400 HC3 SERIES
TELESCOPIC HI-CAPACITY BOOM LIFTS

Performance

Platform Height
- 400S HC3: 40 ft (12.19 m)
- 460SJ HC3: 46 ft (14.05 m)

Horizontal Outreach
- 400S HC3: 33 ft 6.9 in. (10.23 m)
- 460SJ HC3: 39 ft 11.4 in. (12.23 m)

Swing
- Platform Height: 360 Degrees Continuous

Platform Capacity
- 400S HC3 - Restricted: 750/1000 lb (340/454 kg)
- 400S HC3 - Unrestricted: 660 lb (300 kg)
- 460SJ HC3 - Restricted: 750/1000 lb (340/454 kg)
- 460SJ HC3 - Unrestricted: 660 lb (300 kg)

Platform Rotator
- 180 Degrees Hydraulic

Jib (460SJ HC3 only)
- Range of Articulation: 6 ft (1.83 m)

Weight*
- 400S HC3: 15,040 lb (6,822 kg)
- 460SJ HC3: 19,260 lb (8,736 kg)

Max. Ground Bearing Pressure
- 400S HC3: 60 psi (4.19 kg/cm²)
- 460SJ HC3: 69 psi (4.76 kg/cm²)

Drive Speed
- 4.25 mph (6.8 km/h)

Gradeability
- 45%

Tilt Cut Out
- 5 Degrees

Turning Radius
- 400S HC3 - Outside: 15 ft 8.6 in. (4.8 m)
- 400S HC3 - Inside: 6 ft 9.4 in. (2.07 m)
- 460SJ HC3 - Outside: 15 ft 8.6 in. (4.8 m)
- 460SJ HC3 - Inside: 6 ft 9.4 in. (2.07 m)

Power Source

Dual Fuel Engine
- Kubota WG2503 DF: 61 hp (45.5 kW)

Diesel Engine
- Deutz D2.9L4 Tier 4 Final: 49 hp (36.4 kW)

Fuel Tank Capacity
- 22 gal. (83.3 L)

Hydraulic Reservoir
- 36 gal (136.27 L)
- 12V-DC

Tires
- Standard: 12 x 16.5 Foam Filled Lug Tread Tires
- Optional: 14 x 17.5 Foam-Filled Tires

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
- Proportional Controls
- Interactive Display at Ground Controls
- Control ADE® System
- Lifting/Tie Down Lugs
- Horn
- Four-Wheel Hydrostatic Drive
- Oscillating Axle
- Motion Alarm
- Glow Plugs (Diesel Engines)
- Load Sensing System
- SkyGuard SkyLine™

Standard Specifications

3 Capacity Zones - Each rated for 3 occupants + tools/materials

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
- SkySense™
- Flashing Amber Beacon
- 43.5 lb (19.73 kg) Propane Tank
- Cold Weather Package
- Arctic Package
- Hostile Environment Kit
- Light Package
- Special Hydraulic Oils (Consult Factory)
- Operator Tool Tray
- Accessory Packages
- SkyPower® Package
- SkyWelder® Package

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

1. Includes Battery Blanket, Hydraulic Tank Heater, Block Heater.
2. Includes Arctic Hydraulic Hoses (Drive, Steer), Main Boom Cable, Extreme Cold Engine Oil, Fuel Conditioner, Engine Block Heater, Battery Blanket, Glow Plugs, Hydraulic Tank Heater, Oversized Footswitch And Arctic Hydraulic Oil.
3. Includes console cover, boom wipers and cylinder bellows.
4. Includes platform work lights, head and tail lights, amber beacon.

Additional accessories and options available via JLG Aftermarket.
**400 HC3 SERIES**
TELESCOPIC HI-CAPACITY BOOM LIFTS

