ground Clearance	Axle	12 in. (30 cm)
Chassis		25.5 in. (65 cm)
Weight ²		40,900 lb (18,552 kg)

Chassis

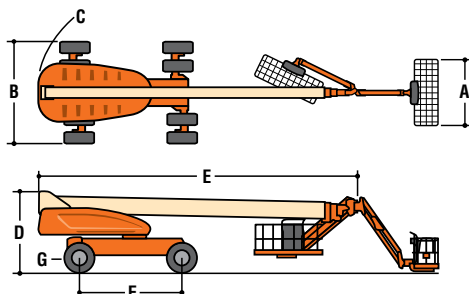
Max Ground Bearing Pressure*		99 psi (7.0 kg/cm ²)
Drive Speed		3.25 mph (5.2 km/h)
Gradeability		45%
Turning Radius (Inside)	Axles Retracted	14 ft 5 in. (4.39 m)
	Axles Extended	8 ft (2.44 m)
Turning Radius (Outside)	Axles Retracted	22 ft 6 in. (6.86 m)
	Axles Extended	19 ft 4 in. (5.89 m)
Crab Steer Ratio ³		1:1
Axle Oscillation		12 in. (30 cm)
Tires/Type		445/50D710 Foam Filled

Power Source

Diesel Engine	Deutz TD2011L4	74.9 hp (55.9 kW)
Fuel Tank Capacity		31 gal (117 L)
Hydraulic Reservoir		55 gal (208 L)
Auxiliary Power		12V DC
Generator		7500 Watt

*Ground bearing pressure applies to standard tires.

- Capacity is limited to 500 lb (227 kg) when JibPLUS is extended horizontally.
- Certain options or country standards increase weight.
- Ratio of forward travel to lateral travel.



Standard Features

Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry
 8 ft (2.44 m) JibPLUS® Boom
 Selectable Capacity Envelope
 180° Hydraulic Platform Rotator
 AC Receptacle in the Platform
 SkyPower® Package
 7500 Watt Generator
 • 240/120V Single Phase
 • 240V 3 Phase
 1/2 in. Air Line to Platform
 5 Degree Tilt Alarm/Indicator Light
 All Motion Alarm
 Swing-Out Engine Tray
 12V DC Auxiliary Power
 Hourmeter
 Control ADE® System
 Full-time 4WD
 3 Selectable Steering Modes
 Drive-out Extendible Axles
 Oscillating Axle
 Proportional Controls
 Gull-Wing Hoods
 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

Platform: 36 x 72 in. (0.91 x 1.83 m) Side Entry
 Fall-Arrest Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry
 Self-Closing Gate
 Light Package¹
 Flashing Beacon
 Soft-Touch System Platform 6 ft/8 ft (1.83 m/2.44 m)
 Clearsky (US and Canada only)
 Cold Weather Start²
 Hostile Environment Kit³
 Mesh to Top Rail
 Operator Tool Tray
 1. Includes platform mounted work lights and drive/backup lights.
 2. Includes glow plugs, battery heater and oil tank heater.
 3. Includes console cover, boom wipers and cylinder bellows.

Accessory Packages

SkyWelder®
 SkyCutter®
 SkyAir® (1200/1350SJ only)
 SkyGlazier®
 Nite Bright®
 Pipe Racks

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

Available Options

