

800AJ

Diesel Powered Articulating Boom Lifts 800 Articulating Series

Features

- JLG's patented QuikStick® boom design significantly reduces lift/lower cycle times
- Best in class reach envelope for enhanced productivity
- Workstation in the Sky™ accessory options available to help you get the job done

Quick Specs

- Platform Height Elevated – 24.38 m
- Overall Width – 2.44 m
- Platform Capacity – 230 kg



* Certain options or country standards increase weight.

** Ground bearing pressure applies to standard tires.

Specifications may change to meet country standards or with addition of optional equipment.

800AJ Specifications

Dimensions

Platform Size	36 x 96" / 0.91 x 2.44 m
Overall Width	8' / 2.44 m
Tailswing	2' 6" / 76 cm
Stowed Height	9' 10" / 3.0 m
Stowed Length	36' 6" / 11.13 m
Wheelbase	10' / 3.05 m
Ground Clearance	12" / 30 cm
Weight*	34,300 lb / 15,558 kg
Max. Ground Bearing Pressure**	76 psi / 5.3 kg/cm ²

Reach Specifications

Platform Height	80' / 24.38 m
Horizontal Outreach	51' 10" / 15.8 m

Up and Over Height	32' 1" / 9.78 m
Swing	360° Continuous
Platform Capacity-Restricted	n/a
Platform Capacity-Unrestricted	500 lb / 227 kg
Platform Rotator	180° Hydraulic
Jib (Range of Articulation)	130° (+70, -60)

Chassis

Drive Speed 2WD or 4WD	3.0 mph / 4.8 kmph
Gradeability 2WD	30%
Gradeability 4WD	45%
Turning Radius (Inside)	
Turning Radius (Inside) - 2WS	12' / 3.66 m
Turning Radius (Inside) - 4WS	7' / 2.13 m
Turning Radius (Outside)	
Turning Radius (Outside) - 2WS	22' 6" / 6.86 m
Turning Radius (Outside) - 4WS	14' 6" / 4.42 m
Tire Size-2WD	385/65 x 19.5
Tire Type-2WD	Pneumatic Lug Tread
Tire Size-4WD	445/55 x 19.5
Tire Type-4WD	Wide Lug Tread

Power Source

Dual Fuel Engine	GM Vortec 3000 MPFI 82 hp / 61 kW
Diesel Engine	Deutz D2011L04 64 hp / 47kW - Caterpillar 3044C 63.3 hp / 48 kW
Fuel Tank Capacity	39 gal. / 147.63 L
Hydraulic Reservoir	40 gal. / 151.42 L
Auxiliary Power	12V DC

Noise Level	70 dBa @ 7 meters
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