



JLG® ULTRABOOM

JLG[®]
reachingout.™

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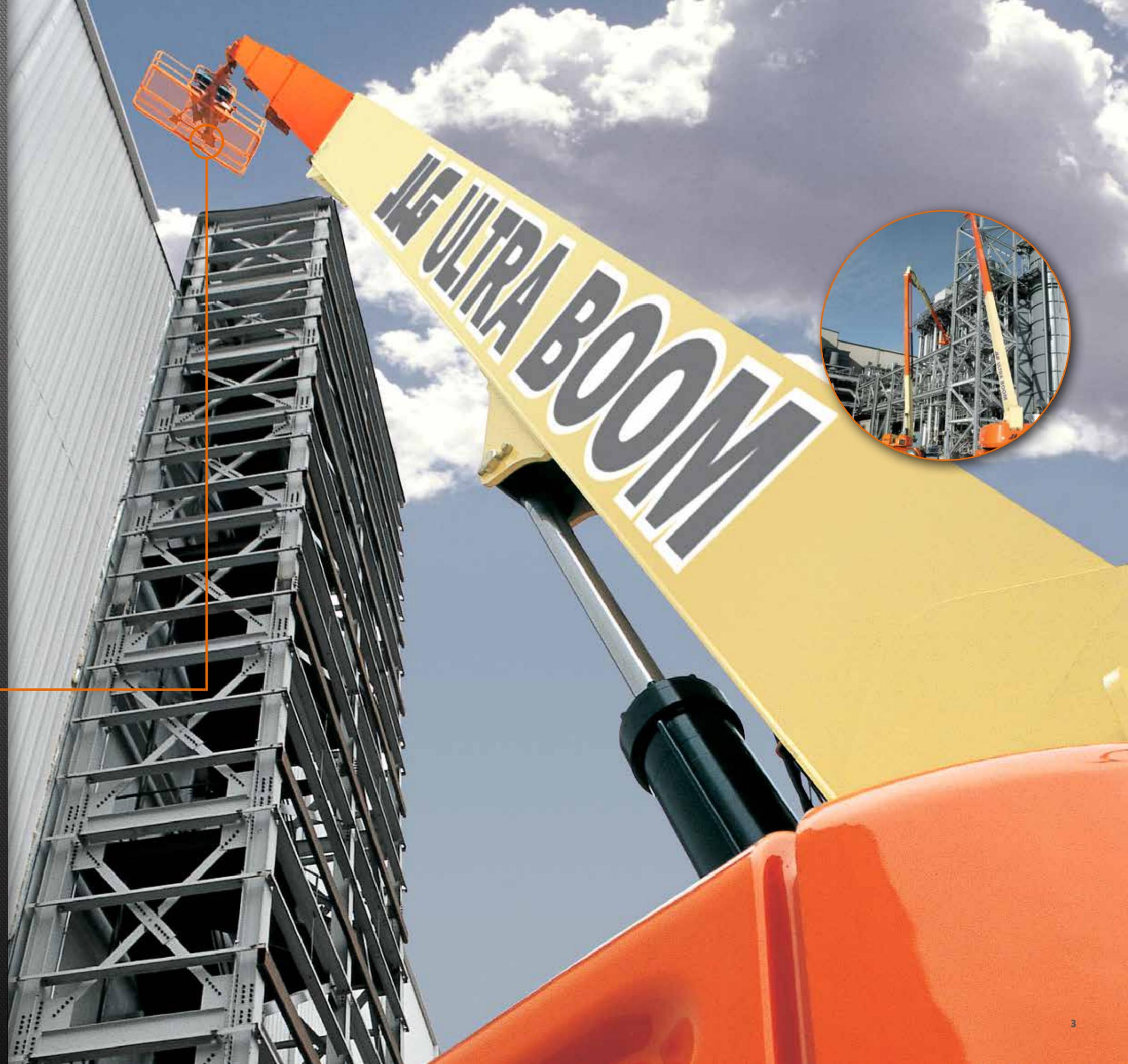
REACHING OUT

Steel mills and chemical plants, airports, convention centers, shipyards and heavy construction. JLG® Ultra Series boom lifts are designed for rugged job sites that demand you work higher and reach further. With four decades of experience, JLG knows the territory. You need the power, reliability and versatility to get you up in the air.

