

Ultra Series 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	15 ft 2 in. – 25 ft (4.62 m – 7.62 m)
	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)
	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)
	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

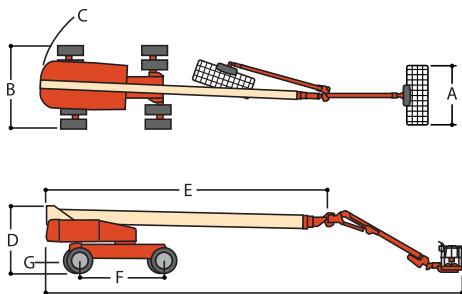
Max Ground Bearing Pressure*	113 psi (7.94 kg/cm ²)	
Drive Speed	3.0 mph (4.8 km/h)	
Gradeability	40%	
Turning Radius (Inside)	Axles Retracted	14 ft 5 in. (4.39 m)
	Axles Extended	8 ft (2.44 m)
Turning Radius (Outside)	Axles Retracted	22 ft 6 in. (6.86 m)
	Axles Extended	19 ft 4 in. (5.89 m)
Crab Steer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

Power Source

Diesel Engine	Deutz TCD2.9L4 Tier 4 Final	74.2 hp (55.4 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
 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
 SkyGuard SkyLine™

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
- Includes platform mounted work lights and drive/backup lights.
 - Includes glow plugs, battery heater and oil tank heater.
 - Includes console cover, boom wipers and cylinder bellows.

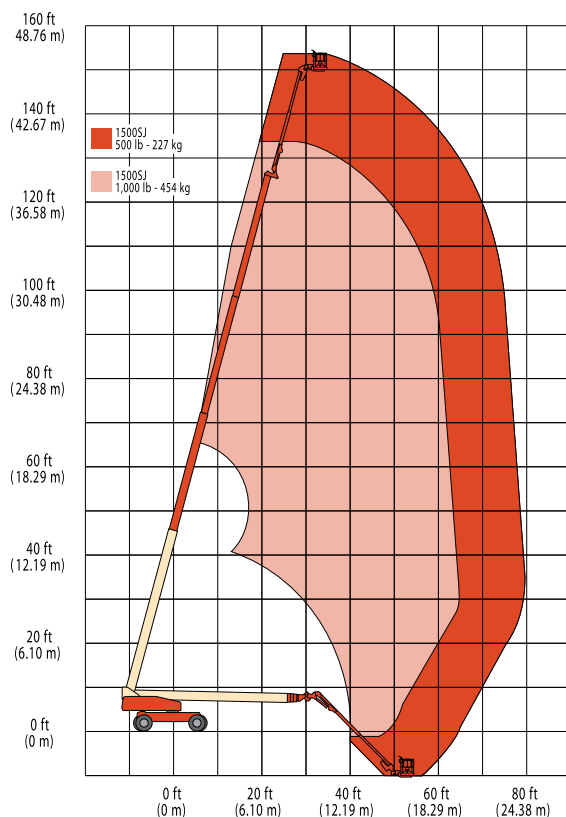
Accessory Packages

SkyPower[®] Package
 7500 Watt Generator
 · 240/120V Single Phase
 · 240V 3 Phase
 1/2 in. Air Line to Platform
 SkyWelder[®]
 SkyCutter[®]
 SkyGlazier[®]
 Pipe Racks

Available Options

Platform: 36 x 72 in. (0.91 x 1.83 m) Side Entry

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



For complete specifications, visit www.jlg.com