



# JLG<sup>®</sup> Ultra Series. Performance Unleashed.

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 farther. With four decades of experience, JLG knows the territory. You need the power, reliability and versatility to do the impossible every day. And, come back and do it again tomorrow. JLG Ultra Series boom lifts get you there. They're built from 100,000 psi steel—40% stronger than the competition, and they'll lift up to 1,000 pounds, making them the most powerful booms in the industry.

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



# Ultra Series

## ARTICULATING BOOM LIFTS

#### **Unmatched Range of Motion**

With up and over height of 60 ft 6 in. (18.44 m) and 63 ft 2 in. (19.25 m) of horizontal outreach, the 1250AJP gets you where you need to work.

# **QuikStik® Advantage** Go from full platform elevation to the ground

# elevation to the groun in 115 seconds.

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

#### Model 1250AJP Advantages

- Optimum maneuverability with 4-wheel steer.
- Automatic platform leveling provides operator comfort at 125 ft.
- Dual capacity for more workers, tools or materials.
- Workstation in the Sky<sup>®</sup> accessories provide ultimate versatility.

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# The Ultimate in Height, Reach and Power.

When your job demands both height and reach, enlist Model 1250AJP. With over 60 ft of up and over height and 63 ft 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.

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# Taking Productivity to Greater Heights.

Dominate the job site with the JLG Ultra Series. 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 1,000 lb 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.



# **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.

#### Ultra Series Telescopic ADVANTAGES

- Full-time four-wheel drive gets you over rough terrain.
- SkyPower,<sup>®</sup> 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 500 lb (227 kg) when the jib is in side-swing mode. JibPLUS for transport only for 1500SJ.

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# 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 150 ft without an oversized load permit (over weight permit is required for highway transportation.) The 1500SJ features a telescoping jib for greater work envelope flexibility and additional outreach at elevation.



# **Ultra Series** TELESCOPIC BOOM LIFTS



**More Capacity** With a dual 1,000/500 lb capacity, the platform can handle more workers, tools or materials.

Larger Work Envelope

With more outreach above 50 ft, you have more access and flexibility.



# Ultra Series FEATURES



**MARCHIN** 

# **Oscillating Axle**

Standard on all Ultra Booms, oscillating axle and full-time four-wheel drive provide superior traction.

# **Ultra Series** ACCESSORIES

# Workstation in the Sky® Accessories.

Transform your Ultra Series boom lift into a versatile, productivity-enhancing machine with exclusive Workstation in the Sky<sup>®</sup> 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. In addition, it provides self-contained 110V AC, 220V AC, and 3-phase power to run hand tools and other JLG Workstation in the Sky® accessories.

# SkyWelder® Package

With a Miller<sup>®</sup> CST–280 welder tucked into the SkyPower boom platform, space is conserved while providing stick and TIG capability.

# SkyCutter® Package

Eliminating the danger of draping tanks and hoses, SkyCutter cuts faster and cleaner with an on-board Miller<sup>®</sup> Spectrum 375 Cutmate plasma cutter.

# 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 1,000 lb capacity, the basket can hold multiple workers and larger glass panels.

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# SkyAir® Package

With an integrated on-board air compressor, the SkyAir package delivers 9.3 CFM at pressures up to 125 psi. It increases productivity by eliminating the need for a ground-based compressor.



# 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.

# **JLG®** Ground Support

# Putting Your Work Above Everything.

When it comes to JLG<sup>®</sup> Ground Support, it's all about you. Your productivity. Your profitability. Your uptime. From the purchase of your first piece of equipment straight through to the training, parts and maintenance that follows.



#### **Customer Service Call Center**

You can be assured we'll be giving an all-out effort to support you. Just think of us as your personal on-call, full-service support team. We make it happen. Period.



# **Financial Solutions**

Maximizing your profits. Preserving your cash flow. Let our financing specialists help choose the program designed specifically for your needs.



#### Training

Knowing your equipment inside and out results in higher productivity on the job. Our instructor-led courses give you the hands-on time you need for success.

#### **Service Centers**

Your needs. Your uptime. JLG is on the job to fulfill your every need, from repair, reconditioning, same-day parts and much more. We're here to support you.

# Aftermarket Parts

Keep your equipment running at peak performance with genuine replacement parts, accessories, attachments, rebuilt and competitive parts all from one source—JLG.



