ICULATING BOOM LIFT





KEY SPECS

Platform Height 80-ft / 24.38-m

Horizontal Outreach 51-ft 10-in / 15.8-m

Up and Over Height 32-ft 1-in / 9.78-m

Platform Capacity 500-lb / 227-kg

KEY FEATURES

- Delivers a zero calibration automatic load sensing system that eliminates the need to use external weights to calibrate the machine.
- Provides economical diesel performance to tackle the terrain.
- Backed by industry-leading, customerfirst service and support.
- Available accessories and options provide the flexibility to upfit the machine to meet unique job requirements.

ACCESSORIES & OPTIONS

- 1/2-in Airline to Platform
- 43.5-lb Propane Tank
- AC Generator, 2500W or 4000W
- Accessory Packages:
 - SkyGlazier® Package
 - SkyPower® Package
- SkyWelder® Package
- Arctic Package¹
- Cold Weather Start Package²
- Hostile Environment Package
- Light Packages

- Platform Mesh to Mid or Ton Rail
- Aluminum or Plastic
- Platforms
 - Drop Bar, 30 x 36-in, 30 x 48-in, 30 x 72-in, 36 x 72-in, 36 x 96-in
 - Fall Arrest, Rear Entry, 36 x 72-in, 36 x 96-in
 - Inward Self-Closing Swing Gate, 30 x 48-in, 30 x 60-in, 36 x 72-in, 36 x 96-in
- Tri-Entry, Drop Bar or Swing Gate, 36 x 72-in, 36 x 96-in
- SkySense® Enhanced **Detection System**
- Soft Touch

STANDARD SPECIFICATIONS

Performance

Platform Height 80-ft / 24 38-m Horizontal Outreach 51-ft 10-in / 15.8-m Up and Over Height 32-ft 1-in / 9.78-m Swing 360 Degrees Continuous Platform Capacity 500-lb / 227-kg Platform Rotator 180 Degrees Hydraulic Jib Length 6-ft / 1.83-m Jib Range of Articulation 130 Degrees (+70, −60)

Weight* 34,738-lb / 15,757-kg Max. Ground Bearing Pressure 76 psi / 5.3 kg/cm² 3.0 mph / 4.8 km/h Drive Speed

Gradeability 2WD / 4WD 30% / 45% Tilt Cut Out 4 Degrees

Turning Radius - Inside (2WS/4WS) 12-ft 6-in / 3.8-m) / 6-ft / 1.83-m Turning Radius - Outside (2WS/4WS) 19-ft 8-in / 6.02-m / 11-ft 7-in / 3.53-m

Engine

Dual Fuel - Ford MSG 425DF 84 hp / 62.6 kW Diesel Fuel - Deutz D2.9L4 Tier 4 Final 67 hp / 50 kW **Fuel Tank Capacity** 39 gal / 147.6 L

Tires

Standard Foam Filled, 18-625 Optional Foam Filled Non-marking, 18 x 625 Foam Filled Sand & Turf, 18-22.5

Hydraulic System

Capacity 40 gal / 151.4 L 12V DC **Auxiliary Power**

STANDARD FEATURES

- 4 Degree Tilt Alarm/ Indicator Light
- 12V-DC Auxiliary Power
- 110V-AC Receptacle in the Platform
- All Motion Alarm
- Articulating Jib
- Center Storage Tray
- ClearSky Smart Fleet™ Hardware (CS550)
- Control ADE® System

- Engine Distress Shutdown — Selectable via Analyzer
- Engine Distress Warning
- Gull-Wing Hoods
- Hourmeter
- Hydrostatic Drive
- LED Motion/Amber Beacon (CS550)
- Lifting/Tie Down Lugs
- Load Sensing System
- Oscillating Axle

- Platform Console Machine
- Proportional Controls
- SkyGuard SkyLine™
- Platform Console Machine Status Light Panel**
- Rapid Replaceable Platform with Self-Closing Gate
- Swing-Out Engine Tray
- USB-A and USB-C Charger

Not All Options Can Be Outfitted On the Same Machine; Consult Factory for Compatibility. Additional Accessories and Options Available Via JLG Aftermarket.

^{*}Certain Options or Country Standards Increase Weight

^{**}Provides Indicator Lights at Platform Control Console for System Distress, Low Fuel, Degree Tilt Light and Foot Switch Status.

^{1.} Includes Arctic Hydraulic Hoses (Drive And Steer Only) And Main Boom Cable, Extreme Cold Engine Oil, Fuel Conditioner, Engine Block Heater, Battery Blanket, Glow Plugs, Hydraulic Tank Heater, Oversized Foot Switch and Arctic Hydraulic Oil.

2. Includes Battery Blanket, Hydraulic Tank Heater, Engine Block Heater Pad.

800AJ articulating boom lift

BOOM LIFT

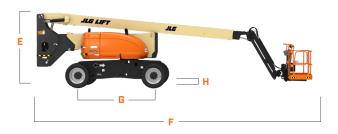


DIMENSIONS

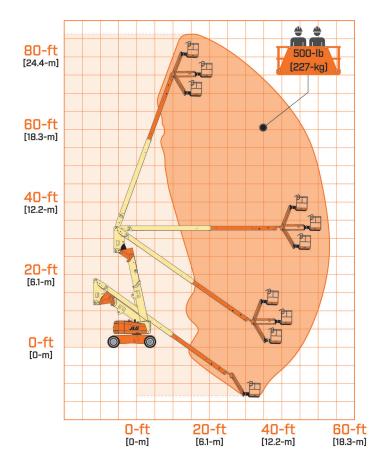
REACH DIAGRAM

All dimensions are approximate





Platform Width 36-in / 0.91-m Platform Length B. 96-in / 2.44-m Machine Width 8-ft 2-in / 2.48-m Tailswing D. 2-ft 6-in / 76-cm Machine Height 9-ft 10-in / 3.0-m E. Machine Length 36-ft 6-in / 11.13-m F. Wheelbase 10-ft / 3.05-m H. **Ground Clearance** 11-in / 28-cm





We provide coverage for one (1) full year, and cover all specified major structural components for five (5) years. Due to continuous product improvements, we reserve the right to make specification and/or equipment changes without prior notification. This machine meets or exceeds applicable ANSI and CSA requirements based on machine configuration as originally manufactured for intended applications. Please reference the serial number plate on the machine for additional information.



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