JLG® DIESELBOOM



JLG®

reachingout™

JLG® Dieselboom

REACHING OUT

On the job site, days are measured by productivity. Your productivity. Which means you need equipment that stands up to the day's demands. JLG has what you need so you can put in the most productive day possible. Engine powered boom lifts that take you higher and further.

Whether you're treading on slab or off, JLG® boom and scissor lifts provide superior performance and reliability. Our boom lifts feature larger work envelopes, dual-rated capacities and reach heights that will let you rise to the challenge. And JLG boom lifts have the capacity to accommodate both workers and our exclusive Workstation in the Sky® accessories.

Give your day's productivity a major boost upward.

REACH FURTHER, GO HIGHER



GO FARTHER WITH A WIDER RANGE OF MOTION



When you're working around tricky architecture or smaller spaces where access can be limited, the 450 Series helps you stay on track. With a larger work envelope on jib and non-jib models, you can extend your reach and increase your productivity. The exclusive Control ADE® (Advanced Design Electronics) system improves your performance and serviceability. Our familiar control system, used on other JLG® engine-powered boom lifts, means less time training and more time working.

YOUR COST EFFECTIVE ALTERNATIVE FOR MID-HEIGHT APPLICATIONS

The 340AJ 4WD articulated boom lift offers everything you desire and nothing you don't. Its equipped with reliable JLG® technology ensuring easier maintenance and efficient fleet management. And it has a positive effect on your bottom line due to its versatility in use and durable design.

PUTTING YOU ABOVE YOUR WORK



With up to 18 m of working height and an outreach of 9.48 m, the 510AJ boosts your productivity while getting you in those hard-to-reach areas. Standard four-wheel drive and oscillating axle provide superior terrainability. A work envelope with an articulating jib and 7.67 m of up-and-over height makes tricky corners no problem. The patented JLG® Control ADE® (Advanced Design Electronics) system, helps improve performance.

510AJ ARTICULATING ADVANTAGES

- Standard four-wheel drive and oscillating axle provide superior terrainability.
- JLG® Control ADE® (Advanced Design Electronics) system improves performance.
- Fully proportional drive, telescope and turntable swing.
- Optional Workstation in the Sky® accessories available.
- Platform rotation of 180.°



340AJ
High performance agile machine, combining innovative features with simplicity.



