

520AJ

ARTICULATING BOOM LIFT



Performance

Platform Height	16.00 m
Working Height	18.00 m
Horizontal Outreach	10.00 m
Up and Over Height	7.30 m
Weight	7,820 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	6.8 km/hr
Gradeability	45%
Turning Radius	
Inside	2.06 m
Outside	4.78 m

Standard Specifications

Power

Diesel Engine	Duetz D2011LO3 36.4kW
Fuel Tank Capacity	60.5 L
Fuel Consumption	2.5 L/hr average

Hydraulic System

Tank Capacity	136 L
System Capacity	144 L
Auxiliary Power	12V DC

Tyres

Standard	315/55 D20 Foam Filled Non-marking
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Standard Features

- Generator incl. Outlet to Platform and ELCB
- 1.24 m Articulating Jib
- 355 Degree Non-Continuous Swing
- Platform 0.76 x 1.83 m Side Entry Self-Closing, Self-Locking Gate
- 180 Degree Hydraulic Platform Rotator
- Platform Console Machine Status Light Panel*
- 5 Degree Tilt Alarm/Indicator Light
- Flashing Amber Beacon
- Swing-Out Engine Tray
- Gull-Wing Steel Turntable Hoods
- 12V-DC Auxiliary Power
- Hourmeter
- Interactive Display at Ground Controls
- Proportional Controls
- Control ADE® System
- Lifting/Tie Down Lugs
- Horn
- Oscillating Axle
- Cast Aluminum Control Box
- Reduced Time to Full Height
- Motion Alarm

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



Accessories & Options

- 0.76 x 1.25 m Platform
- Mesh to Mid Rail
- 1/2 in. Air Line to Platform
- SkyGuard®
- Squawker / White Noise Motion Alarm
- Chassis Illumination Lights
- Platform Worklights
- Hostile Environment Kit
- Special Hydraulic Oils
- Pipe Rack
- Cable Tray Carrier
- Operator Tool Tray
- Catalytic Exhaust Purifier

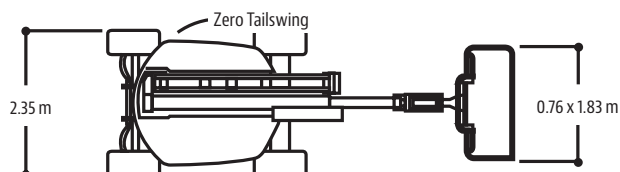
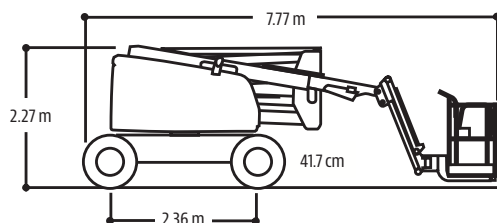
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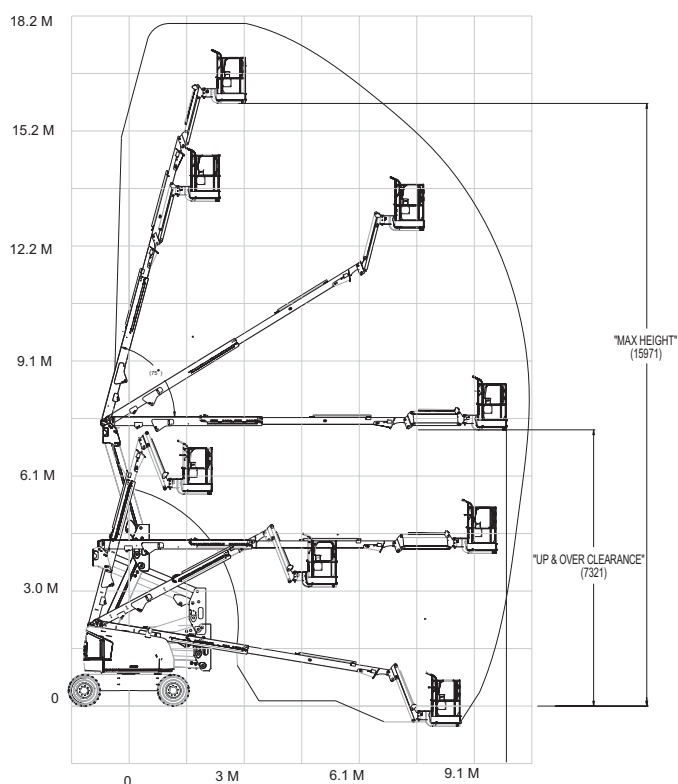


Dimensions

All dimensions are approximate.



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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An Oshkosh Corporation Company

Now operators can experience enhanced control panel protection for JLG® boom lifts with the SkyGuard® aftermarket accessory. Developed after extensive research and testing, the SkyGuard sensor, when activated by approximately 50 lb (23 kg) of force, stops all functions in use at the time.

The reverse functionality is the only feature of its kind in the market. After stopping the machine, it temporarily reverses, or “undoes,” most functions that were in use at the time of activation for less than a second’s worth of time. The control system automatically accesses the functions in use by the operator at the time of SkyGuard activation and—for a small period of time—is able to reverse that sequence, with the exception of certain functions.

Features

- Stops the function in use at the time of activation and sounds the horn
- Flashing strobe is an additional option
- Temporarily reverses* functions that were in use at the time of activation
- Break away feature for extreme conditions

* Reversal possible for most, but not all, functions.

Benefits

- SkyGuard can be activated from a variety of angles and does not reduce the work envelope of the boom lift
- Does not increase the platform profile or limit the use of the platform
- No movable parts means no need for scheduled or additional maintenance
- Resets by cycling foot switch or e-stop



Operator moves towards obstruction.



Horn sounds upon operator contact with the bar.



The auto reverse feature activates for most functions.

Available on these JLG Models:

Most JLG Boom Lifts manufactured after 2004.

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SkyPower®

The JLG SkyPower® system delivers the power you need to conveniently operate other JLG accessories. With the SkyPower system on your machine, you get a 7500W generator with a power cable and an air/water line installed in the power track. Easily add and provide power to other JLG accessories, including SkyWelder®.

Features

- Self-contained AC power to run hand tools
- Side-entry platform provides improved entry and allows for later quick installation of the SkyGlazier® panel tray.
- Integrated power cable and airline allow you to quickly attach or detach a variety of JLG accessories

Save Time and Money

- Eliminate the need to move and reposition the generator, resulting in significant time savings
- Save fuel by using SkyPower in place of a separate ground-based generator
- Eliminate the tracking and delivery costs associated with a separate generator
- Reduce costs associated with power cable damage