**Dimensions**
All dimensions are approximate.

**400S HC3**
- 8 ft 4 in. (2.47 m)
- 3 ft 0 in. (0.91 m)
- 7 ft 6.8 in. (2.31 m)
- 24 ft 11 in. (7.4 m)

**460SJ HC3**
- 8 ft 4 in. (2.47 m)
- 3 ft 0 in. (0.91 m)
- 7 ft 6.8 in. (2.31 m)
- 29 ft 2.9 in. (8.91 m)

**Reach Diagrams**

**400S HC3**
- 1,000 lb (Max Capacity)
- 750 lb (Max Capacity)
- 660 lb (Max Capacity)

**460SJ HC3**
- 1,000 lb (Max Capacity)
- 750 lb (Max Capacity)
- 660 lb (Max Capacity)

**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.
Performance

<table>
<thead>
<tr>
<th>Specification</th>
<th>60 ft 7 in.</th>
<th>18.47 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform Height</td>
<td>60 ft 7 in.</td>
<td>18.47 m</td>
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<tr>
<td>Horizontal Outreach</td>
<td>39 ft 9 in.</td>
<td>12.10 m</td>
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<tr>
<td>Up and Over Clearance</td>
<td>26 ft 7 in.</td>
<td>8.1 m</td>
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<tr>
<td>Swing</td>
<td>360 Degrees Continuous</td>
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<tr>
<td>Platform Capacity</td>
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<td></td>
</tr>
<tr>
<td>600AJ HC3 - Restricted</td>
<td>750/1000 lb</td>
<td>340/454 kg</td>
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<tr>
<td>600AJ HC3 - Unrestricted</td>
<td>660 lb</td>
<td>300 kg</td>
</tr>
<tr>
<td>Platform Rotator</td>
<td>180 Degrees Hydraulic</td>
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<tr>
<td>Jib Range of Articulation</td>
<td>130 Degrees (+70, –60)</td>
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<tr>
<td>Weight</td>
<td>26,057 lb</td>
<td>11,819 kg</td>
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<tr>
<td>Max. Ground Bearing Pressure</td>
<td>75 psi</td>
<td>5.25 kg/cm²</td>
</tr>
<tr>
<td>Drive Speed 4WD</td>
<td>4.25 mph</td>
<td>6.8 kph</td>
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<tr>
<td>Gradeability 4WD</td>
<td>45%</td>
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<tr>
<td>Tilt Cut Out</td>
<td>5 Degrees</td>
<td></td>
</tr>
<tr>
<td>Axle Oscillation</td>
<td>8 in. 0.2 m</td>
<td></td>
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<tr>
<td>Turning Radius Inside/Outside</td>
<td>10 ft. 11 in./17 ft. 7 in.</td>
<td>3.33 m/5.36 m</td>
</tr>
</tbody>
</table>

Standard Specifications

Power Source

- Dual Fuel Engine
  - Ford MSG425 84 hp 62 kw
  - Diesel Engine
    - Deutz D2.9L4 Tier 4 Final 49 hp 36.4 kW
- Fuel Tank Capacity: 30 gal. 113.6 L

Hydraulic System

- Capacity 30.6 gal. 115.8 L
- Auxiliary Power 12V DC

Tires

- Standard: IN35/55D-6.25 Foam Filled

Standard Features

- Oscillating Axle
- 180 Degree Hydraulic Platform Rotator
- 110V-AC Receptacle in the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Swing-Out Engine Tray
- 12V-DC Auxiliary Power
- Hourmeter
- Horn
- Control ADE® System
- Proportional Controls
- Gull-Wing Engine Hood
- LED Light Panel at Platform and Ground Control Consoles
- Status Light Panel
- Lifting/Tie Down Lugs
- All Motion Alarm
- Glow Plugs (Diesel Engines)
- Load Sensing System
- SkyGuard SkyLine

Accessories & Options

- Platform: 36 x 72 in. (0.91 x 1.83 m)
- Fall Arrest Platform, Rear Entry: 36 x 96 in. (0.91 x 2.44 m)
- Self-Closing Gate
- SkySense™
- Soft Touch System
- Operator Tool Tray
- 43.5 lb (19.7 kg) Propane Tank
- Cold Weather Package
- Hostile Environment Kit
- Light Package
- Flashing Amber Beacon
- Arctic Package
- Accessory Packages:
  - SkyPower®
  - SkyWelder®

* Provides indicator lights at platform and ground control consoles to show system distress, 5 degree tilt light, and foot switch status.

1. Includes Battery Blanket, Hydraulic Tank Heater, Block 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, Steer), Main Boom Cable, Extreme Cold Engine Oil, Fuel Conditioner, Engine Block Heater, Battery Blanket, Glow Plugs, Hydraulic Tank Heater, Oversized Footswitch And Arctic Hydraulic Oil.

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Reach Diagram

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