

1500SJ

TELESCOPIC ULTRA BOOM



KEY SPECS

Platform Height
45.72 m

Horizontal Outreach
24.38 m

Drive Speed
4.8 km/h

Platform Capacity
450 kg Restricted
230 kg Unrestricted

KEY FEATURES

- Experience greater work envelope flexibility and additional outreach at elevation with telescoping jib.
- Carry everything you need right to the job with dual 1,000-lb restricted and 500-lb unrestricted capacities for maximum productivity.
- Designed for ease of transport with no oversized load permit needed (over-weight permit required for highway transportation).
- Single sensor load sensing system features fewer parts and requires no weight to calibrate.

ACCESSORIES & OPTIONS

- 0.91 m x 1.83 m low mount platform
- 0.76 m x 0.91 m low mount platform, rear entry *****
- Tri entry 0.91 m x 1.83 m with swing gate
- 13 mm air line to platform
- On-board 4,000 W generator
- SkyGlazier® package glass and panel tray
- Nite-Bright® package **
- Light package ***
- Platform worklights
- Head and tail lights
- Plugs & Sockets
- Hostile environment package ****
- Hydraulic oil cooler
- Soft Touch proximity system for 2.44 m platform
- Soft Touch proximity system for 1.83 m platform
- Skyline with beacon
- Synthetic Biodegradable Hydraulic Oil

* Low oil pressure and high coolant temperature alarms with shut-down enabled/disabled by analyser.

** Consists of six 40-watt lights, four turntable mounted lights and two platform mounted lights.

*** Includes platform mounted work lights and head & tail lights.

**** Includes console cover, boom wipers and cylinder bellows.

***** Available only with drop bar mid rail

STANDARD SPECIFICATIONS

Performance

Working Height	47.72 m
Platform Height	45.72 m
Horizontal Outreach	24.38 m
Working Outreach **	25.03 m
Swing (Continuous)	360°
Platform Capacity (Restricted)	450 kg
Platform Capacity (Unrestricted)	230 kg
Platform Rotator (Hydraulic)	180°
Jib - Telescope: retracted	4.62 m
Jib - Telescope: extended	7.62 m
Jib - Range of articulation	120° Vertical (+75°/-45°)
Machine weight *	21,772 kg
Maximum Ground Bearing Pressure	7.95 kg/cm ²
Maximum Tyre Load	12,973 kg
Drive Speed	4.8 km/h
Gradeability	40%
Axle Oscillation	0.30 m
Turning Radius – Inside	4.39 m (Axles Retracted) / 2.44 m (Axles Extended)
Turning Radius – Outside	6.86 m (Axles Retracted) / 5.89 m (Axles Extended)

* Certain options or country standards may increase weight and/or dimensions.

** Incl. 0.65 m outreach beyond platform

Engine

Diesel Engine	Deutz TCD2.9 L4 (74hp, 55 kW) Stage V (DOC +DPF)
Fuel Tank Capacity	117 L

Tires

Tires	445/50D710 Foam Filled
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Hydraulic System

Hydraulic Tank Capacity	208 L
Auxiliary Power	12V DC

STANDARD FEATURES

- 0.91 m x 2.44 m low mount platform
- Multiple function operation
- Full proportional drive joystick control with integral thumb steer switch
- Full proportional main boom and swing joystick control
- Variable speed dial control for telescope and platform rotate
- 4.6 m to 7.6 m Telescoping jib
- Powered side stow on jib
- 180 degree powered platform rotator
- New led display with improved visibility in the direct sunlight
- Load sensing system
- AC cable to platform
- Deutz TCD2.9 L4 (55.4 kW) diesel engine (DOC+DPF)
- Engine distress warning/shut down system *
- Gull-wing hoods
- Swing-out engine tray
- Spark arresting type muffler
- Control ADE® (Advanced Design Electronics) System
- Hydrostatic transmission
- Four wheel drive
- Four wheel steer/two wheel steer/crab steer
- Horn
- Selectable dual platform capacity system (230kg/450kg)
- Drive-out extending axles
- 445/50D710 foam filled lug tread tires
- 5 degree tilt alarm and indicator light
- Oscillating front axle
- Lifting/tie down lugs
- Hour meter
- Ground control selector switch with key lock
- Load sensing hydraulics
- All motion alarm
- Catalytic purifier muffler
- Skyline without beacon
- Skyline active system
- Platform tool tray
- 12V DC auxiliary power
- Clearsky SMART FLEET connectivity module - Subscription through On Line Express

