800AJ

ARTICULATING BOOM LIFT

Performance

Platform Height	80 ft	24.38 m
Horizontal Outreach	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-Unrestricted	500 lb	227 kg
Platform Rotator	180 Degrees Hydraulic	
Jib Length	6 ft	1.83 m
Jib Range of Articulation	130 Degrees (+70, –60)	
Weight**	34,738 lb	15,757 kg
Max. Ground Bearing Pressure	76 psi	5.3 kg/cm2
Drive Speed 2WD or 4WD	3.0 mph	4.8 km/h
Gradeability		
2WD	30%	
4WD	45%	
Tilt Cut Out	4 Degrees	
Turning Radius (Inside)		
2WS / 4WS	12 ft / 7 ft	3.66 m / 2.13 m
Turning Radius (Outside)		
2WS / 4WS	22 ft 6 in. / 14 ft 6 in.	6.86 m / 4.42 m

**Certain options or country standards will increase weight.

Standard Specifications

Power Source

Dual Fuel Engine		
Ford MSG 425	84 hp	62.6 kW
Diesel Engine		
Deutz TD2.9L4 Tier 4 Final	67 hp	50 kW
Fuel Tank Capacity	39 gal.	147.6 L

Hydraulic System

• Capacity	40 gal.	151.4 L
• Auxiliary Power	12V DC	

Tires

• Standard	18-625 Foam Filled
• Optional	18 x 625 Non Marking Foam Filled Tires
	18-22.5 Sand/Turf Foam Filled Tires

Standard Features

- Oscillating Axle
- Articulating Jib
- 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
- Gull-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
- Load Sensing System
- SkyGuard SkyLine™



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)[1]
- Cold Weather Start Kit (Deutz)[1]
- Hostile Environment Kit[2]
- Light Package[3]
- Flashing Amber Beacon
- Arctic Package[4]
- 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 tail lights, 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.

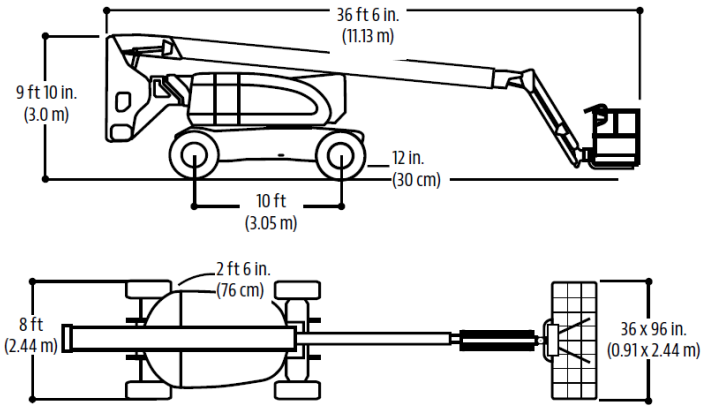
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Dimensions

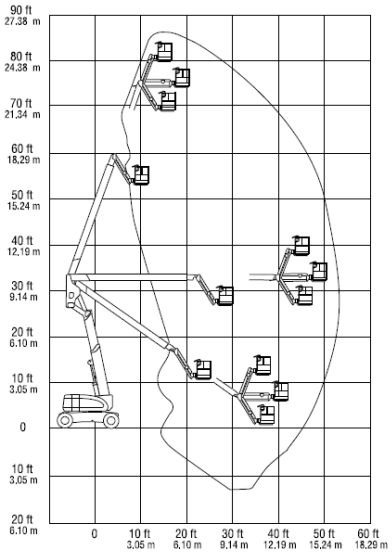
All dimensions are approximate.

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Reach Diagram

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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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