

Model 450 SERIES II

ARTICULATING BOOM LIFTS



Features

Articulating Jib (450AJ only) 4 ft 1 in. (1.24 m)
Platform Side Entry 30 x 72 in. (0.76 x 1.83 m)
180 Degree Hydraulic Platform Rotator
Platform Console Machine Status Light Panel*
110V-AC Receptacle in the Platform
5 Degree Tilt Alarm/Indicator Light
Rim Protector Lug Tread Tires
Swing Out Engine Module
Gull-wing Turntable Hoods
12V-DC Auxiliary Power
Hourmeter
Hydrostatic Drive
Proportional Controls
Control ADE® System
Lifting/Tie Down Lugs
Horn
Oscillating Axle
Cast Aluminum Control Box
Motion Alarm

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

Accessories & Options

30 x 60 in. (0.76 x 1.52 m) Platform
Inward Swinging Self Closing Gate
Mesh to Top Rail—Bolt-on Aluminum
1/2 in. Air Line to Platform
Soft Touch System
12 x 16.5 Lug Tread Tires
Foam-Filled Tires
Non-Marking Tires
AC Generator
Flashing Amber Beacon
43.5 lb (19.73 kg) Propane Tank
Cold Weather Kit¹
Hostile Environment Kit²
Arctic Package³
Light Package
Platform Worklights
Operator Tool Tray

Accessories

SkyPower® Package
SkyWelder® Package
SkyCutter® Package

1. Includes battery blanket, hydraulic tank heater, block heater (Ford), glow plugs (Deutz)

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

3. Includes arctic hydraulic hoses (drive and steer only) and main boom cable, arctic hydraulic oil, 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.



Increased Productivity

- Larger work envelope on jib and non-jib models
- Standard articulating jib on the 450AJ increases access in confined spaces
- Improved rough terrain capabilities with 45% gradeability
- Industry leading duty cycles

Enhanced Control

- Exclusive Control ADE® (Advanced Design Electronics) system for better performance with improved serviceability
- Common control system to other JLG combustion-powered boom lifts for reduced training
- Provides better fuel efficiency to lower costs and increase uptime

Improved Maintainability

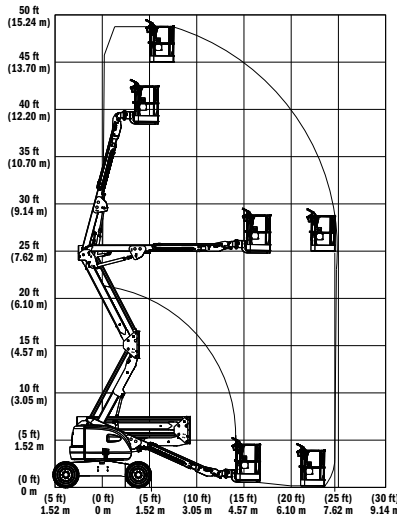
- Enhanced electrical and hydraulic systems minimize wiring and hoses, reducing wear and maintenance
- Control ADE system minimizes the number of wires and connections

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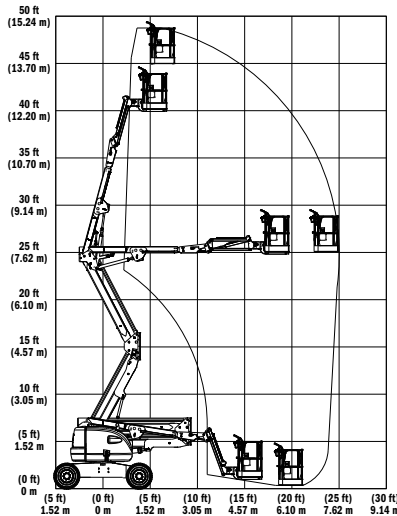
ARTICULATING BOOM LIFTS

Specifications

450A



450AJ



Reach

Platform Height	45 ft (13.72 m)
Horizontal Outreach	24 ft 6 in. (7.47 m)
Up and Over Height	24 ft 10 in. (7.57 m)
Swing	360 Degrees Non-Continuous
Platform Capacity	500 lb (227 kg)
Unrestricted	
Platform Rotator	180 Degrees Hydraulic
Jib (450AJ Only)	4 ft 1 in. (1.24 m)
Range of Articulation	144 Degrees (+74, -70)

Dimensions

A. Platform Size	30 x 72 in. (0.76 x 1.83 m)
B. Overall Width	7 ft 8.25 in. (2.34 m)
C. Tailswing (working condition)	Zero
D. Stowed Height	7 ft 6 in. (2.29 m)
E. Stowed Length	22 ft (6.71 m)
F. Wheelbase	7 ft 8 in. (2.34 m)
G. Ground Clearance	11.5 in. (29 cm)

Weight

450A	12,750 lb (5,783 kg)
450AJ	13,250 lb (6,010 kg)
Max. Ground Bearing Pressure	
450A	65 psi (4.6 kg/cm ²)
450AJ	65 psi (4.6 kg/cm ²)

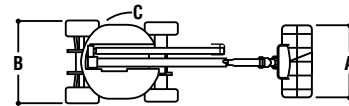
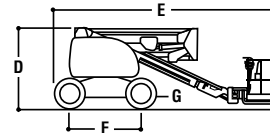
Chassis

Drive Speed 2WD	3.5 mph (5.6 kmph)
Drive Speed 4WD	4.5 mph (7.2 kmph)
Gradeability 2WD	30%
Gradeability 4WD	45%
Tires	33/1550 x 16.5 Superwide
Axle Oscillation	5.5 in. (13.97 cm)
Turning Radius (Inside/Outside)	6 ft 7 in./16 ft 5 in. (2.0 m/5.0 m)

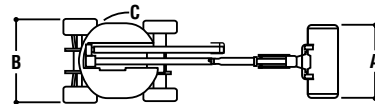
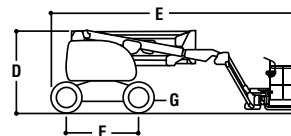
Power Source

Dual Fuel Engine	
GM Vortec 3000 MPFI	82 hp (61 kW)
Diesel Engine	
Deutz D2011L03	49 hp (36.4 kW)
Fuel Tank Capacity	16.5 gal. (62.5 L)
Hydraulic Reservoir	27 gal. (102.2 L)
Auxiliary Power	12V DC

450A



450AJ



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.



JLG Industries, Inc.

1 JLG Drive
McConnellsburg, PA 17233-9533
Telephone 717-485-5161

Toll-free in US 877-JLG-LIFT

Fax 717-485-6417

www.jlg.com

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