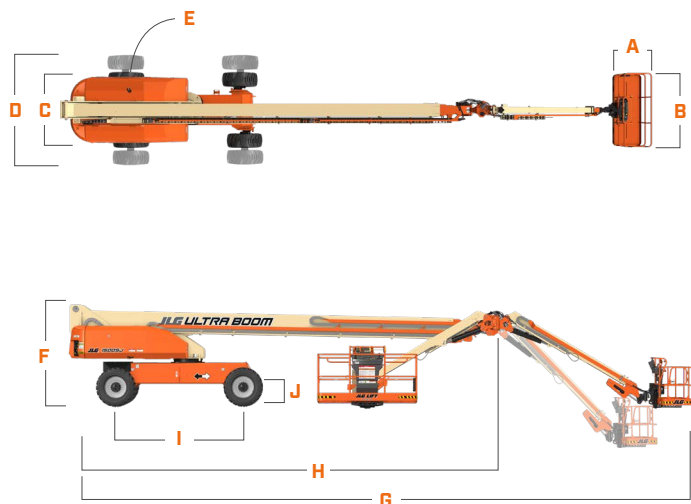
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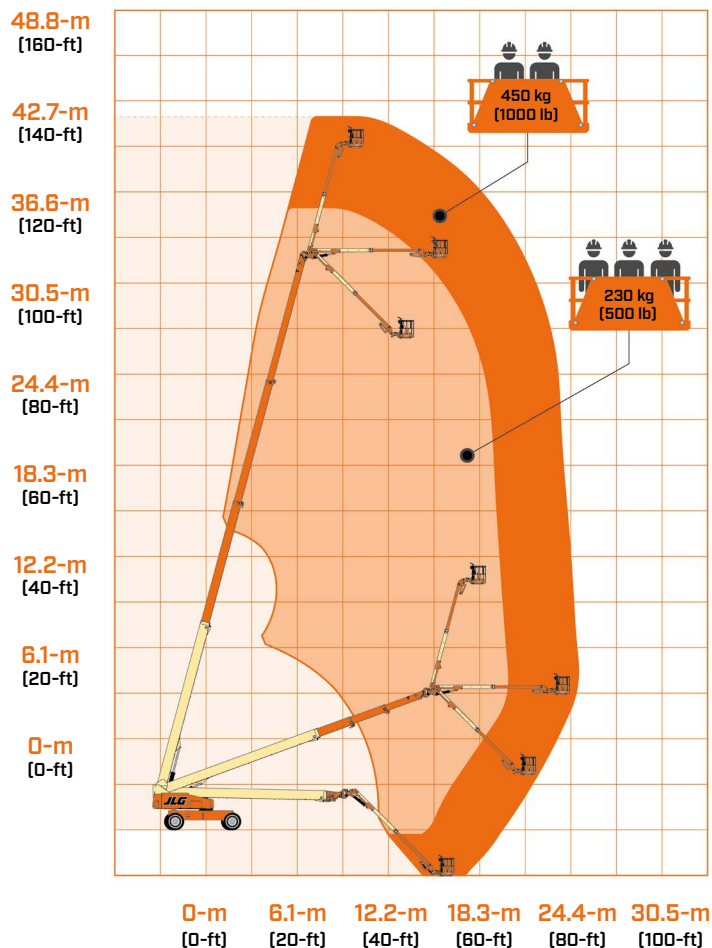
DIMENSIONS

All dimensions are approximate



A.	Platform Width	0.91 m
B.	Platform Length	2.44 m
C.	Overall Width (Axles Retracted)	2.49 m
D.	Overall Width (Axles Extended)	3.81 m
E.	Tailswing (working condition)	1.68 m
F.	Stowed Height	3.05 m
G.	Stowed Length	18.82 m
H.	Transport length	13.11 m
I.	Wheelbase	3.81 m
J.	Ground Clearance	0.65 m

REACH DIAGRAM



IMPORTANT

JLG is continually researching and developing products and reserves the right to make modifications without prior notice. All data in this document is indicative. Certain options or country standards will increase weight. Specifications may change to meet country standards or with the addition of optional equipment.

Due to continuous product improvements, JLG Industries reserves the right to make specification and/or equipment changes without prior notification.



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