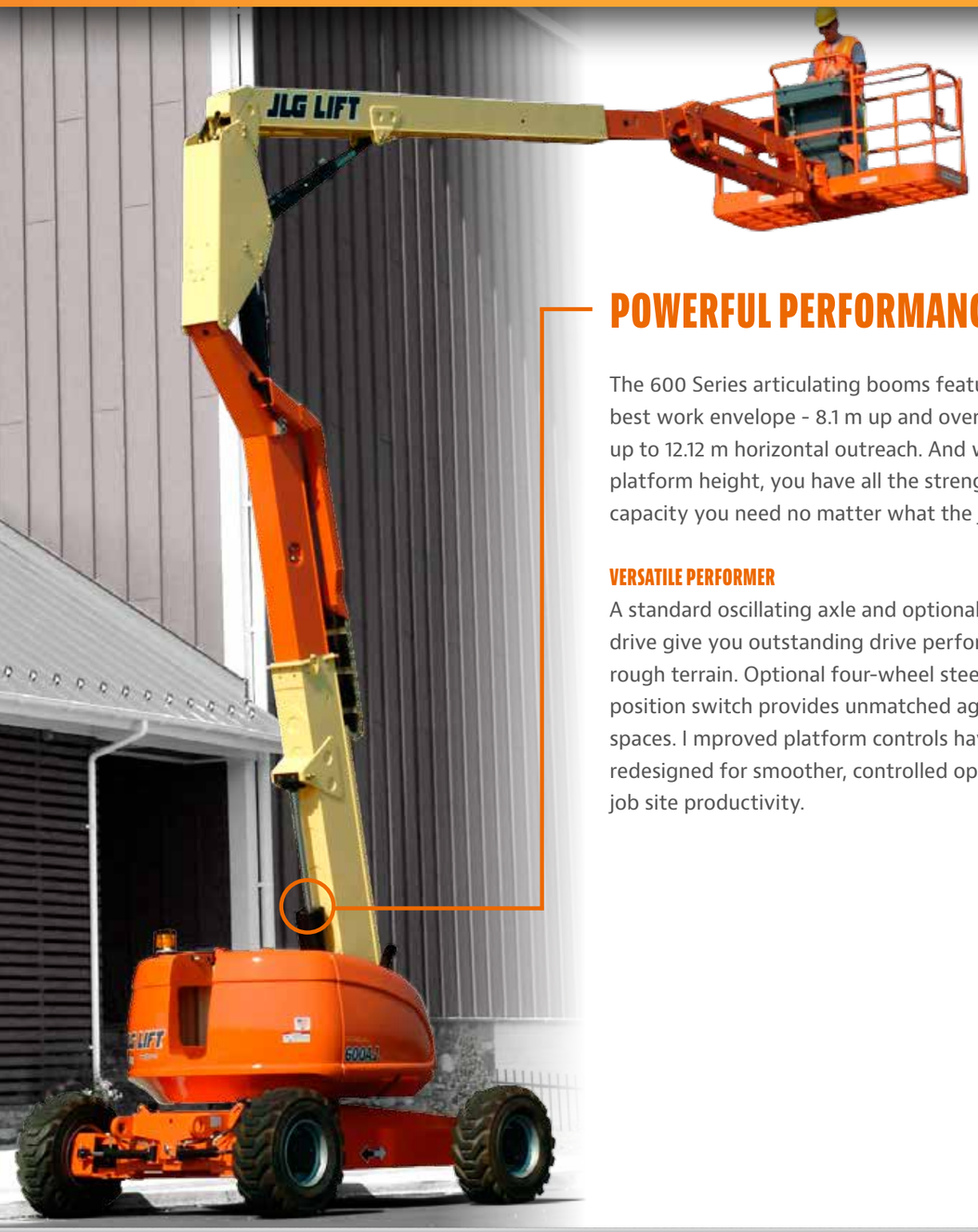
450 Series
Features larger work envelope on both jib and non-jib models. Articulating jib on the 450AJ gets you in and out.



510AJ
Fully proportional drive, telescope and turntable swing. Platform rotation of 180.°



Workstation In The Sky®
Optional Workstation in the Sky® accessories available.



POWERFUL PERFORMANCE

The 600 Series articulating booms feature industry's best work envelope - 8.1 m up and over height and up to 12.12 m horizontal outreach. And with 18.5 m platform height, you have all the strength and reach capacity you need no matter what the job.

VERSATILE PERFORMER

A standard oscillating axle and optional four-wheel drive give you outstanding drive performance on rough terrain. Optional four-wheel steer with three-position switch provides unmatched agility in tight spaces. I mproved platform controls have been redesigned for smoother, controlled operation and job site productivity.

IMPROVED PERFORMANCE FROM THE GROUND UP

You can reach higher and get to your work faster with the 800 Series. Our exclusive QuikStik® boom takes you from the ground to 24.38 m in less than 50 seconds. Whether you're venturing on or off rough terrain, the 800 Series has all the strength and versatility you need.

EXTRA REACH AND IMPROVED PERFORMANCE

With the industry's best reach envelope of 9.75 m up and over height and 15.54 m of outreach, there's no obstacle you can't handle. Be the boss of rough terrain thanks to improved traction from the oscillating axle and 45% gradeability.





Best In Class
Best reach envelope with over 8 m of up and over height and up to 12 m of horizontal outreach.



Perfomance
Optional 2.13 m wide chassis fits in narrow spaces. Outstanding drive performance with standard oscillating axle and optional 4-wheel drive.



Reach
Industry's best reach envelope 9.75 m up and over with 15.54 m horizontal outreach.



Terrain Capabilities
45% gradeability and oscillating axle for improved traction. Lowest weight in its class for enhanced jobsite mobility.



