

1500AJP

Ultra Series Articulating Boom Lifts
Reach Specifications

Platform Height	150 ft (45.72 m)
Horizontal Reach	75 ft (22.86 m)
Up and Over Height	60 ft (18.29 m)
Swing	360° Continuous
Platform Capacity — Restricted	1,000 lb (454 kg)
Platform Capacity — Unrestricted	600 lb 272 kg)
Platform Rotator	180°
JibPLUS ¹	Length 8 ft (2.44 m)
	Horizontal Motion ¹ 125°
	Vertical Motion 130° (+75/-55)

Dimensional Data

A. Platform Size	36 x 96 in. (0.91 x 2.44 m)
B. Overall Width	Axles Retracted 8 ft 1.5 in. (2.5 m)
	Overall Width Axles Extended 16 ft 6 in. (5 m)
C. Tailswing	0
D. Stowed Height	10 ft 2 in. (3.1 m)
E. Overall Length	Jib Stowed 39 ft 8 in. (12.09 m)
	Overall Length Jib Deployed 49 ft 8 in. (15.1 m)
F. Wheel Base	Extended 15 ft (4.6 m)
	Retracted 17 ft 1.5 in. (5.22 m)
G. Ground Clearance	Axle 9 in. (23 cm)
	Chassis 15.75 in. (40 cm)
Weight ²	57,400 lb (26,039 kg)

Chassis

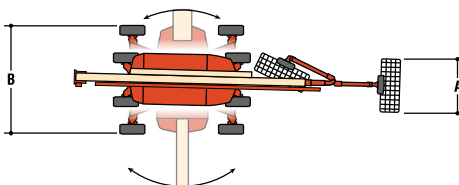
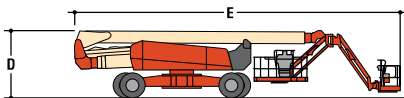
Max Ground Bearing Pressure*	120 psi (83.7 kg/cm ²)
Drive Speed	2.8 mph (4.5 km/h)
Gradeability	40%
Turning Radius (Inside)	Axles Retracted 23 ft 4 in. (7.11 m)
	Axles Extended 7 ft 6 in. (2.28 m)
Turning Radius (Outside)	Axles Retracted 3 ft 3 in. (9.52 m)
	Axles Extended 21 ft 8 in. (6.6 m)
Crab Steer Ratio ³	1:1
Tires/Type	445/50D710 Foam Filled

Power Source

Diesel Engine	Deutz TCD 3.6L	99.8 hp (74.45 kW)
Fuel Tank Capacity	45 gal (170 L)	
Hydraulic Reservoir	93 gal (352 L)	
Auxiliary Power	12V DC	
Generator Nominal/Continuous	7,500 Watt	

*Ground bearing pressure applies to standard tires.

- Capacity is limited to 500 lb (227 kg) when JibPLUS is extended horizontally.
- 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) JibPLUS¹ 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
- 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™ Control Console

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

- Includes platform mounted work lights and drive/back-up 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

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