# **ULTRA SERIES ARTICULATING BOOM LIFTS**

SPECIFICATIONS

		1250AJP
<b>Ultra Series Articulating B</b>	oom Lifts	
Reach Specifications		
Platform Height		125 ft (38.1 m)
Horizontal Reach		63 ft 2 in. (19.25 m)
Up and Over Height		60 ft 6 in. (18.44 m)
Swing		360° Continuous
Platform Capacity—Restricted		1,000 lb (454 kg)
Platform Capacity—Unrestricted		500 lb (227 kg)
Platform Rotator		180°
JibPLUS <sup>®</sup>	Length	8 ft (2.44 m)
	Horizontal Motion <sup>1</sup>	125°
	Vertical Motion	130° (+75/-55)

#### **Dimensional Data**

A. Platform Size		36 x 96 in. (0.91 x 2.44 m)
B. Overall Width	Axles Retracted	8 ft 2 in. (2.49 m)
Overall Width	Axles Extended	12 ft 6 in. (3.81 m)
C. Tailswing		3 ft (91 cm)
D. Stowed Height		10 ft (3.05 m)
E. Overall Length	Jib Stowed	37 ft 7 in. (11.45 m)
Overall Length	Jib Deployed	47 ft 6 in. (14.48 m)
F. Wheel Base		12 ft 6 in. (3.81 m)
G. Ground Clearance	Axle	12 in. (30 cm)
	Chassis	25.5 in. (65 cm)
Weight <sup>2</sup>		44,000 lb (19,958 kg)

#### Chassis

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Max Ground Bearing Pressure	*	100 psi (7.03 kg/cm <sup>2</sup> )
Drive Speed		3.25 mph (5.2 km/h)
Gradeability		45%
Turning Radius (Inside)	Axles Retracted	14 ft 5 in. (4.39 m)
	Axles Extended	8 ft (2.44 m)
Turning Radius (Outside)	Axles Retracted	22 ft 6 in. (6.86 m)
	Axles Extended	19 ft 4 in. (5.89 m)
Crab Steer Ratio <sup>3</sup>		1:1
Axle Oscillation		8 in. (20 cm)
Tires/Type		445/50D710 Foam Filled

#### **Power Source**

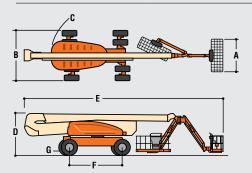
Diesel Engine	Deutz TD2011L4	74.9 hp (55.9 kW)
Fuel Tank Capacity		31 gal (117 L)
Hydraulic Reservoir		53 gal (200 L)
Auxiliary Power		12V DC
Generator Nominal/Continuous		7,500 Watt

\* Ground bearing pressure applies to standard tires.

1. Capacity is limited to 500 lb (227 kg) when JibPLUS is extended horizontally.

2. Certain options or country standards increase weight.

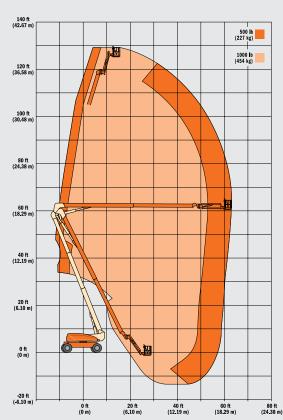
3. Ratio of forward travel to lateral travel.



#### **Standard Features**

Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry 8 ft (2.44 m) JibPLUS® Boom Selectable Capacity Envelope Inward Swinging Gate 180° Hydraulic Platform Rotator AC Receptacle in the Platform SkyPower<sup>®</sup> Package 7500 Watt Generator • 240/120V Single Phase • 240V 3 Phase 1/2 in. Air Line to Platform 5 Degree Tilt Alarm/Indicator Light All Motion Alarm 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 Rim Protector Lug Tread Tires Platform Console Machine Status Light Panel\* Lifting/Tie Down Lugs

Engine Distress Warning/Shutdown— Selectable via JLG Analyzer



#### **Available Options**

Platform: 36 x 72 in. (0.91 x 1.83 m) Side Entry Fall-Arrest Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry Light Package<sup>1</sup> Flashing Beacon Soft-Touch System Platform 6 ft/8 ft (1.83 m/2.44 m) Clearsky (US and Canada only) Cold Weather Start<sup>2</sup> Hostile Environment Kit<sup>3</sup> Mesh to Top Rail 1. Includes platform mounted work lights and drive/backup lights. 2. Includes glow plugs, battery heater and oil tank heater. 3. Includes console cover, boom wipers and cylinder bellows.