JLG Ultra Series boom lifts are made from high quality steel, and they'll lift up to 450 kgs.

When you're working ten stories high, you want a machine that gives you both the confidence and the reliability to do your work; that's built to perform and that's designed to meet any challenge – that's the JLG Ultra Series.

PERFORMANCE UNLEASHED





THE ULTIMATE IN HEIGHT, REACH AND POWER

When your job demands both height and reach, enlist Model 1250AJP. With over 18 m of up and over height and 19 m of outreach, the 1250AJP is ideal for applications that require high-reach versatility.

The exclusive QuikStik® boom design provides faster cycle speeds – 115 seconds from ground to elevation – so you can get work done quickly and efficiently.

JLG Ultra Series boom lifts come with the only oscillating axle in their boom class, giving you surprising mobility in an ultra-sized package.



QuikStik® Advantage

Go from full platform elevation to the ground in 115 seconds.



Mobility

Go where others can't, thanks to the tight turning radius, three steering modes and the only oscillating axle in its class.



Manoeuvrability

Optimum manoeuvrability with 4-wheel steer.



Capacity

Dual capacity for more workers, tools or materials.

TAKING PRODUCTIVITY TO GREATER HEIGHTS

When you're facing tall challenges, you want a solid machine that goes above and beyond the day's demands. The rugged boom gives you the confidence and support you need to handle 450 kgs capacity.

The exclusive controlled arc regulates speeds at the edges of the work envelope so that you feel the same velocity in all positions for enhanced comfort.

ULTRA SERIES TELESCOPIC ADVANTAGES

- Full-time four-wheel drive gets you over rough terrain.
- Optional SkyPower® a 7,500 watts on-board generator.
- Envelope tracking system regulates speeds at work envelope edges to enhance your comfort.
- JibPLUS® boom allows the platform to reach around corners.*

* Capacity restricted to 230 kg when the jib is in side-swing mode. JibPLUS for transport only for 1500SJ.



**EXTEND YOUR
REACH WITH THE
1500SJ**

The Model 1500SJ is the largest self-propelled telescopic boom available from JLG – the first straight boom lift that takes you to 45 m without an oversized load permit.

The 1500SJ features a telescoping jib for greater work envelope flexibility and additional outreach at elevation.



Conquer Rough Terrain with the tightest turning radius, best crab steer ratio and only oscillating axle in its class, you can go where other boom lifts simply can't.



INTRODUCING THE WORLD'S TALLEST SELF- PROPELLED BOOM LIFT

The new 1850SJ has more reach, better stability and a larger work envelope than any lift in its class. Get up to 19 stories of working height and an innovative chassis that can be extended front and back. Featuring 450 kg / 230 kg platform capacity, the 1850SJ is the most powerful boom in the industry.



CONTROL ADE® SYSTEM

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

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.
- Enhanced Performance – Allows function speeds and options to be customized to meet customer preferences.



More Capacity

With a dual 450/230 kg capacity, the platform can handle more workers, tools or materials.



Ground Control Console

Mounted in the turntable, the ground control console features function symbols to guide you.



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

Transform your Ultra Series boom lift into a versatile, productivity-enhancing machine with exclusive Workstation in the Sky® products.

Our accessories are built to conserve platform space, improve working conditions and turn your lift into one giant work tool.

SKYPOWER® PACKAGE

- The SkyPower system includes a self-contained 7500W continuous output generator with a power cable, and an air/water line installed in the power track.

