

ULTRA SERIES ARTICULATING BOOM LIFTS SPECIFICATIONS

1500SJ

Ultra Series Telescopic Boom Lifts

Reach Specifications

Platform Height	150 ft (45.7 m)	
Horizontal Reach	80 ft (24.38 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°	
Jib	Length	15ft2in.–25ft(4.62m–7.62m)
	Horizontal Motion ¹	For Transport Only
	Vertical Motion	120° (+75/–45)

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	43 ft (11.45 m)	
	Overall Length	Jib Deployed	61 ft 9 in. (18.82 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	48,000 lb (21,773 kg)		

Chassis

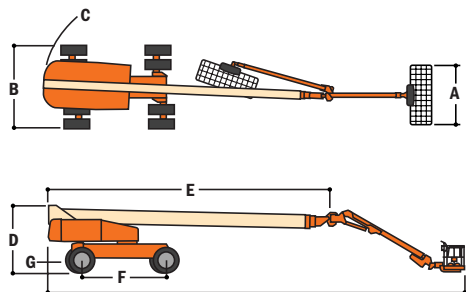
Max Ground Bearing Pressure*	113 psi (7.94 kg/cm ²)	
Drive Speed	3.0 mph (4.8 km/h)	
Gradeability	40%	
Turning Radius (Inside)	Axles Retracted	14 ft 5 in. (4.39 m)
	Axles Extended	8 ft (2.44 m)
Turning Radius (Outside)	Axles Retracted	22 ft 6 in. (6.86 m)
	Axles Extended	19 ft 4 in. (5.89 m)
Crab Steer Ratio ³	1:1	
Axle Oscillation	12 in. (30 cm)	
Tires/Type	445/50D710 Foam Filled	

Power Source

Diesel Engine	Deutz TD2011L04	74.9 hp (55.9 kW)
Fuel Tank Capacity	31 gal (117 L)	
Hydraulic Reservoir	55 gal (208 L)	
Auxiliary Power	12V DC	
Generator	7,500 Watt	

*Ground bearing pressure applies to standard tires.

- Capacity is limited to 500 lb (227 kg) when Jib is extended.
- 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

Available Options

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.

