Model

400 Series

TELESCOPIC BOOM LIFTS

Features

Articulating Jib (460SJ only) 6 ft (1.83 m)
Platform
   Side Entry 36 x 96 in. (0.91 x 2.44 m)
Inward Self-Closing Swinging Gate
180 Degree Hydraulic Platform Rotator
Platform Console Machine Status Light Panel
110V-AC Receptacle in the Platform
5 Degree Tilt Alarm/Indicator Light
12 x 16.5 Rim Protector Lug Tread Tires
Swing Out Engine Tray
12V-DC Auxiliary Power
Hourmeter
Proportional Controls
Control ADE® System
Lifting/Tie Down Lugs
Horn
Oscillating Axle
Operator Tool Tray
Motion Alarm

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

Accessories & Options

750 lb (340 kg) Unrestricted Capacity
   with 1,000 lb (450 kg) Restricted Capacity (400S Only)
36 x 72 in. (0.91 x 1.83 m) Platform
1/2 in. Air Line to Platform
Soft Touch System
14 x 7.5 Lug Tread Tires
Foam-Filled Tires
High Flotation Sand/Turf Tires (4WD Only)
2500W Generator
Tow Package (2WD Only)
Flashing Amber Beacon
43.5 lb (19.73 kg) Propane Tank
Cold Weather Kit
Hostile Environment Kit
Arctic Package
Semi-Trak
Light Package
Platform Worklights

Accessories
   SkyPower® Package
   SkyWelder® Package
   SkyCutter® Package
   SkyGlazier® Package (400S only)
   Nite Bright® Package
   SkyAir® Package (requires SkyPower)
   SkyCutter and SkyAir Package
   SkyWelder/SkyCutter/SkyAir Combination (requires SkyPower)
   PipeRack

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

Increased Productivity

- The fastest lift and drive speeds in their class
- Reaches up to 3.5 ft (1.07 m) further than competitive models
- Improved rough terrain capabilities with 45% gradeability

Enhanced Control

- Exclusive Control ADE® (Advanced Design Electronics) system for better performance with improved serviceability
- Control ADE system allows function speeds and options to be customized to meet customer preferences
- Provides better fuel efficiency, and reduced emissions

Improved Maintainability

- Enhanced electrical system minimizes the number of wires and connections
- The Control ADE system reduces troubleshooting time and identifies potential problems
- Swing-out engine tray provides ease of access
Specifications

Reach
Platform Height
- 400S: 40 ft 4 in. (12.3 m)
- 460SJ: 46 ft 1 in. (14.02 m)
Horizontal Outreach
- 400S: 34 ft 1 in. (10.4 m)
- 460SJ: 40 ft 6 in. (12.34 m)
Swing
- 360 Degrees Continuous
Platform Capacity
- Restricted (400S): 1,000 lb (450 kg)
- Unrestricted: 500 lb (227 kg)
- Optional: 750 lb (340 kg)
Platform Rotator
- 180 Degrees Hydraulic
Jib (Range of Articulation)
- 460SJ: 6 ft (1.83 m), 130 Degrees (+70, -60)
Lift/Lower Speed
- 29/22 seconds

Dimensions
A. Platform Size: 36 x 96 in. (0.91 x 2.44 m)
B. Overall Width: 7 ft 6 in. (2.30 m)
C. Tailswing: 2 ft 10 in. (86 cm)
D. Stowed Height: 7 ft 10 in. (2.39 m)
E. Stowed Length
- 400S: 24 ft 9 in. (7.54 m)
- 460SJ: 29 ft (8.84 m)
F. Wheelbase: 7 ft 8 in. (2.34 m)
G. Ground Clearance
- Standard Tires: 12.5 in. (32 cm)
- 14 x 17.5 Tires: 13.5 in. (34 cm)

Weight
- 400S: 12,525 lb (5,681 kg)
- 460SJ: 15,855 lb (7,192 kg)
Max. Ground Bearing Pressure: 58 psi (4.06 kg/cm²)

Chassis
Drive Speed 2WD/4WD
- 4.5 mph (7.2 kph)
Gradeability
- 2WD: 30%
- 4WD: 45%
Turning Radius
- Outside: 16 ft 5 in. (5.0 m)
- Inside: 6 ft 7 in. (2.0 m)
Tire Size/Type
- Standard: 12 x 16.5 Pneumatic
- Optional: 14 x 17.5 Pneumatic

Power Source
Dual Fuel Engine
- GM Vortec 3000 MPFI: 82 hp (61 kW)
- Diesel Engine
- Deutz F3M1011: 48 hp (35.8 kW)
- Caterpillar C2.2: 50 hp (37.2 kW)
Fuel Tank Capacity: 26 gal. (98.5 L)
Hydraulic Reservoir: 42 gal. (159 L)
Auxiliary Power: 12V DC

The JLG “1 & 5” Warranty
JLG Industries, Inc. backs our 400 Series boom lifts with our exclusive “1 & 5” Warranty. We provide coverage for one (1) full year, and cover all specified major structural components for five (5) years. These machines meet or exceed applicable OSHA Regulations in 29 CFR 1910.67, 29 CFR 1926.453, ANSI A92.5-2000 and CSA standard B354.4-02 as originally manufactured for intended applications. We reserve the right to make price, specification, and/or equipment changes without prior notification.

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