#### **Accessory Packages**

SkyWelder® SkyCutter® SkyGlazier® Nite Bright® Pipe Racks

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

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# ULTRA SERIES TELESCOPIC BOOM LIFTS

SPECIFICATIONS

		1200SJP
Ultra Series Telescopi	ic Boom Lifts	
<b>Reach Specifications</b>		
Platform Height		120 ft (36.58 m)
Horizontal Reach		75 ft (22.86 m)
Up and Over Height		_
Swing		360° Continuous
Platform Capacity—Restrict	ed	1,000 lb (454 kg)
Platform Capacity—Unrestri	cted	500 lb (227 kg)
Platform Rotator		180°
JibPLUS®	Length	8 ft (2.44 m)
	Horizontal Motion <sup>1</sup>	180°
	Vertical Motion	130° (+75/-55)

#### **Dimensional Data**

Billionolonal Bata		
A. Platform Size		36 x 96 in. (0.91 x 2.44 m)
B. Overall Width	Axles Retracted	8 ft 2 in. (2.49 m)
Overall Width	Axles Extended	12 ft 6 in. (3.81 m)
C. Tailswing		5 ft 6 in. (1.67 m)
D. Stowed Height		10 ft (3.05 m)
E. Overall Length	Jib Stowed	37 ft 7 in. (11.45 m)
Overall Length	Jib Deployed	44 ft 10.25 in. (13.67 m)
F. Wheel Base		12 ft 6 in. (3.81 m)
G. Ground Clearance	Axle	12 in. (30 cm)
	Chassis	25.5 in. (65 cm)
Weight <sup>2</sup>		40,900 lb (18,552 kg)

#### Chassis

01103313		
Max Ground Bearing Pressur	e*	99 psi (7.0 kg/cm <sup>2</sup> )
Drive Speed		3.25 mph (5.2 km/h)
Gradeability		45%
Turning Radius (Inside)	Axles Retracted	14 ft 5 in. (4.39 m)
	Axles Extended	8 ft (2.44 m)
Turning Radius (Outside)	Axles Retracted	22 ft 6 in. (6.86 m)
	Axles Extended	19 ft 4 in. (5.89 m)
Crab Steer Ratio <sup>3</sup>		1:1
Axle Oscillation		12 in. (30 cm)
Tires/Type		445/50D710 Foam Filled

#### **Power Source**

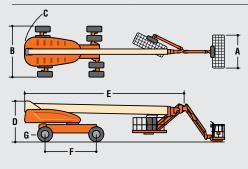
Diesel Engine	Deutz TD2011L4	74.9 hp (55.9 kW)
Fuel Tank Capacity		31 gal (117 L)
Hydraulic Reservoir		55 gal (208 L)
Auxiliary Power		12V DC
Generator		7500 Watt

\* Ground bearing pressure applies to standard tires.

1. Capacity is limited to 500 lb (227 kg) when JibPLUS is extended horizontally.

2. Certain options or country standards increase weight.

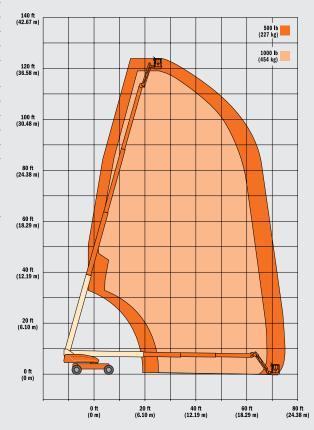
3. Ratio of forward travel to lateral travel.



Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry 8 ft (2.44 m) JibPLUS® Boom Selectable Capacity Envelope Inward Swinging Gate 180° Hydraulic Platform Rotator AC Receptacle in the Platform SkyPower<sup>®</sup> Package 7500 Watt Generator • 240/120V Single Phase • 240V 3 Phase 1/2 in. Air Line to Platform 5 Degree Tilt Alarm/Indicator Light All Motion Alarm 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 Rim Protector Lug Tread Tires Platform Console Machine Status Light Panel\*

## Lifting/Tie Down Lugs

Engine Distress Warning/Shutdown— Selectable via JLG Analyzer



#### **Available Options**

Platform: 36 x 72 in. (0.91 x 1.83 m) Side Entry Fall-Arrest Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry Light Package<sup>1</sup> **Flashing Beacon** Soft-Touch System Platform 6 ft/8 ft (1.83 m/2.44 m) Clearsky (US and Canada only) Cold Weather Start<sup>2</sup> Hostile Environment Kit<sup>3</sup> Mesh to Top Rail 1. Includes platform mounted work lights and drive/backup lights. 2. Includes glow plugs, battery heater and oil tank heater. 3. Includes console cover, boom wipers and cylinder bellows.

