## 800 SERIES

### ARTICULATING BOOM LIFT

#### Performance

<table>
<thead>
<tr>
<th>Performance</th>
<th>800 ft</th>
<th>24.38 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform Height</td>
<td>80 ft</td>
<td>24.38 m</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 Platform, Side Entry</td>
<td>360 Degrees Continuous</td>
<td>9.78 m</td>
</tr>
<tr>
<td>Swing Platform Capacity Restricted</td>
<td>1000 lb*</td>
<td>454 kg</td>
</tr>
<tr>
<td>Swing Platform Capacity Unrestricted</td>
<td>500 lb</td>
<td>227 kg</td>
</tr>
<tr>
<td>Swing 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>34,738 lb</td>
<td>15,757 kg</td>
</tr>
<tr>
<td>Max. Ground Bearing Pressure</td>
<td>76 psi</td>
<td>5.3 kg/cm²</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>30%</td>
<td></td>
</tr>
<tr>
<td>4WD</td>
<td>45%</td>
<td></td>
</tr>
<tr>
<td>Tilt Cut Out</td>
<td>4 Degrees</td>
<td></td>
</tr>
<tr>
<td>Turning Radius (Inside)</td>
<td>12 ft / 7 ft</td>
<td>3.66 m / 2.13 m</td>
</tr>
<tr>
<td>Turning Radius (Outside)</td>
<td>22 ft 6 in. / 14 ft 6 in.</td>
<td>6.86 m / 4.42 m</td>
</tr>
<tr>
<td>Weight**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Specifications</td>
<td></td>
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</tr>
</tbody>
</table>

#### Standard Specifications

**Power Source**
- Dual Fuel Engine
  - GM Vortec 3000 MPFI: 82 hp, 61 kW
  - Deutz D2011L04: 61 hp, 45.49 kW
- Fuel Tank Capacity: 39 gal., 147.6 L

**Hydraulic System**
- *Capacity*: 40 gal., 151.4 L
- *Auxiliary Power*: 12V/DC

**Tires**
- *Standard*: 15-625 Foam Filled Wide Lug Tread
- *Optional*: 18 x 625 Non Marking Foam Filled Tires
- 18-22.5 Sand/Turf Foam Filled Tires

**Standard Features**
- Oscillating Axle
- Articulating Jib (800AJ only)
- Dual Rated Capacities (800A only)
- Oscillating Axle
- 180 Degree Hydraulic Platform Rotator
- 110V-AC Receptacle in the Platform
- 4 Degree Tilt Alarm/Indicator Light
- Swing-Out Engine Tray
- 12V-DC Auxiliary Power
- Hourmeter
- Control ADE® System
- Proportional Controls

**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)
- Inward Self-Closing Swinging Gate
- Soft Touch System: 6 ft/8 ft
- SkySense™
- 43.5 lb (19.7 kg) Propane Tank
- Cold Weather Start Kit (GM)®
- Cold Weather Start Kit (Deutz)®
- Hostile Environment Kit®
- Light Package®
- Flashing Amber Beacon
- Arctic Package®
- SkyWelder®
- SkyPower® Package — 7500 Watt Generator, power cable to platform, 1/2 in. Air Line to Platform

* Provides indicator lights at platform control console for system distress, 5 degree tilt light, and foot switch status.
1. Includes glow plugs (Diesel), battery heater, oil tank heater.
2. Includes console cover, boom wipers and cylinder bellows.
3. Includes head and taillights, platform worklights and beacon.
4. Includes arctic hydraulic hoses (drive and steer only) and main boom cable, arctic hydraulic oil, extreme cold engine oil, fuel conditioner, engine block heater, battery blanket, glow plugs, hydraulic tank heater, and oversized footswitch.

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.

800A

800AJ

Reach Diagram

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.