# **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	12 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	13,640 lb	6,187 kg	
460SJ	17,394 lb	7,890kg	
Max. Ground Bearing Pressure	73 psi	5.13 kg/cm <sup>2</sup>	
Drive Speed	4.25 mph	6.8 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

<ul> <li>Hydraulic Reservoir</li> </ul>	36 gal	136.27 L
<ul> <li>Auxiliary Power</li> </ul>	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 Alarm • Glow Plugs (Diesel Engines)

• Four-Wheel Hydrostatic Drive

Proportional Controls

• Control ADE<sup>®</sup> 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

- Hostile Environment Kit

- Light Package Platform Worklights
- Special Hydraulic Oils (Consult Factory)
- Spark Arresting Muffler
- Operator Tool Tray
- Accessory Packages
- SkyPower<sup>®</sup> Package
- SkyWelder® Package
- SkyGlazier<sup>®</sup> Package
- Nite Bright<sup>®</sup> Package
- SkyGuard®
- PipeRack

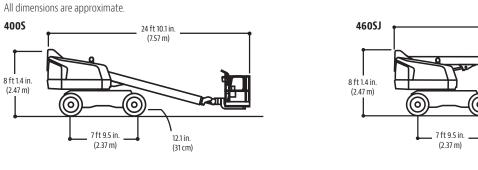
Note: Some options may increase lead time, and some option combinations may not be available.

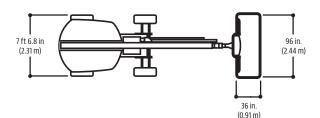
- Tow Package (2WD Only)
- Flashing Amber Beacon
- 43.5 lb (19.73 kg) Propane Tank
- Cold Weather Kit
- Arctic Package

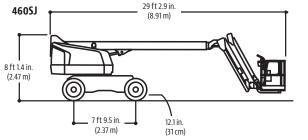


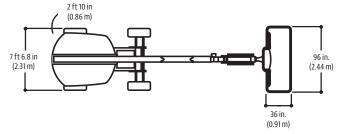


#### Dimensions



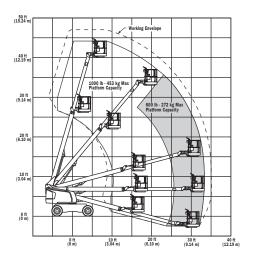




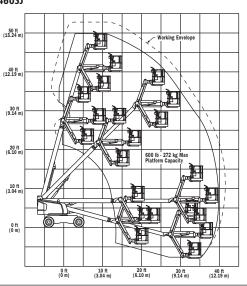


## **Reach Diagrams**

400S



460SJ





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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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