SKYWELDER® PACKAGE

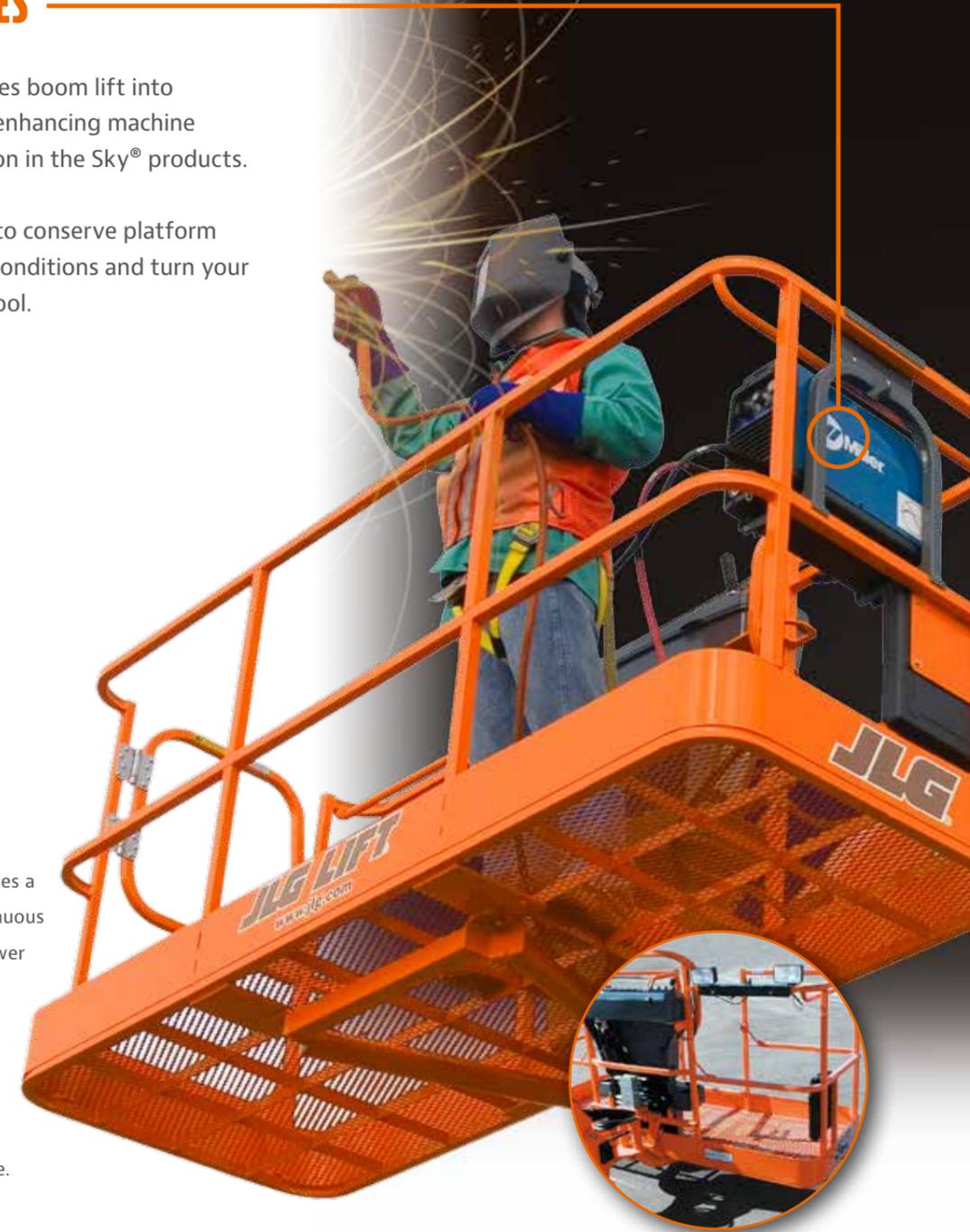
- Available when integrated with the SkyPower® package.

SKYGLAZIER® PACKAGE

- The first and only factory-approved glass and panel tray. Panels are protected from damage and productivity is improved while operator fatigue is reduced. And, with JLG 450 kg capacity, the basket can hold multiple workers and larger glass panels.

NITE BRIGHT® PACKAGE

- This package consists of 40-watt lights to illuminate your work site plus 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.



