450 SERIES
ARTICULATING BOOM LIFT

Performance

<table>
<thead>
<tr>
<th>Feature</th>
<th>450A</th>
<th>450AJ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform Height</td>
<td>45 ft</td>
<td>13.72 m</td>
</tr>
<tr>
<td>Horizontal Outreach</td>
<td>30 ft</td>
<td>9.14 m</td>
</tr>
<tr>
<td>450A</td>
<td>25 ft</td>
<td>7.62 m</td>
</tr>
<tr>
<td>Up and Over Height</td>
<td>24 ft</td>
<td>7.3 m</td>
</tr>
<tr>
<td>Swing</td>
<td>355 Degrees Non-Continuous</td>
<td></td>
</tr>
<tr>
<td>Platform Capacity</td>
<td>Unrestricted</td>
<td>550 lb</td>
</tr>
<tr>
<td>Platform Size</td>
<td>30 x 72 in.</td>
<td>0.76 x 1.83 m</td>
</tr>
<tr>
<td>Platform Rotator</td>
<td>180 Degrees Hydraulic</td>
<td></td>
</tr>
<tr>
<td>Jib</td>
<td>4 ft 1 in.</td>
<td>1.24 m</td>
</tr>
<tr>
<td>Range of Articulation</td>
<td>145 Degrees (+76, -69)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>15,850 lb</td>
<td>7,190 kg</td>
</tr>
<tr>
<td>450A</td>
<td>14,150 lb</td>
<td>6,418 kg</td>
</tr>
<tr>
<td>Max Ground Bearing Pressure</td>
<td>65 psi</td>
<td>4.57 kg/cm²</td>
</tr>
<tr>
<td>Drive Speed</td>
<td>4.25 mph</td>
<td>6.84 km/h</td>
</tr>
<tr>
<td>Gradeability</td>
<td>2WD 30%</td>
<td></td>
</tr>
<tr>
<td>4WD 45%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tilt Cut Out</td>
<td>5 Degrees</td>
<td></td>
</tr>
<tr>
<td>Axle Oscillation</td>
<td>4 in.</td>
<td>10 cm</td>
</tr>
<tr>
<td>Turning Radius</td>
<td>Inside 6 ft 9 in.</td>
<td>2.06 m</td>
</tr>
<tr>
<td>Outside 15 ft 8 in.</td>
<td>4.78 m</td>
<td></td>
</tr>
</tbody>
</table>

Standard Specifications

Power Source

- Dual Fuel Engine
  - Kubota WG2503: 61 hp 45.5 kW
  - Diesel Engine: Deutz D2.9 L4 Tier 4 Final: 49 hp 36.4 kW
- Fuel Tank Capacity: 16 gal. 60.6 L

Hydraulic System

- System Capacity: 38 gal. 143.8 L
- Tank Capacity: 36 gal. 136.27 L
- Auxiliary Power: 12V-DC

Tires

- Standard: 33/1550 x 16.5 Foam Filled Lug Tread
- Optional: Non Marking Foam Filled Tires

Standard Features

- 4 ft 1 in. (1.24 m) Articulating Jib
- Platform 30 x 72 in. (0.76 x 1.83 m) Side Entry
- 180 Degree Hydraulic Platform Rotator
- Platform Console Machine Status Light Panel
- 110V-AC Receptacle in the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Swing Out Engine Module
- Improved Multi-Function Controls
- Gulf-Wing Turntable Hoods
- 12V-DC Auxiliary Power
- Hourmeter
- Interactive Display at Ground Controls
- Proportional Controls
- Control ADE® System
- Lifting/Tie Down Lugs
- Horn
- Four-Wheel Hydrostatic Drive
- Oscillating Axle
- Cast Aluminum Control Box
- Motion Alarm
- Reduced Time to Full Height
- Load Sensing System
- SkyGuard SkyLine™

Accessories & Options

- 30 x 60 in. (0.76 x 1.25 m) Platform
- Inward Self-Closing Swing
- 36 x 72 in. (0.91 x 1.83 m) Platform
- Fall Arrest Platform 30 x 60 in. (.76 x 1.53 m)
- 1/2 in. Air Line to Platform
- SkySense™
- Soft Touch System
- AC Generator
- Flashing Amber Beacon
- 43.5 lb (19.73 kg) Propane Tank
- Cold Weather Kit¹
- Hostile Environment Kit²
- Arctic Package³
- Light Package³
- Operator Tool Tray
- Accessory Packages
  - SkyPower® Package
  - SkyWelder® Package

1. Provides indicator lights at platform control console for system distress, low fuel, 5 degree tilt light, and foot switch status.
2. Includes battery blanket, hydraulic tank heater, block heater (GM), glow plugs (Deutz).
3. Includes boom wipers, cylinder bellows and console cover. 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, and oversized foot switch.
4. Includes platform work lights, head and tail lights, amber beacon.
5. Note: Some option may increase lead time, and some option combinations may not be available.

Additional accessories and options available via JLG Aftermarket.
## Dimensions

All dimensions are approximate.

### 450A

- Reach Diagrams
- Zero Tail Swing
- 7 ft 8 in. (2.34 m)
- 30 x 72 in. (0.76 x 1.83 m)

### 450AJ

- Reach Diagrams
- Zero Tail Swing
- 7 ft 9 in. (2.36 m)
- 30 x 72 in. (0.76 x 1.83 m)

## The JLG “1 & 5” Warranty

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.