

EC450AJ

ARTICULATING BOOM LIFT

BOOM LIFT

JLG

Performance

Platform Height	13.72m
Working Height	15.72 m
Horizontal Outreach	7.62 m
Up and Over Height	7.3 m
Weight	6,495 kg
Swing	355 Degrees Non-Continuous
Platform Capacity	250 kg
Platform Size	0.76 x 1.83 m
Platform Rotator	180 Degrees Hydraulic
Jib	1.24 m
Range of Articulation	145 degrees (+76, -69)
Drive Speed	5 km/hr
Gradeability 4WD	45%
Maximum Ground Bearing Pressure	4.0 kg/cm ²
Turning Radius	
Inside	2.06 m
Outside	4.78 m

* Certain options or country standards will increase weight

Standard Specifications

Power Source

Electrical System	12V-DC
Batteries	200 Ah Lithium Batteries including BMS
Drive Motors	4 x AC Motors

Tyres

- Tyre Size/Type (Non-Marking) Non Mark FF 315/55 D20 Tyres

Hydraulic System

- Capacity 30 L

Standard Features

- Multiple function operation
- Full proportional drive joystick control with integral thumb steer switch
- Full proportional main boom and swing joystick control
- Multiple speed control for lower boom, telescope and platform rotate
- Selectable creep speed on drive / lift and swing functions
- 1.24 m articulating jib
- 180 degree powered platform rotator
- Platform console machine status light panel
- Load sensing system
- AC power cable to platform
- 5 Degree Tilt Alarm/Indicator Light
- Dura Tough gull-wing turntable hood
- 12V DC auxiliary power
- Hourmeter
- Interactive Display at Ground Controls
- Control ADE® (Advanced Design Electronics) System
- 4 wheel drive system
- Horn
- Lifting/Tie Down Lugs
- Oscillating Front Axle
- Cast Aluminum Control Box
- All motion alarm
- 355 Degree Non-Continuous Swing
- 3kW Zivan fast charger
- Side entry with self closing, self locking gate
- Ground control selector switch with key lock
- JLG Skyguard Skyline system
- Synthetic Biodegradable Hydraulic Oil
- 48V DC pump motor
- Non Mark FF 315/55 D20 Tyres
- AS/NZS 1418.10 Compliance



Accessories & Options

- 0.76 x 1.22 m Platform
- 1/2 in. Air Line to Platform
- Squawker / White Noise Motion Alarm
- Chassis Illumination Lights
- Platform Worklights
- Hostile Environment Kit
- Special Hydraulic Oils
- Pipe Racks
- Fire Extinguisher
- Platform Tool Tray

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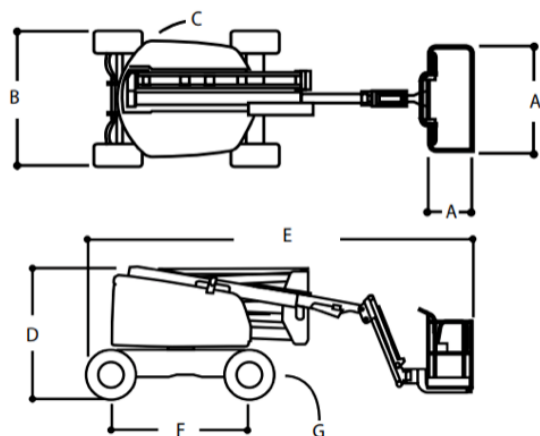
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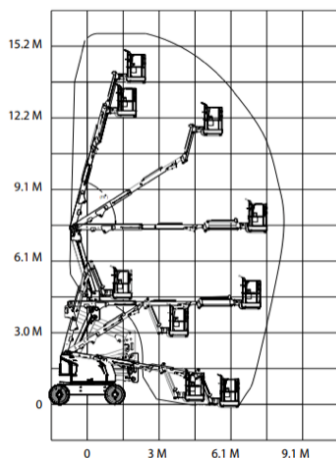
Dimensions

All dimensions are approximate.



A. Platform Size	0.76 m x 1.83 m
B. Overall Width	2.26 m
C. Tailswing (working condition)	Zero
D. Stowed Height	2.27 m
E. Stowed Length	6.58 m
F. Wheelbase	2.36 m
G. Ground Clearance	0.42 m

Reach Diagram



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 AS/NZS 1418.10 2011 as originally manufactured for intended applications.

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