**Accessory Packages** 

SkyWelder® SkyCutter® SkyAir® (1200/1350SJP only) SkyGlazier® Nite Bright® Pipe Racks

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

# ULTRA SERIES TELESCOPIC BOOM LIFTS

SPECIFICATIONS

		1350SJP
<b>Ultra Series Teles</b>	copic Boom Lifts	
<b>Reach Specificati</b>	ons	
Platform Height		135 ft (41.15 m)
Horizontal Reach		80 ft (24.38 m)
Up and Over Height		
Swing		360° Continuous
Platform Capacity—Res	stricted	1,000 lb (454 kg)
Platform Capacity—Unr	estricted	500 lb (227 kg)
Platform Rotator		180°
JibPLUS®	Length	8 ft (2.44 m)
	Horizontal Motion <sup>1</sup>	180°
	Vertical Motion	130° (+75/-55)

# **Dimensional Data**

A. Platform Size		36 x 96 in. (0.91 x 2.44 m)
B. Overall Width	Axles Retracted	8 ft 2 in. (2.49 m)
Overall Width	Axles Extended	12 ft 6 in. (3.81 m)
C. Tailswing		5 ft 6 in. (1.67 m)
D. Stowed Height		10 ft (3.05 m)
E. Overall Length	Jib Stowed	37 ft 7 in. (11.45 m)
Overall Length	Jib Deployed	48 ft 10.25 in. (14.89 m)
F. Wheel Base		12 ft 6 in. (3.81 m)
G. Ground Clearance	Axle	12 in. (30 cm)
	Chassis	25.5 in. (65 cm)
Weight <sup>2</sup>		45,000 lb (20,411 kg)

#### Chassis

•		
Max Ground Bearing Pressu	re*	107 psi (7.52 kg/cm <sup>2</sup> )
Drive Speed		3.25 mph (5.2 km/h)
Gradeability		45%
Turning Radius (Inside)	Axles Retracted	14 ft 5 in. (4.39 m)
	Axles Extended	8 ft (2.44 m)
Turning Radius (Outside)	Axles Retracted	22 ft 6 in. (6.86 m)
	Axles Extended	19 ft 4 in. (5.89 m)
Crab Steer Ratio <sup>3</sup>		1:1
Axle Oscillation		12 in. (30 cm)
Tires/Type		445/50D710 Foam Filled

#### **Power Source**

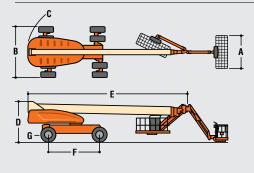
Diesel Engine	Deutz TD2011L4	74.9 hp (55.9 kW)
Fuel Tank Capacity		31 gal (117 L)
Hydraulic Reservoir		55 gal (208 L)
Auxiliary Power		12V DC
Generator Nominal/Continuous		7,500 Watt

\* Ground bearing pressure applies to standard tires.

1. Capacity is limited to 500 lb (227 kg) when JibPLUS is extended horizontally.

2. Certain options or country standards increase weight.

3. Ratio of forward travel to lateral travel.



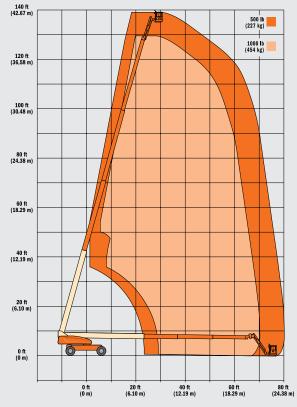
#### **Standard Features**

Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry 8 ft (2.44 m) JibPLUS® Boom Selectable Capacity Envelope Inward Swinging Gate 180° Hydraulic Platform Rotator AC Receptacle in the Platform SkyPower<sup>®</sup> Package 7500 Watt Generator • 240/120V Single Phase • 240V 3 Phase 1/2 in. Air Line to Platform 5 Degree Tilt Alarm/Indicator Light All Motion Alarm 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 Rim Protector Lug Tread Tires

Platform Console Machine Status Light Panel\*

## Lifting/Tie Down Lugs

Engine Distress Warning/Shutdown— Selectable via JLG Analyzer



#### **Available Options**

Platform: 36 x 72 in. (0.91 x 1.83 m) Side Entry Fall-Arrest Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry Light Package<sup>1</sup> **Flashing Beacon** Soft-Touch System Platform 6 ft/8 ft (1.83 m/2.44 m) Clearsky (US and Canada only) Cold Weather Start<sup>2</sup> Hostile Environment Kit<sup>3</sup> Mesh to Top Rail 1. Includes platform mounted work lights and drive/backup lights. 2. Includes glow plugs, battery heater and oil tank heater. 3. Includes console cover, boom wipers and cylinder bellows.