THE FASTEST LIFT AND DRIVE SPEEDS IN THEIR CLASS

Experience a productivity boost with the 400 Series. You can get to work quickly and efficiently with the fastest lift and drive speeds in their class, and up to 1.07 m more reach. Customise your function speeds with the Control ADE® system. Take advantage of the Semi-Track option and meet rough terrain challenges with the floating idler system, for improved traction.

EXTRA REACH AND IMPROVED PERFORMANCE

Customer-preferred controls mean fewer buttons and switches used to position the platform and less time spent learning to use the platform controls. Our exclusive Control ADE® system improves machine maintainability while an engine swing-out tray provides greater serviceability access.

CONQUER HIGHER CHALLENGES AND TOUGHER TERRAIN

With the powerful combination of performance and reliability of the 600 Series, you can conquer all of your worksite challenges. The JLG® 600 Series has industry's largest work envelope for improved access. Mud, sand and rough terrain are no match for the standard oscillating axle and 45% gradeability. Additional features include a versatile articulating jib for a wider range of motion, a swing-out engine tray for easier access for routine maintenance and smoother machine functions.

CRAWL ALL OVER TOUGH JOBS

When you need ultimate terrainability, choose the 600 Crawler Series. A crawler undercarriage, improved manoeuvrability on soft surfaces and zero turning radius get you to places others just can't go.





Flexibility
A 1.83 m articulating jib gives you the added access you need.



All Terrain
Improved rough terrain capabilities with 45% gradeability. Optional four-wheel drive and oscillating axle package available.



Terrainability
The 600 crawler series is equipped with all steel tracks.



Large Workenvelope
Articulating jib provides wider range of motion.



HIGHER REACH CONFIDENT CONTROL

Spend your time getting your work done. Go from the ground to 24 m in less than 67 seconds – that's 40% faster than the competition. These 24 m machines are packed with job-proven performance – up to 22.86 m of horizontal outreach. Its narrow fixed-width chassis gets you in and out of confined spaces while the optional 1.83 m articulating jib gives you the additional access you need.

ADVANCED CONTROLS

With the same set of controls installed on the entire JLG® boom lift family, you'll find that operating your lift is simple. The Advanced Design Electronics (Control ADE®) system provides smoother machine functions, increased fuel efficiency and reduced emissions.

800 SERIES TELESCOPIC ADVANTAGES

- 45% gradeability and oscillating axle for improved traction.
- Narrow fixed width frame allows for faster setup.
- Faster boom speeds.



CONTROL ADE® SYSTEM

JLG's Exclusive Advanced Design Electronics (Control ADE) System helps optimise productivity while lowering your owning and operating costs.

Mounted in the turntable, the Ground Control Console features function symbols to guide you.

CONTROL ADE® SYSTEM FEATURES

- **Commonality of Components** – The Control ADE System is standard across all JLG engine powered boom models.
- **Higher Productivity** – Provides smoother machine functions, increased fuel efficiency and reduced emissions
- **Enhanced Reliability** – Significantly reduces the number of wires and connections.
- **Improved Serviceability** – The self-test capability reduces troubleshooting time and identifies potential problems.
- **Enchanced Performance** – Allows function speeds and options to be customized to meet customer preferences.



Traction
45% gradeability and oscillating axle for improved traction.



Efficiency
Narrow fixed width frame allows for faster setup.
Faster boom speeds.



Lift/Swing
Multiple use of control – lift and swing can be operated simultaneously.



Drive Control
Ease of drive operation – joystick with integrated thumb steer.

WORKSTATION IN THE SKY® ACCESSORIES

Turn your engine-powered aerial work platform into an integrated work tool with Workstation in the Sky® accessories. These packages are designed to increase your productivity, conserve platform space and improve working conditions. Incorporate freestanding tools into your machine for greater access and less job site congestion. Experience less noise, emissions and fuel consumption by utilising a single power source.



SKYPOWER® PACKAGE

Machines with the SkyPower system are equipped with a self-contained 7500W continuous output generator with a power cable, and an air/water line installed in the powertrack. In addition, it provides self-contained 110V-AC, 220V-AC and 3-phase power to run other accessories and hand tools.



