



JLG 800 AJ

Model 800 SERIES ARTICULATING BOOM LIFTS



Performance

Platform Height	80 ft	24.38 m
Horizontal Outreach		
800A	53 ft	16.15 m
800AJ	51 ft 10 in.	15.8 m
Up and Over Height	32 ft 1 in.	9.78 m
Swing	360 Degrees Continuous	
Platform, Side Entry	36 x 96 in.	0.91 x 2.44 m
Platform Capacity-Restricted		
800A only	1000 lb*	454 kg
Platform Capacity-Unrestricted	500 lb	227 kg
Platform Rotator	180 Degrees Hydraulic	
Jib Length		
800AJ	6 ft	1.83 m
Jib Range of Articulation		
800AJ	130 Degrees (+70, -80)	
Weight**	34,300 lb	15,558 kg
Max. Ground Bearing Pressure	76 psi	5.3 kg/cm ²
Drive Speed 2WD or 4WD	3.0 mph	4.8 km/h
Gradeability		
2WD	30%	
4WD	45%	
Turning Radius (Inside)		
2WS	12 ft	3.66 m
4WS	7 ft	2.13 m
Turning Radius (Outside)		
2WS	22 ft 6 in.	6.86 m
4WS	14 ft 6 in.	4.42 m

Standard Specifications

Power Source

Dual Fuel Engine		
GM Vortec 3000 MPFI	82 hp	61 kW
Diesel Engine		
Deutz D2011LD4	61.6 hp	46 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 Wide Lug Tread
Optional	18 x 19.5 Foam-Filled Tires

*Except CE rating

**Certain options or country standards will increase vehicle weight

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
- Bull-Wing Hoods
- Hydrostatic Drive
- Platform Console Machine Status Light Panel¹
- Lifting/Tie Down Lugs



- Engine Distress Warning
- Rim Protector Lug Tread Tires
- Engine Distress Shutdown — Selectable via Analyzer
- All Motion Alarm
- SkyPower® Package — 7500 Watt Generator, power cable to platform, 1/2 in. Air Line to Platform

¹ Provides indicator lights at platform control console for system distress, 5 degree tilt light, and foot switch status.

Accessories & Options

- Platform: 36 x 72 in. (0.91 x 1.83 m)
- Operator Tool Tray
- Fall Arrest Platform, Rear Entry²: 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
- 43.5 lb (19.7 kg) Propane Tank
- Cold Weather Start Kit (GM)³
- Cold Weather Start Kit (Deutz)³
- Hostile Environment Kit⁴
- Light Package⁵
- Platform Worklights
- Flashing Amber Beacon
- Arctic Package⁶
- SkyAir®
- SkyWelder®
- Pipe Rack⁶
- SkyGlazier®
- SkyCutter® and SkyAir® Package
- SkyWelder®/SkyCutter®/SkyAir® Combination

² Foam-filled tires required.

³ Includes engine block heater/GM or glow plugs (Deutz), battery heater, oil tank heater.

⁴ Includes canvas cover, boom repairs 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, arctic hydraulic oil, extreme cold engine oil, fuel conditioner, engine block heater, battery blanket, glow plugs, hydraulic tank heater, and oversized footswitch.



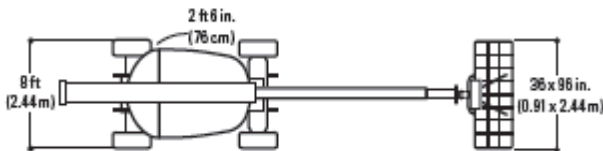
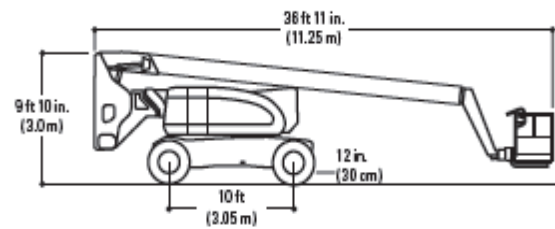
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ARTICULATING BOOM LIFTS

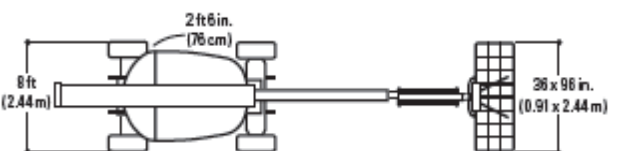
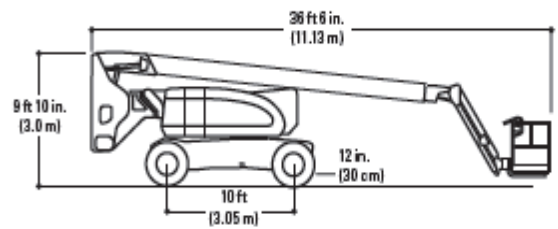
Dimensions

All dimensions are approximate.

800A



800AJ



Reach Dimensions

800A

