

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

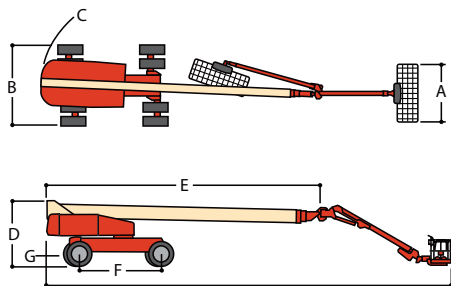
Diesel Engine	Deutz TCD2.9L4 Tier 4 Final	74.2 hp (55.4 kW)
Fuel Tank Capacity		31 gal (117 L)
Hydraulic Reservoir		55 gal (208 L)
Auxiliary Power		12V DC
Generator		7,500 Watt

*Ground bearing pressure applies to standard tires.

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

2. Certain options or country standards increase weight.

3. 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

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

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

