

450AJ

ARTICULATING BOOM LIFT



Performance

| | | |
|---|----------------------------|-------------------------|
| Platform Height | 45 ft | 13.72 m |
| Horizontal Outreach | 25 ft | 7.62 m |
| Up and Over Height | 24 ft | 7.3 m |
| Swing | 355 Degrees Non-Continuous | |
| Platform Capacity Unrestricted | 550 lb | 249.5 kg |
| Platform Size | 30 x 72 in. | 0.76 x 1.83 m |
| Platform Rotator | 180 Degrees Hydraulic | |
| Jib | 4 ft 1 in. | 1.24 m |
| Range of Articulation | 144 Degrees (+76, -69) | |
| Weight | 12,650 lb | 5,738 kg |
| Max Ground Bearing Pressure (With Pneumatic Tires) | 48 psi | 3.37 kg/cm ² |
| Drive Speed | 4.5 mph | 7.24 km/hr |
| Gradeability | 45% | |
| Axle Oscillation | 4 in. | 10.16 cm |
| Turning Radius | | |
| Inside | 6 ft 9 in. | 2.06 m |
| Outside | 15 ft 8 in. | 4.78 m |

Standard Specifications

Power Source

| | | |
|----------------------------|---------|---------|
| Dual Fuel Engine | | |
| GM Vortec 3000 MPFI | 82 hp | 61 kW |
| Diesel Engine | | |
| Deutz D2.9 L4 Tier 4 Final | 49 hp | 36.4 kW |
| Fuel Tank Capacity | 16 gal. | 64 L |

Hydraulic System

| | | |
|-----------------|---------|----------|
| System Capacity | 38 gal. | 143.8 L |
| Tank Capacity | 36 gal. | 136.27 L |
| Auxiliary Power | 12V-DC | |

Tires

| | |
|----------|---|
| Standard | 33/1550 x 16.5 Superwide |
| Optional | 12 x 16.5 Lug Tread Tires Foam-Filled Tires Non-Marking Tires |



Standard Features

- 4 ft 1 in. (1.24 m) Articulating Jib
- Platform 30 x 72 in. (0.76 x 1.83 m) Side Entry
- 180 Degree Hydraulic Platform Rotator
- Platform Console Machine Status Light Panel¹
- 110V-AC Receptacle in the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Swing Out Engine Module
- Improved Multi-Function Controls
- Gull-Wing Turntable Hoods
- 12V-DC Auxiliary Power
- Hourmeter
- Interactive Display at Ground Controls
- Proportional Controls
- Control ADE[®] System
- Lifting/Tie Down Lugs
- Horn
- Four-Wheel Hydrostatic Drive
- Oscillating Axle
- Cast Aluminum Control Box
- Motion Alarm
- Reduced Time to Full Height

Accessories & Options

- 30 x 60 in. (0.76 x 1.25 m) Platform
- Inward Self-Closing Swing
- 36 x 72 in. (0.91 x 1.83 m) Platform
- Fall Arrest Platform 30 x 60 in. (.76 x 1.53 m)
- Mesh to Top Rail—Bolt-on Aluminum
- 1/2 in. Air Line to Platform
- Soft Touch System
- AC Generator
- Flashing Amber Beacon
- 43.5 lb (19.73 kg) Propane Tank
- Cold Weather Kit²
- Arctic Package⁴
- Hostile Environment Kit³
- Light Package
- Platform Worklights
- Operator Tool Tray
- Accessory Packages
 - SkyPower[®] Package
 - SkyWelder[®] Package
 - SkyGuard[®]
 - PipeRack

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

2. Includes battery blanket, hydraulic tank heater, block heater (GM), glow plugs (Deutz).

3. Includes boom wipers, cylinder bellows and console cover.

4. Includes arctic hydraulic hoses (drive and steer only) and main boom cable, extreme cold engine oil, fuel conditioner, engine block heater, battery blanket, glow plugs, hydraulic tank heater, and oversized footswitch.

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

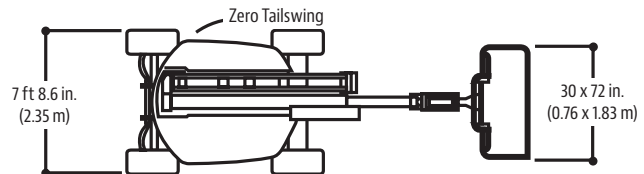
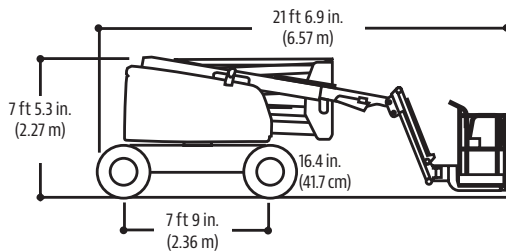
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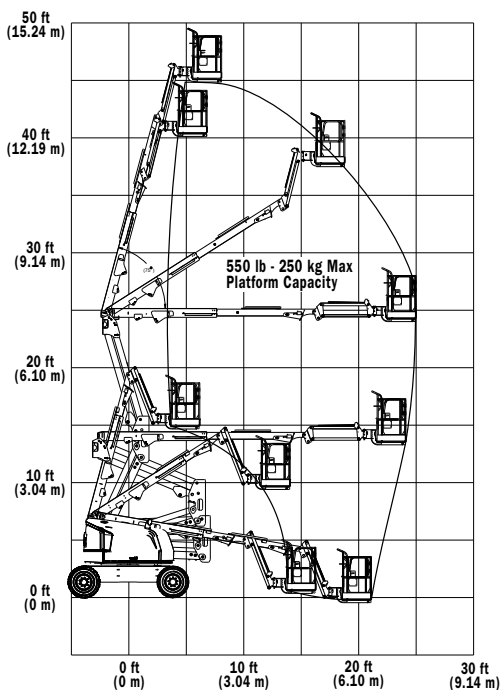
Dimensions

All dimensions are approximate.



Reach Diagram

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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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