#### **Accessory Packages**

SkyWelder® SkyCutter® SkyAir® (1200/1350SJP only) SkyGlazier® Nite Bright® Pipe Racks

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

# ULTRA SERIES TELESCOPIC BOOM LIFTS

SPECIFICATIONS

		1500SJ
<b>Ultra Series Telesco</b>	pic Boom Lifts	
<b>Reach Specification</b>	S	
Platform Height		150 ft (45.7 m)
Horizontal Reach		80 ft (24.38 m)
Up and Over Height		—
Swing		360° Continuous
Platform Capacity—Restricted		1,000 lb (454 kg)
Platform Capacity—Unrestricted		500 lb (227 kg)
Platform Rotator		180°
Jib	Length	15 ft 2 in.—25 ft (4.62 m — 7.62 m)
	Horizontal Motion <sup>1</sup>	For Transport Only
	Vertical Motion	120° (+75/-45)

#### **Dimensional Data**

	36 x 96 in. (0.91 x 2.44 m)
Axles Retracted	8 ft 2 in. (2.49 m)
Axles Extended	12 ft 6 in. (3.81 m)
	5 ft 6 in. (1.67 m)
	10 ft (3.05 m)
Jib Stowed	43 ft (11.45 m)
Jib Deployed	61 ft 9 in. (18.82 m)
	12 ft 6 in. (3.81 m)
Axle	12 in. (30 cm)
Chassis	25.5 in. (65 cm)
	48,000 lb (21,773 kg)
	Axles Extended Jib Stowed Jib Deployed Axle

#### Chassis

Max Ground Bearing Pressure*		113 psi (7.94 kg/cm <sup>2</sup> )
Drive Speed		3.0 mph (4.8 km/h)
Gradeability		40%
Turning Radius (Inside)	Axles Retracted	14 ft 5 in. (4.39 m)
	Axles Extended	8 ft (2.44 m)
Turning Radius (Outside)	Axles Retracted	22 ft 6 in. (6.86 m)
	Axles Extended	19 ft 4 in. (5.89 m)
Crab Steer Ratio <sup>3</sup>		1:1
Axle Oscillation		12 in. (30 cm)
Tires/Type		445/50D710 Foam Filled

#### **Power Source**

Diesel Engine	Deutz TD2011L04	74.9 hp (55.9 kW)
Fuel Tank Capacity		31 gal (117 L)
Hydraulic Reservoir		55 gal (208 L)
Auxiliary Power		12V DC
Generator		7.500 Watt

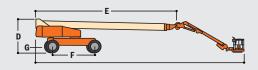
\* Ground bearing pressure applies to standard tires.

1. Capacity is limited to 500 lb (227 kg) when Jib is extended.

2. Certain options or country standards increase weight.

3. Ratio of forward travel to lateral travel.





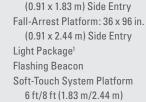
#### **Standard Features**

Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry 8 ft (2.44 m) JibPLUS® Boom Selectable Capacity Envelope Inward Swinging Gate 180° Hydraulic Platform Rotator AC Receptacle in the Platform SkyPower<sup>®</sup> Package 7500 Watt Generator • 240/120V Single Phase • 240V 3 Phase 1/2 in. Air Line to Platform 5 Degree Tilt Alarm/Indicator Light All Motion Alarm 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 Rim Protector Lug Tread Tires

Platform Console Machine Status Light Panel\*

## Lifting/Tie Down Lugs

Engine Distress Warning/Shutdown— Selectable via JLG Analyzer



**Available Options** 

Platform: 36 x 72 in.

Clearsky (US and Canada only)

Cold Weather Start<sup>2</sup>

#### Hostile Environment Kit<sup>3</sup>

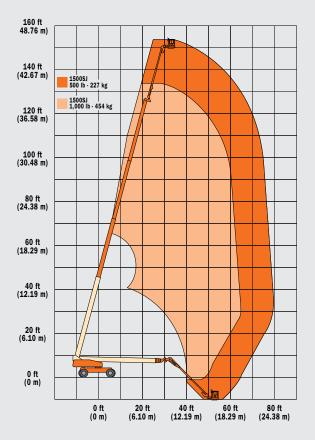
#### Mesh to Top Rail

- 1. Includes platform mounted work lights and drive/backup lights.
- Includes glow plugs, battery heater and oil tank heater.
- 3. Includes console cover, boom wipers and cylinder bellows.

#### **Accessory Packages**

SkyWelder® SkyCutter® SkyAir® (1200/1350SJP only) SkyGlazier® Nite Bright® Pipe Racks

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



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Form No.: UB-BRO-0208 Part No.: 3131561 R041103 Printed in USA

