

# Ultra Series SPECIFICATIONS

## 1200SJ<sup>2</sup>

### Ultra Series Telescopic Boom Lifts Reach Specifications

Platform Height	120 ft (36.58 m)
Horizontal Reach	75 ft (22.86 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°
JibPLUS <sup>®</sup>	
Length	8 ft (2.44 m)
Horizontal Motion <sup>3</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	34 ft 11 in. (10.64 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

Max Ground Bearing Pressure*		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

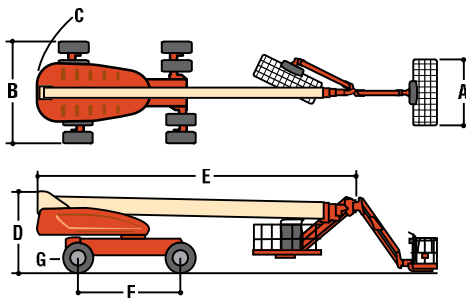
Diesel Engine	Deutz TCD2.9L4 Tier 4 Final	74.2 hp (55.4 kW)
Fuel Tank Capacity		31 gal (117 L)
Hydraulic Reservoir		55 gal (208 L)
Auxiliary Power		12V DC
Generator		7500 Watt

\*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.



### Standard Features

Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry  
8 ft (2.44 m) JibPLUS<sup>®</sup> Boom  
Selectable Capacity Envelope  
180° Hydraulic Platform Rotator  
AC Receptacle in the Platform  
5 Degree Tilt Alarm/Indicator Light  
All Motion Alarm  
Swing-Out Engine Tray  
12V DC Auxiliary Power  
Hourmeter  
Control ADE<sup>®</sup> System  
Full-time 4WD  
3 Selectable Steering Modes  
Drive-out Extendible Axles  
Oscillating Axle  
Proportional Controls  
Gull-Wing Hoods  
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  
SkyGuard SkyLine<sup>™</sup>

### 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

Self-Closing Gate

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

Operator Tool Tray

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

SkyPower<sup>®</sup> Package

7500 Watt Generator  
• 240/120V Single Phase  
• 240V 3 Phase

1/2 in. Air Line to Platform

SkyWelder<sup>®</sup>

SkyCutter<sup>®</sup>

SkyGlazier<sup>®</sup>

Pipe Racks

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