STANDARD FEATURES

- Platform: 0.91 x 2.44 m Side Entry
- 2.44 m JibPLUS® Boom
- Selectable Capacity Envelope
- 180° Hydraulic Platform Rotator
- AC Receptacle to the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Swing-Out Engine Tray
- 12V DC Auxiliary Power
- Hourmeter
- Control ADE® System
- Full-time 4WD
- 3 Selectable Steering Modes
- Drive-out Extendible Axles
- Oscillating Axle
- Proportional Controls
- Gull-Wing Hoods
- Operator Tool Tray
- 445/50D710 Foam Filled Lug Tread Tyres
- Lifting/Tie Down Lugs

AVAILABLE OPTIONS

- Platform: 0.91 x 1.83 m Side Entry
- Light Package¹
- Flashing Beacon
- Soft-Touch System Platform
1.83 m/2.44 m
- Hostile Environment Package²
- 1. Includes platform mounted work lights and drive/backup lights .
- 2. Includes console cover, boom wipers and cylinder bellows.

ACCESSORY PACKAGES

- SkyWelder®
- SkyPower™
- SkyGlazier®
- Nite Bright®

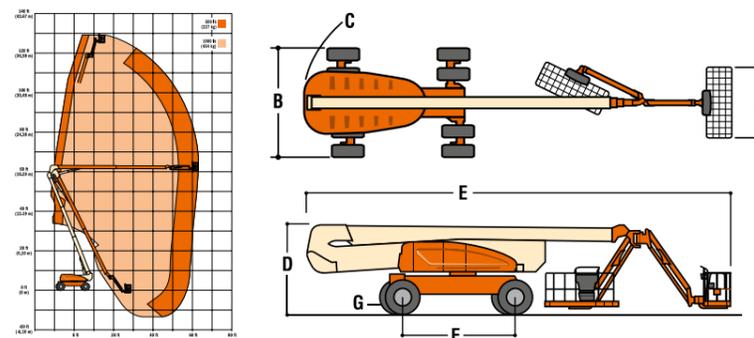
		1250AJP
Ultra Series Articulating Boom Lifts		
Reach Specifications		
Platform Height		38.30 m
Horizontal Reach		19.25 m
Up and Over Height		18.44 m
Swing		360° Continuous
Platform Capacity – Restricted		450 kg
Platform Capacity – Unrestricted		230 kg
Platform Rotator		180°
JibPLUS®	Length	2.44 m
	Horizontal Motion ¹	125°
	Vertical Motion	130° (+75/-55)

		1250AJP
Dimensional Data		
A. Platform Size		0.91 x 2.44 m
B. Overall Width	Axles Retracted	2.49 m
Overall Width	Axles Extended	3.81 m
C. Tailswing		91 cm
D. Stowed Height		3.05 m
E. Overall Length	Jib Stowed	11.46 m
Overall Length	Jib Deployed	14.48 m
F. Wheel Base		3.81 m
Ground Clearance		0.3 m
Weight ²		21,000 kg

		1250AJP
Chassis		
Max Ground Bearing Pressure*		7.03 kg/cm ²
Drive Speed		5.2 km/h
Gradeability		45%
Turning Radius (Inside)	Axles Retracted	4.39 m
	Axles Extended	2.44 m
Turning Radius (Outside)	Axles Retracted	6.86 m
	Axles Extended	5.89 m
Crab Steer Ratio ³		1:1
Axle Oscillation		30 cm
Tyres/Type		445/50D710 Foam Filled

		1250AJP
Power Source		
Diesel Engine	Deutz TD2011L4	55.9 kW
Fuel Tank Capacity		117 L
Hydraulic System		390 L
Auxiliary Power		12V DC

* Ground bearing pressure applies to standard tyres.
 1. Capacity is limited to 230 kg when JibPLUS is extended horizontally.
 2. Certain options or country standards increase weight.
 3. Ratio of forward travel to lateral travel.