SKYWELDER® PACKAGE

With a 280 amp Miller® CST 280 welder tucked into the SkyPower platform, space is conserved while providing stick and TIG capability. The SkyWelder package eliminates potentially dangerous leads hanging over the rails and the unnecessary cost of a stand-alone welder and power supply.

JLG® Boom lift
ACCESSORIES

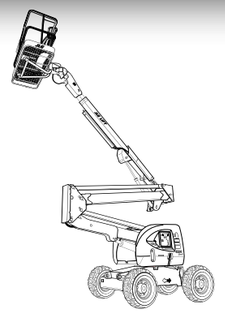


HOSTILE ENVIRONMENT PACKAGE

Dust, sand, and debris can create damage on your equipment. Protect your JLG lift and extend its life with the Hostile Environment Kit, which includes boom wipers, cylinder bellows and console cover.

NITE BRIGHT® PACKAGE

This package consists of 40-watt lights to illuminate your work site and the area around the chassis for increased visibility. It is perfect for tunnel or mine applications, nighttime work or any job with low lighting levels.



MAIN FEATURES

- Oscillating Axle
- 2-Wheel Drive or 4-Wheel Drive
- Control ADE® System
- Operator Tool Tray
- Easy Access Swing-out Engine Tray

	340AJ	450A	450AJ	510AJ
450 Series II and Model 340AJ Articulating Boom Lifts				
Platform Height	10.31 m	13.72 m	13.72 m	15.81 m
Platform Capacity – Unrestricted	230 kg	230 kg	230 kg	230 kg
Horizontal Outreach	6.06 m	7.47 m	7.47 m	9.48 m
Up and Over Height	5.17 m	7.67 m	7.67 m	7.67 m
Overall Width	1.93 m	2.34 m	2.34 m	2.34 m
Weight	4,400 kg	5,900 kg	6,250 kg	7,650 kg
Diesel Engine	Kubota D1105 18.5 kW	Deutz D2011L03 36.4 kW	Deutz D2011L03 36.4 kW	Deutz D2011L03 36.4 kW
Available Options				
SkyPower®	-	·	·	·
SkyWelder®	-	·	·	·
Light Package	·	·	·	·

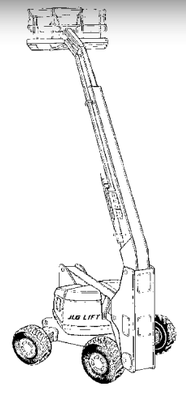
	600A	600A Narrow	600AJ	600AJ Narrow
600 Series Articulating Boom Lifts				
Platform Height	18.42 m	18.42 m	18.46 m	18.46 m
Platform Capacity – Unrestricted	230 kg	230 kg	230 kg	230 kg
Horizontal Outreach	12.07 m	12.07 m	12.10 m	12.10 m
Up and Over Height	8.1 m	8.1 m	8.1 m	8.1 m
Overall Width	2.45 m	2.13 m	2.45 m	2.13 m
Weight	10,330 kg	10,840 kg	10,830 kg	11.000 kg
Diesel Engine	Deutz D2011L03 36.4 kW	Deutz D2011L03 36.4 kW	Deutz D2011L03 36.4 kW	Deutz D2011L03 36.4 kW
Available Options				
SkyPower®	·	·	·	·
SkyWelder®	·	·	·	·
Soft Touch Proximity System	·	·	·	·



MAIN FEATURES

- Choice of Chassis Width Available
- 2-Wheel Drive or 4-Wheel Drive
- Oscillating Axle
- Control ADE® System
- Operator Tool Tray
- Easy Access Swing-out Engine Tray

· Available - Not available



MAIN FEATURES

- Industry's Best Reach Envelope in its Class
- Exclusive QuikStik® Boom
- Oscillating Axle and 4-Wheel Drive

