450 SERIES
ARTICULATING BOOM LIFT

Performance

<table>
<thead>
<tr>
<th>Specification</th>
<th>45 ft (13.72 m)</th>
<th>30 ft (9.14 m)</th>
<th>25 ft (7.62 m)</th>
<th>24 ft (7.3 m)</th>
<th>35 Degrees Non-Continuous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform Height</td>
<td>45 ft</td>
<td>45 ft</td>
<td>45 ft</td>
<td>24 ft</td>
<td>355 Degrees Non-Continuous</td>
</tr>
<tr>
<td>Horizontal Outreach</td>
<td>450A 30 ft</td>
<td>450AJ 25 ft</td>
<td>450A 30 ft</td>
<td>450AJ 25 ft</td>
<td>450A 30 ft</td>
</tr>
<tr>
<td></td>
<td>9.14 m</td>
<td>7.62 m</td>
<td>9.14 m</td>
<td>7.62 m</td>
<td>9.14 m</td>
</tr>
<tr>
<td>Up and Over Height</td>
<td>24 ft</td>
<td>24 ft</td>
<td>24 ft</td>
<td>24 ft</td>
<td>24 ft</td>
</tr>
<tr>
<td>Swing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Platform Capacity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted</td>
<td>550 lb</td>
<td>550 lb</td>
<td>550 lb</td>
<td>550 lb</td>
<td>550 lb</td>
</tr>
<tr>
<td>Platform Size</td>
<td>30 x 72 in.</td>
<td>25 x 72 in.</td>
<td>25 x 72 in.</td>
<td>25 x 72 in.</td>
<td>25 x 72 in.</td>
</tr>
<tr>
<td>Platform Rotator</td>
<td>180 Degrees</td>
<td>180 Degrees</td>
<td>180 Degrees</td>
<td>180 Degrees</td>
<td>180 Degrees</td>
</tr>
<tr>
<td>Jib</td>
<td>4 ft 1 in.</td>
<td>4 ft 1 in.</td>
<td>4 ft 1 in.</td>
<td>4 ft 1 in.</td>
<td>4 ft 1 in.</td>
</tr>
<tr>
<td>Range of Articulation</td>
<td>145 Degrees</td>
<td>145 Degrees</td>
<td>145 Degrees</td>
<td>145 Degrees</td>
<td>145 Degrees</td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>450A</td>
<td>15,850 lb</td>
<td>14,150 lb</td>
<td>11,000 lb</td>
<td>11,000 lb</td>
<td>11,000 lb</td>
</tr>
<tr>
<td>450AJ</td>
<td>14,100 lb</td>
<td>14,100 lb</td>
<td>11,000 lb</td>
<td>11,000 lb</td>
<td>11,000 lb</td>
</tr>
<tr>
<td>Max Ground Bearing Pressure</td>
<td>65 psi</td>
<td>65 psi</td>
<td>65 psi</td>
<td>65 psi</td>
<td>65 psi</td>
</tr>
<tr>
<td>Drive Speed</td>
<td>4.25 mph</td>
<td>4.25 mph</td>
<td>4.25 mph</td>
<td>4.25 mph</td>
<td>4.25 mph</td>
</tr>
<tr>
<td>Gradeability</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
</tr>
<tr>
<td>2WD</td>
<td>45%</td>
<td>45%</td>
<td>45%</td>
<td>45%</td>
<td>45%</td>
</tr>
<tr>
<td>Tilt Cut Out</td>
<td>5 Degrees</td>
<td>5 Degrees</td>
<td>5 Degrees</td>
<td>5 Degrees</td>
<td>5 Degrees</td>
</tr>
<tr>
<td>Axle Oscillation</td>
<td>4 in.</td>
<td>4 in.</td>
<td>4 in.</td>
<td>4 in.</td>
<td>4 in.</td>
</tr>
<tr>
<td>Turning Radius</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inside</td>
<td>6 ft 9 in.</td>
<td>6 ft 9 in.</td>
<td>6 ft 9 in.</td>
<td>6 ft 9 in.</td>
<td>6 ft 9 in.</td>
</tr>
<tr>
<td>Outside</td>
<td>15 ft 8 in.</td>
<td>15 ft 8 in.</td>
<td>15 ft 8 in.</td>
<td>15 ft 8 in.</td>
<td>15 ft 8 in.</td>
</tr>
<tr>
<td>Standard Specifications</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</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
  - 17.3 gal.
  - 65.5 L
- Tank Capacity
  - 15 gal.
  - 56.8 L
- Auxiliary Power
  - 12V-DC

Tires

- Standard
  - 33/1550 x 16.5 Foam Filled Lug Tread
  - Non Marking Foam Filled Tires
- Optional
  - 33/1550 x 16.5 Foam Filled Lug Tread
  - 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. (0.76 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 Kit
- Hostile Environment Kit
- Arctic Package
- Light Package
- 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.
4. 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 footswitch.
5. Includes platform work lights, head and tail lights, amber beacon.

Note: Some options may increase lead time, and some option combinations may not be available.

Additional accessories and options available via JLG Aftermarket.
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Dimensions

All dimensions are approximate.

450A

25 ft 2 in. (7.68 m)

7 ft 4.8 in. (2.25 m)

11.5 in. (29 cm)

7 ft 8 in. (2.34 m)

Zero Tail Swing

30 x 72 in. (0.76 x 1.83 m)

450AJ

21 ft 6.9 in. (6.67 m)

7 ft 4.8 in. (2.25 m)

16.4 in. (41.7 cm)

7 ft 8 in. (2.34 m)

Zero Tail Swing

30 x 72 in. (0.76 x 1.83 m)

Reach Diagrams

450A

450AJ

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.

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