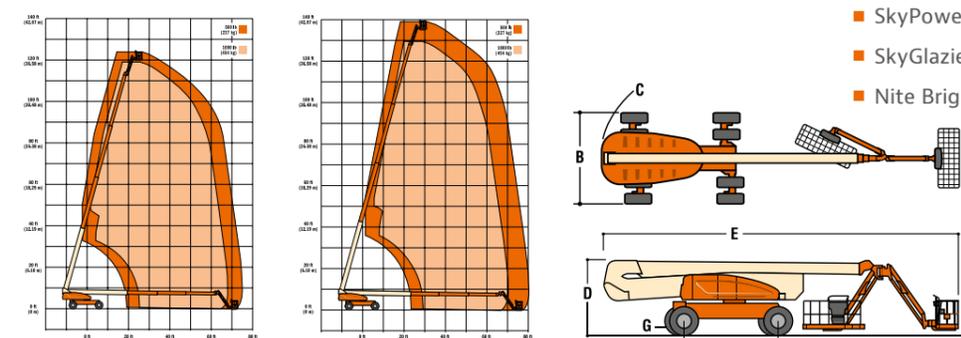
		1200SJP	1350SJP
Ultra Series Telescopic Boom Lifts			
Reach Specifications			
Platform Height		36.73 m	41.30 m
Horizontal Reach		22.86 m	24.38 m
Swing		360° Continuous	360° Continuous
Platform Capacity – Restricted		450 kg	450 kg
Platform Capacity – Unrestricted		230 kg	230 kg
Platform Rotator		180°	180°
JibPLUS®	Length	2.44 m	2.44 m
	Horizontal Motion ¹	180°	180°
	Vertical Motion	130° (+75/-55)	130° (+75/-55)

		1200SJP	1350SJP
Dimensional Data			
A. Platform Size		0.91 x 2.44 m	0.91 x 2.44 m
B. Overall Width	Axles Retracted	2.49 m	2.49 m
Overall Width	Axles Extended	3.81 m	3.81 m
C. Tailswing		1.68 m	1.68 m
D. Stowed Height		3.05 m	3.05 m
E. Overall Length (Transport)		10.64 m	11.86 m
Overall Length (Stowed)		13.67 m	14.89 m
F. Wheel Base		3.81 m	3.81 m
Ground Clearance		30 cm	0.3 m
		65 cm	
Weight ²		18,500 kg	20,400 kg

		1200SJP	1350SJP
Chassis			
Max Ground Bearing Pressure*		7.03 kg/cm ²	7.52 kg/cm ²
Drive Speed		5.2 km/h	5.2 km/h
Gradeability		45%	45%
Turning Radius (Inside)	Axles Retracted	4.39 m	4.39 m
	Axles Extended	2.44 m	2.44 m
Turning Radius (Outside)	Axles Retracted	6.86 m	6.86 m
	Axles Extended	5.89 m	5.89 m
Crab Steer Ratio ³		1:1	1:1
Axle Oscillation		30 cm	30 cm
Tyres/Type		445/50D710 Foam Filled	445/50D710 Foam Filled

		1200SJP	1350SJP
Power Source			
Diesel Engine	Deutz TD2011L4	55.9 kW	55.9 kW
Fuel Tank Capacity		117 L	117 L
Hydraulic System		250 L	250 L
Auxiliary Power		12V DC	12V DC

* Ground bearing pressure applies to standard tyres.
 1. Capacity is limited to 230 kg when JibPLUS is extended horizontally.
 2. Certain options or country standards increase weight.
 3. Ratio of forward travel to lateral travel.



STANDARD FEATURES

- Platform: 0.91 x 2.44 m Side Entry
- 2.44 m JibPLUS® Boom
- Selectable Capacity Envelope
- 180° Hydraulic Platform Rotator
- AC Receptacle to the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Swing-Out Engine Tray
- 12V DC Auxiliary Power
- Hourmeter
- Control ADE® System
- Full-time 4WD
- 3 Selectable Steering Modes
- Drive-out Extendible Axles
- Oscillating Axle
- Proportional Controls
- Gull-Wing Hoods
- Operator Tool Tray
- 445/50D710 Foam Filled Lug Tread Tyres
- Lifting/Tie Down Lugs

AVAILABLE OPTIONS

- Platform: 0.91 x 1.83 m Side Entry
- Light Package¹
- Flashing Beacon
- Soft-Touch System Platform
1.83 m/2.44 m
- Hostile Environment Package²
- 1. Includes platform mounted work lights and drive/backup lights.
- 2. Includes console cover, boom wipers and cylinder bellows.