	800A	800AJ
800 Series Articulating Boom Lifts		
Platform Height	24.38 m	24.46 m
Platform Capacity (Unrestricted)	227 kg	227 kg
Horizontal Outreach	16.15 m	15.8 m
Up and Over Height	9.78 m	9.78 m
Overall Width	2.43 m	2.43 m
Weight	15,600 kg	15,600 kg
Diesel Engine	Deutz D2011L04 46 kW	Deutz D2011L04 46 kW
Available Options		
Non-Mark Foam-Filled IN 385/65D 19.5 Tyres	·	·
0.91 x 1.83 m Low Mount Platform	·	·
Hostile Environment Package	·	·

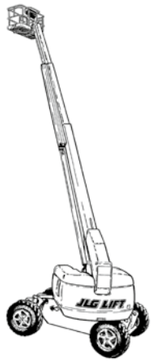
	400S	460SJ
400 Series Telescopic Boom Lifts		
Platform Height	12.29 m	14.02 m
Platform Capacity – Unrestricted	230 kg	230 kg
Horizontal Outreach	10.39 m	12.34 m
Overall Width (Axles Retracted)	2.30 m	2.30 m
Weight	6,200 kg	7,850 kg
Diesel Engine	Deutz D2011L03 36.4 kW	Deutz D2011L03 36.4 kW
Available Options		
2500 Watt Generator	·	·
0.91 x 2.44 m Low Mount Platform	·	·
Hostile Environment Package	·	·
SkyPower®	·	·
SkyWelder®	·	·
Light Package – Includes head and tail lights and platform worklights	·	·



MAIN FEATURES

- 90% Faster Boom Speed
- 100% More Platform Capacity
- 29% Faster Drive Speeds
- Oscillating Axle
- Operator Tool Tray

· Available - Not available

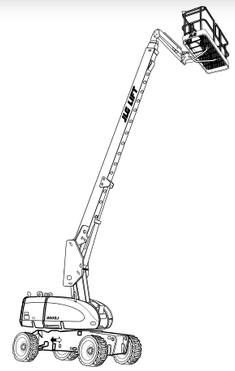


MAIN FEATURES

- Oscillating Axle
- Control ADE® System
- Operator Tool Tray

	600S	660SJ	600SC	660SJC
600 Series Telescopic Boom Lifts				
Platform Height	18.36 m	20.31 m	18.36 m	20.32 m
Platform Capacity – Unrestricted	230 kg	230 kg	230 kg	230 kg
Horizontal Outreach	15.09 m	17.30 m	15.09 m	17.30 m
Overall Width	2.49 m	2.49 m	2.49 m	2.49 m
Weight	10,800 kg	13,150 kg	10,230 kg	12,300 kg
Diesel Engine	Deutz D2011L03 36.4 kW	Deutz D2011L03 36.4 kW	Deutz D2011L04 46 kW	Deutz D2011L04 46 kW
Available Options				
2500W Generator	·	·	·	·
0.91 x 2.44 m Platform	·	·	·	·
Flashing Amber Beacon	·	·	·	·
Hostile Environment Package	·	·	·	·

	800S	860SJ
800 Series Telescopic Boom Lifts		
Platform Height	24.38 m	26.21 m
Platform Capacity – Unrestricted	230 kg	230 kg
Horizontal Outreach	21.64 m	22.86 m
Overall Width	2.49 m	2.49 m
Weight	15,800 kg	17,200 kg
Diesel Engine	Deutz D2011L04 46 kW	Deutz D2011L04 46 kW
Available Options		
Light Package – Includes head and tail lights and platform worklights	·	·
Tow Package	·	·
0.91 x 1.83 m Low Mount Platform	·	·
Hostile Environment Package	·	·



MAIN FEATURES

- Narrow Fixed Width – Low GVW
- Control ADE® System
- Operator Tool Tray

· Available - Not available

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JLG Industries, Inc. is a leading designer and manufacturer of access equipment and complementary services and attachments.

JLG has manufacturing facilities in the United States, France, Romania, China and Belgium. Customers throughout Europe, Africa and the Middle East benefit from a network of dedicated sales and service operations designed to deliver the highest levels of support.

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