800 SERIES
ARTICULATING BOOM LIFTS

**Performance**

<table>
<thead>
<tr>
<th>Specification</th>
<th>800A</th>
<th>24.38 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform Height</td>
<td>80 ft</td>
<td></td>
</tr>
<tr>
<td>Horizontal Outreach</td>
<td>53 ft</td>
<td>16.15 m</td>
</tr>
<tr>
<td>800A</td>
<td>51 ft 10 in.</td>
<td>15.8 m</td>
</tr>
<tr>
<td>Up and Over Height</td>
<td>32 ft 1 in.</td>
<td>9.78 m</td>
</tr>
<tr>
<td>Swing</td>
<td>36 ft 6 in.</td>
<td>1.09 x 2.44 m</td>
</tr>
<tr>
<td>Platform, Side Entry</td>
<td>36 x 96 in.</td>
<td></td>
</tr>
<tr>
<td>Platform Capacity—Restricted</td>
<td>800A only</td>
<td>1000 lb*</td>
</tr>
<tr>
<td>Platform Capacity—Unrestricted</td>
<td>800AJ</td>
<td>500 lb</td>
</tr>
<tr>
<td>Platform Rotator</td>
<td>180 Degrees Hydraulic</td>
<td></td>
</tr>
<tr>
<td>Jib Length</td>
<td>6 ft</td>
<td>1.83 m</td>
</tr>
<tr>
<td>Jib Range of Articulation</td>
<td>130 Degrees (+70, –60)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>34,300 lb</td>
<td>15,558 kg</td>
</tr>
<tr>
<td>Max. Ground Bearing Pressure</td>
<td>76 psi</td>
<td>5.3 kg/cm^2</td>
</tr>
<tr>
<td>Drive Speed 2WD or 4WD</td>
<td>3.0 mph</td>
<td>4.8 km/h</td>
</tr>
<tr>
<td>Gradeability</td>
<td>2WD 30%</td>
<td>4WD 45%</td>
</tr>
<tr>
<td>Turning Radius (Inside)</td>
<td>12 ft</td>
<td>3.66 m</td>
</tr>
<tr>
<td>Turning Radius (Outside)</td>
<td>7 ft</td>
<td>2.13 m</td>
</tr>
<tr>
<td>Weight**</td>
<td>34,300 lb</td>
<td>15,558 kg</td>
</tr>
</tbody>
</table>

**Standard Specifications**

**Power Source**

- Dual Fuel Engine
  - GM Vortec 3000 MPFI
  - 82 hp
  - 61 kW
- Diesel Engine
  - Deutz TCD 2.9L4 Tier 4 Final
  - 67 hp
  - 50 kW
- Fuel Tank Capacity
  - 39 gal.
  - 147.6 L

**Hydraulic System**

- Capacity: 40 gal.
- Auxiliary Power: 12V DC
- Fuel Tank Capacity: 147.6 L
- Standard: 15-625 Wide Lug Tread
- Optional: 18 x 625 Foam-Filled Tires

**Tires**

- Standard: 15-625 Wide Lug Tread
- Optional: 18 x 625 Foam-Filled Tires

**Accessories & Options**

- Platform: 36 x 72 in. (0.91 x 1.83 m)
- Operator Tool Tray
- Fall Arrest Platform, Rear Entry:
  - 30 x 72 in. (0.76 x 1.83 m)
- Mesh to Top Rail
- Bolt-on Aluminum 6 ft/8 ft
- Inward Self-Closing Swinging Gate
- Soft Touch System: 6 ft/8 ft
- Cold Weather Start Kit (GM)^3
- Cold Weather Start Kit (Deutz)^3
- Hostile Environment Kit^4
- Light Package^5
- Engine Distress Shutdown — Selectable via Analyzer
- All Motion Alarm

**Standard Features**

- Articulating Jib (800AJ only)
- Dual Rated Capacities (800A only)
- Oscillating Axle
- 180 Degree Hydraulic Platform Rotator
- 110V-AC Receptacle in the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Swing-Out Engine Tray
- 12V-DC Auxiliary Power
- Hourmeter
- Control ADE® System
- Proportional Controls
- Gull-Wing Hoods
- Hydrostatic Drive
- Platform Console Machine Status Light Panel^1
- Lifting/Tie Down Lugs
- Engine Distress Warning
- Rim Protector Lug Tread Tires

1. Provides indicator lights at platform control console for system distress, 5 degree tilt light, and foot switch status.
2. Foam-filled tires required.
3. Includes engine block heater (GM) or glow plugs (Deutz), battery heater, oil tank heater.
4. Includes console cover, boom wipers and cylinder bellows.
5. Includes head and tail lights, and platform worklights.
6. 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. Arctic oil priced separately.
Dimensions

All dimensions are approximate.

800A

Reach Dimensions

800AJ

The JLG “1 & 5” Warranty

JLG Industries, Inc. backs its products with its exclusive “1 & 5” Warranty. We provide coverage on all products 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 OSHA Regulations in 29 CFR 1910.67, 29 CFR 1926.653, ANSI A92.5-2006, and CSA Standard CAN3-B354.2-M82, as originally manufactured for intended applications.