ACCESSORY PACKAGES

- SkyWelder®
- SkyPower™
- SkyGlazier®
- Nite Bright®

STANDARD FEATURES

- Platform: 0.91 x 2.44 m Side Entry
- 2.44 m Telescopic Jib
- Selectable Capacity Envelope
- 180° Hydraulic Platform Rotator
- AC Receptacle to the Platform
- 4 Degree Tilt Alarm/Indicator Light
- Swing-Out Engine Tray
- 12V DC Auxiliary Power
- Hourmeter
- Control ADE® System
- Full-time 4WD
- 3 Selectable Steering Modes
- Drive-out Extendible Axles
- Oscillating Axle
- Proportional Controls
- Gull-Wing Hoods
- Operator Tool Tray
- 445/50D710 Foam Filled Lug Tread Tyres
- Lifting/Tie Down Lugs

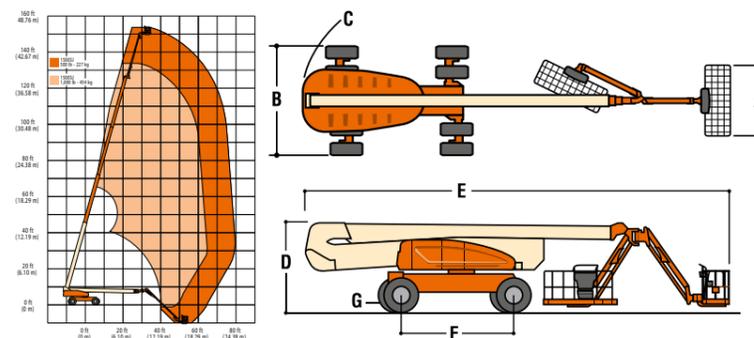
AVAILABLE OPTIONS

- Platform: 0.91 x 1.83 m Side Entry
- Light Package¹
- Flashing Beacon
- Soft-Touch System Platform
- 1.83 m/2.44 m
- Hostile Environment Package²
- 1. Includes platform mounted work lights and drive/backup lights.
- 2. Includes console cover, boom wipers and cylinder bellows.

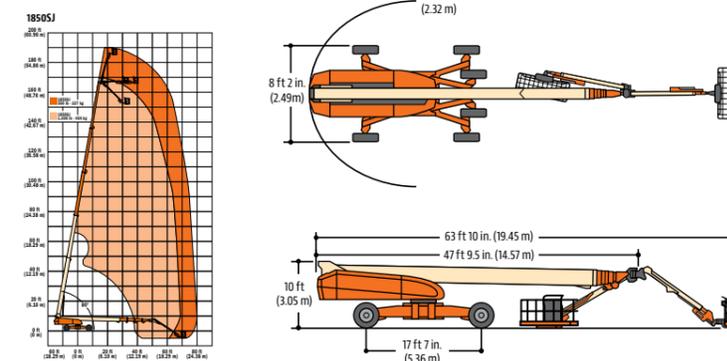
ACCESSORY PACKAGES

- SkyWelder®
- SkyPower™
- SkyGlazier®
- Nite Bright®

		1500SJ
Ultra Series Telescopic Boom Lifts		
Reach Specifications		
Platform Height		45.72 m
Horizontal Reach		24.38 m
Swing		360° Continuous
Platform Capacity – Restricted		450 kg
Platform Capacity – Unrestricted		230 kg
Platform Rotator		180°
Jib - Telescope	Retracted	4.62 m
	Extended	7.62 m
	Vertical Motion	120° (+75/-45)
Dimensional Data		
A. Platform Size		0.91 x 2.44 m
B. Overall Width	Axles Retracted	2.49 m
Overall Width	Axles Extended	3.81 m
C. Tailswing		1.68 m
D. Stowed Height		3.05 m
E. Overall Length (Transport)		13.11 m
Overall Length (Stowed)		18.82 m
F. Wheel Base		3.81 m
Ground Clearance		30 cm
Weight ²		22,000 kg
Chassis		
Max Ground Bearing Pressure*		7.95 kg/cm ²
Drive Speed		4.8 km/h
Gradeability		40%
Turning Radius (Inside)	Axles Retracted	4.39 m
	Axles Extended	2.44 m
Turning Radius (Outside)	Axles Retracted	6.86 m
	Axles Extended	5.89 m
Crab Steer Ratio ³		1:1
Axle Oscillation		30 cm
Tyres/Type		445/50D710 Foam Filled
Power Source		
Diesel Engine	Deutz TD2011L04	755.9 kW
Fuel Tank Capacity		117 L
Hydraulic System		250 L
Auxiliary Power		12V DC
* Ground bearing pressure applies to standard tyres.		
1. Capacity is limited to 230 kg when Jib is extended.		
2. Certain options or country standards increase weight.		
3. Ratio of forward travel to lateral travel.		



