SX Series
TELESCOPIC BOOM LIFTS

Customer-Preferred Controls

Pin-less Axle Extension for Faster Setup

Large Operator Work Platform

110SX
110SXJ
120SXJ

www.jlg.com

Courtesy of Crane.Market
Rediscover the enhanced Models 110SX and 110SXJ telescopic boom lifts for applications up to 110 ft. (33.53 m). They’re still the standard for multi-function operations on docks, aircraft hangars, construction, industrial or other job sites.

Features & Advantages
- Pin-less axle extension system for faster, more efficient setup
- Standard four-wheel drive
- Customer-preferred controls
- Spacious 8 ft. (2.44 m) platform provides comfortable work area
- Faster lift and lower speeds for improved productivity
- Rugged square steel platform tubing for enhanced durability
- Diesel powered engine options
- Superior boom design for an optimum strength-to-weight ratio
- 110SXJ features a 10 ft. (3.05 m) Extend-A-Reach articulating jib
- 385/65R x 22.5 Foam Filled Tires

120SXJ
At 120 feet (36.58 m), the Model 120SXJ offers the highest level of performance within the SX line. It features faster boom movement for improved operator efficiency, standard four-wheel drive with planetary reduction gear, standard four-wheel/crab steering and an exclusive Load Management Indicator System with audio/visual alert.

Features & Advantages
- Standard pin-less axle extension reduces time spent on machine setup
- Customer-preferred controls
- Standard 36 x 96 in. (0.91 x 2.44 m) platform provides comfortable work area
- Standard 13 ft. (4 m) Extend-A-Reach articulating jib for ease of platform positioning around obstacles
- Rugged square steel platform tubing for enhanced durability
- Inward swinging gate and low entry height for ease of entry
- Deutz F4L912 70 hp Engine
- 445/65R x 22.5 Foam Filled Tires

110SX & 110SXJ
Rediscover the enhanced Models 110SX and 110SXJ telescopic boom lifts for applications up to 110 ft. (33.53 m). They’re still the standard for multi-function operations on docks, aircraft hangars, construction, industrial or other job sites.

Features & Advantages
- Pin-less axle extension system for faster, more efficient setup
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- Customer-preferred controls
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- Faster lift and lower speeds for improved productivity
- Rugged square steel platform tubing for enhanced durability
- Diesel powered engine options
- Superior boom design for an optimum strength-to-weight ratio
- 110SXJ features a 10 ft. (3.05 m) Extend-A-Reach articulating jib
- 385/65R x 22.5 Foam Filled Tires
### JLG MODELS 110SX & 110SXJ

**REACH SPECIFICATIONS**

Platform Height ........................................... 110 ft. (33.53 m)
Horizontal Outreach ...................................... 60 ft. (18.29 m)
Below Ground Reach (110SX only) ...................... 12 ft. (3.6 m)
Swing ....................................................... 360° Continuous
Platform Capacity-Restricted (110SX) ................. 1000 lbs. (450 kg)
Platform Capacity-Unrestricted ......................... 500 lbs. (230 kg)
Platform Rotator ........................................... 180° Hydraulic
Jib (Range of Articulation) (110SX) .................. 10 ft. (3.05 m) 90 degrees (+15, –75)

