

1850SJ

TELESCOPIC ULTRA BOOM



KEY SPECS

Platform Height
56.56 m

Horizontal Outreach
24.38 m

Drive Speed
4.5 km/h

Platform Capacity
450 kg Restricted
230 kg Unrestricted

KEY FEATURES

- Expansive work area of a maximum platform height of 6,60 m and a telescoping jib that provides 82,000 m² million of work area.
- Optimized maneuverability with full-time four-wheel drive to traverse over rough terrain.
- Enhanced Platform Controls - An LCD screen shows operators where they are in the work envelope, along with other useful information.
- Single sensor load sensing system features fewer parts and requires no weight to calibrate.

ACCESSORIES & OPTIONS

- 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	58.56 m
Platform Height	56.56 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)	173°
Jib - Telescope: retracted	3.96 m
Jib - Telescope: extended	6.10 m
Jib - Range of articulation	120° Vertical (+75°/-45°)
Machine weight *	27,170 kg
Maximum Ground Bearing Pressure	8.41 kg/cm ²
Drive Speed	4.5 km/h
Gradeability	40%
Turning Radius - Inside	7.11 m (Axles Retracted) / 2.31 m (Axles Extended)
Turning Radius - Outside	9.52 m (Axles Retracted) / 6.60 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 TCD 3.6 L4 (74.4 Kw 100 hp) - Stage V (DOC+DPF+SCR)
Fuel Tank Capacity	170 L

Tires

Tires	445/50D710 Foam Filled
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Hydraulic System

Hydraulic Tank Capacity	284 L
Auxiliary Power	12V DC

STANDARD FEATURES

- 0.91 m x 1.83 m low mount platform
- 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
- 3.96 m to 6.10 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 TCD 3.6 L4 (74.4 kW) diesel engine (DOC + DPF + SCR)
- 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
- Selectable dual platform capacity system (230kg/450kg)
- Horn
- Drive-out extending axles
- 5 degree tilt alarm and indicator light
- 445/50D710 foam filled lug tread tires
- 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

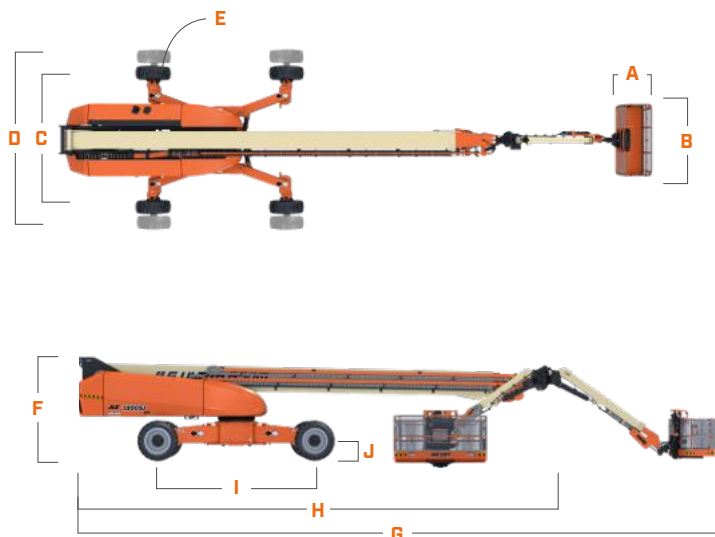
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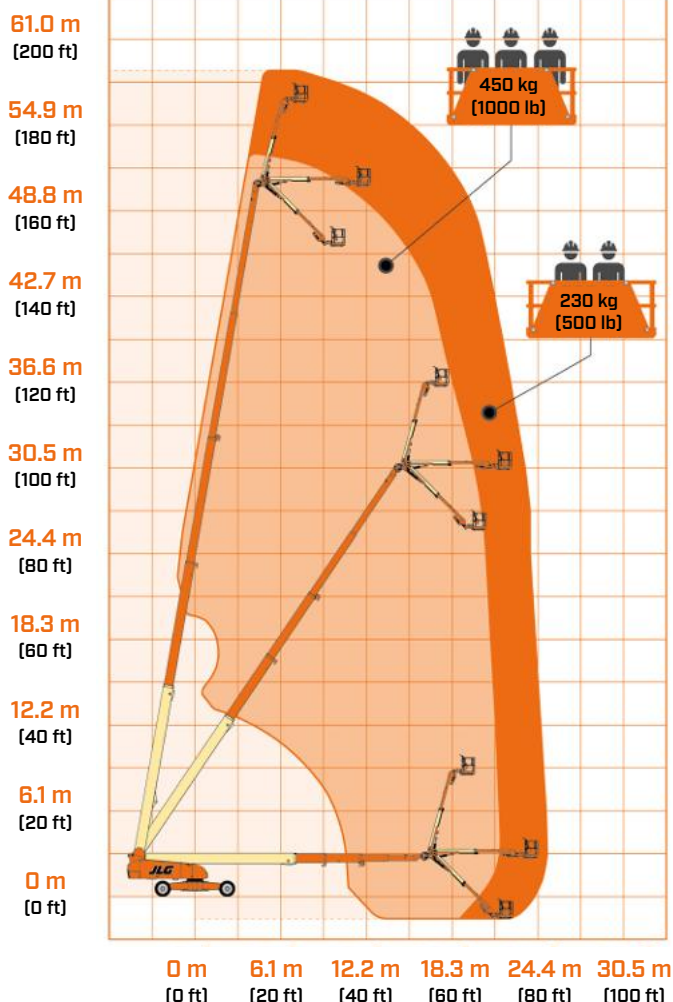
DIMENSIONS

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)	5.03 m
E.	Tailswing (working condition)	2.31 m
F.	Stowed Height	3.05 m
G.	Stowed Length	19.46 m
H.	Transport length	14.58 m
I.	Wheelbase	4.59 m (Axles Extended) 5.22 m (Axles Retracted)
J.	Ground Clearance	0.41 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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