		1850SJ
Ultra Series Telescopic Boom Lifts		
Reach Specifications		
Platform Height		56.56 m
Horizontal Reach		24.38 m
Swing		360° Continuous
Platform Capacity – Restricted		454 kg
Platform Capacity – Unrestricted		227 kg
Platform Rotator		173° Hydraulic
JibPLUS®	Retracted	3.96 m
	Extended	6.1 m
	Vertical Motion	120° (+75, -45)
Dimensional Data		
A. Platform Size		0.91 x 2.44 m
B. Overall Width	Axles Retracted	2.49 m
Overall Width	Axles Extended	5.04 m
C. Tailswing		2.32 m
D. Stowed Height		3.05 m
E. Overall Length (Transport)		14.57 m
Overall Length (Stowed)		19.45 m
F. Wheel Base		5.36 m
Ground Clearance		41.2 cm
Weight ²		27,352 kg
Chassis		
Max Ground Bearing Pressure*		8.41 kg/cm ²
Drive Speed		4.5 km/h
Gradeability		40%
Turning Radius (Inside)	Axles Retracted	7.12 m
	Axles Extended	2.3 m
Turning Radius (Outside)	Axles Retracted	9.52 m
	Axles Extended	6.6 m
Crab Steer Ratio ³		1:1
Axle Oscillation		30 cm
Tyres/Type		445/50D710 Foam Filled
Power Source		
Diesel Engine	Deutz Deutz TD 3.6L	74.4 kW
Fuel Tank Capacity		200 L
Hydraulic System		284.2 L
Auxiliary Power		12V DC
* Ground bearing pressure applies to standard tyres.		
1. Includes platform mounted worklights and drive/backup lights.		
2. Includes battery heater and oil tank heater.		
3. Includes console cover, boom wipers and cylinder bellows.		
4. Includes extreme cold engine oil, fuel conditioner, engine block heater, battery blanket, glow plugs, hydraulic tank heater, and oversized footswitch. Arctic hydraulic oil priced separately.		



STANDARD FEATURES

- Platform 36 x 96 in. (0.91 x 2.44 m)
- Side Entry
- Selectable Capacity Envelope
- Drive-Out Extendable Axles
- 180° Hydraulic Platform Rotator
- AC Receptacle in Platform
- Tilt Light and Alarm
- Swing-Out Engine Tray
- 12V-DC Auxiliary Power
- Hourmeter
- Control ADE® System
- Full-Time 4WD
- 3 Selectable Steering Modes
- Proportional Controls
- Gull-Wing Steel Hoods
- 445/50D710 Foam-Filled Rim Protector
- Lug Tread Tyres
- Platform Console Machine Status
- Light Panel*
- Lifting/Tie Down Lugs
- Engine Distress Warning/Shutdown
- Selectable via JLG Analyzer
- All Motion Alarm
- Glow Plugs
- LCD Panel at Operator's Platform
- Control Console

AVAILABLE OPTIONS

- 36 x 72 in. (0.91 x 1.83 m) Platform
- Inward Self-Closing Swing Gate
- Fall Arrest Platform 36 x 96 in.
- (0.91 x 2.44 m) Rear Entry
- Mesh to Top Rail-Bolt-on Aluminum 6 ft
- Mesh to Top Rail-Bolt-on Aluminum 8 ft
- Light Package¹
- Soft Touch System
- Cold Weather Start Kit²
- Hostile Environment Kit³
- Flashing Amber Beacon
- Cold Package Plus⁴
- 52.8 gal. (200 L) Fuel Tank
- Tool Tray
- Special Hydraulic Oils

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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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