400 SERIES TELESCOPIC BOOM LIFTS



Performance

Platform Height			
400S	40 ft	12.19 m	
460SJ	46 ft	14.05 m	
Horizontal Outreach			
400S	33 ft 3 in.	10.13 m	
460SJ	39 ft 7 in.	12.07 m	
Swing	360 Degrees Continuous		
Platform Capacity			
Restricted (400S)	1,000 lb	454 kg	
Unrestricted	600 lb	272 kg	
460SJ	600 lb	272 kg	
Platform Rotator	180 Degrees Hydraulic		
Jib (460SJ only)			
Range of Articulation	6 ft	1.83 m	
	130 Degrees (+70, -60)		
Weight*			
400S	13,425 lb	6,090 kg	
460SJ	16,370 lb	7,425 kg	
Max. Ground Bearing Pressure	60 psi	4.19 kg/cm ²	
Drive Speed	4.5 mph	7.2 km/h	
Gradeability	45%		
Turning Radius			
Outside	15 ft 10.5 in.	4.8 m	
Inside	6 ft 6.9 in.	2.0 m	

Standard Specifications

Power Source

Dual Fuel Engine		
GM Vortec 3000 MPFI	82 hp	61 kW
Diesel Engine		
Deutz D2.9L4 Tier 4 Final	49 hp	36.4 kW
Fuel Tank Capacity	22 gal.	83.3 L

Hydraulic Reservoir

	20	126.27
 Hydraulic Reservoir 	36 gal	136.27 L
 Auxiliary Power 	12V-DC	

12 x 16.5 Pneumatic Lug Tread Tires

14 x 17.5 Pneumatic Lug Tread Tires

12 x 16.5 Foam-Filled, Non-Marking Tires

High Flotation Sand/Turf Tires (4WD Only)

14 x 17.5 Foam-Filled Tires

12 x 16.5 Foam-Filled Tires

Tires

- Standard
- Optional



Standard Features

- 180 Degree Hydraulic Platform Rotator
- Platform Console Machine Status Light Panel*
- 110V-AC Receptacle in the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Swing Out Engine Tray
- 12V-DC Auxiliary Power
- Hourmeter
- Improved Multi-Function Controls
- Motion AlarmGlow Plugs (Diesel Engines)

• Four-Wheel Hydrostatic Drive

Proportional Controls

• Control ADE[®] System

• Lifting/Tie Down Lugs

Oscillating Axle

• Horn

• Interactive Display at Ground Controls

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

Accessories & Options

- Inward Self-Closing Swing Gate
- 36 x 72 in. (0.91 x 1.83 m) Platform
- Fall Arrest Platform 36 x 72 in.
- (0.91 x 1.83 m)
- 1/2 in. Air Line to Platform
- Soft Touch System
- AC Generator
- Tow Package (2WD Only)
- Flashing Amber Beacon
- 43.5 lb (19.73 kg) Propane Tank
- Cold Weather Kit
- Arctic Package
- Note: Some options may increase lead time, and some option combinations may not be available.

- Hostile Environment KitLight Package
- Platform Worklights
- Special Hydraulic Oils (Consult Factory)
- Spark Arresting Muffler
- Operator Tool Tray
- Accessory Packages
- SkyPower[®] Package
- SkyWelder[®] Package
 SkyGlazier[®] Package
- Nite Bright[®] Package
- SkyGuard®
- PipeRack





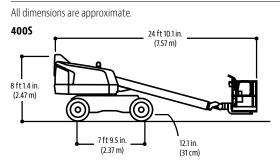
96 in.

(2.44 m)

36 in.

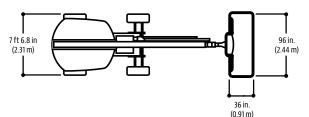
(0.91 m)

Dimensions



29 ft 2.9 in. 460SJ (8.91 m) 8 ft 1.4 in. (2.47 m) $(\bigcirc$ a 7 ft 9.5 in. 12.1 in. (2.37 m) (31 cm)

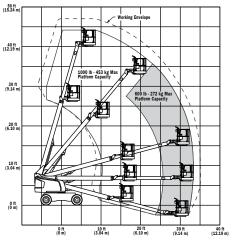
400S Top View



7 ft 6.8 in (2.31 m)

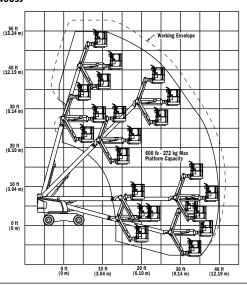
Reach Diagrams

400S



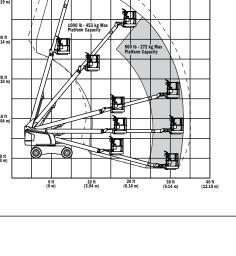
460SJ

460SJ Top View



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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 1926.453, ANSI A92.5-2006, and CSA Standard CAN3-B354.2-M82, as originally manufactured for intended applications.

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