**DIMENSIONAL DATA**

<table>
<thead>
<tr>
<th>A. Platform Size</th>
<th>36 x 96 in. (0.91 x 2.44 m)</th>
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<tbody>
<tr>
<td>B. Overall Width - Axles Retracted</td>
<td>8 ft. 2 in. (2.49 m)</td>
</tr>
<tr>
<td>C. Overall Width - Axles Extended</td>
<td>10 ft. 10 in. (3.3 m)</td>
</tr>
<tr>
<td>D. Tailswing (Axles Extended)</td>
<td>2 ft. 10 in. (86 cm)</td>
</tr>
<tr>
<td>E. Stowed Height</td>
<td>9 ft. 10 in. (3.0 m)</td>
</tr>
<tr>
<td>F. Stowed Length (110SX)</td>
<td>38 ft. 7 in. (11.76 m)</td>
</tr>
<tr>
<td>(110SXJ)</td>
<td>44 ft. 2 in. (13.46 m)</td>
</tr>
<tr>
<td>(110SX with full Jib)</td>
<td>44 ft. 11 in. (13.69 m)</td>
</tr>
<tr>
<td>G. Wheelbase</td>
<td>10 ft. (3.05 m)</td>
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<tr>
<td>H. Ground Clearance</td>
<td>14.5 in. (37 cm)</td>
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| Jib (Range of Articulation) (110SX) | 11 ft. (3.35 m) 90 degrees (+15, –75)
| G. Stowed Length (Transport) | 35 ft. 11 in. (10.95 m) |
| G. Stowed Length (Working) | 52 ft. 4 in. (15.95 m) |
| G. Stowed Height | 10 ft. (3.05 m) |
| I. Ground Clearance | 14.5 in. (37 cm) |
| Gross Vehicle Weight* | 43,500 lbs. (19,732 kg) |
| Max. Ground Bearing Pressure | 177 psi (12.4 kg/cm²) |

**CHASSIS**

(Standard Four-Wheel Steer)

Drive Speed .............................................. 3 mph (4.8 km/h)
Gradeability ............................................. 40%
Turning Radius (Inside)  
Axles Retracted | 14 ft. 8 in. (4.47 m) |
Axles Extended | 12 ft. (3.66 m) |
Turning Radius (Outside)  
Axles Retracted | 22 ft. 2 in. (6.76 m) |
Axles Extended | 24 ft. (7.32 m) |
Tire Size/Type | 385/65R x 22.5 Foam Filled |

**POWER SOURCE**

- Diesel Engine  : Deutz F4L912 70 hp (52 kW)
- Fuel Tank Capacity : 26 gal. (98.4 L)
- Hydraulic Reservoir : 50 gal. (190 L)
- Auxiliary Power : 12V-DC

*Certain options or country standards will increase weight

**JLG MODEL 120SXJ**

**REACH SPECIFICATIONS**

Platform Height ........................................... 120 ft. (36.58 m)
Horizontal Outreach ...................................... 60 ft. (18.29 m)
Swing ....................................................... 360° Continuous
Platform Capacity ....................................... 500 lbs. (230 kg)
Platform Rotator .......................................... 180° Hydraulic
Jib (Range of Articulation) ......................... 11 ft. (3.35 m) 90 degrees (+15, –75)

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| Jib (Range of Articulation) (110SX) | 11 ft. (3.35 m) 90 degrees (+15, –75)
| G. Stowed Length (Transport) | 35 ft. 11 in. (10.95 m) |
| G. Stowed Length (Working) | 52 ft. 4 in. (15.95 m) |
| G. Stowed Height | 10 ft. (3.05 m) |
| I. Ground Clearance | 14.5 in. (37 cm) |
| Gross Vehicle Weight* | 43,500 lbs. (19,732 kg) |
| Max. Ground Bearing Pressure | 149 psi (10.5 kg/cm²) |

**CHASSIS**

(Standard Four-Wheel Steer)

Drive Speed .............................................. 3 mph (4.8 km/h)
Gradeability ............................................. 40%
Turning Radius (Inside)  
Axles Retracted | 12 ft. 10 in. (3.91 m) |
Axles Extended | 10 ft. 7 in. (3.23 m) |
Turning Radius (Outside)  
Axles Retracted | 17 ft. 4 in. (5.28 m) |
Axles Extended | 18 ft. 10 in. (5.74 m) |
Tire Size/Type | 445/65R x 22.5 Foam Filled |

**POWER SOURCE**

- Diesel Engine  : Deutz F4L912 70 hp (52 kW)
- Fuel Tank Capacity : 26 gal. (98.4 L)
- Hydraulic Reservoir : 50 gal. (190 L)
- Auxiliary Power : 12V-DC

*Certain options or country standards will increase weight
Flexible Financing
JLG offers the best combination of leasing and financing alternatives, tailored to individual needs and with cost-competitive financial products that make your choice of JLG equipment easier. We can handle every aspect of the loan or lease, including flexible end-of-term options and disposition. And, because we understand the market and your needs, we provide efficient service to process and provide approval of your application quickly.

The JLG “1 & 5” Warranty
JLG Industries, Inc. backs our products with our 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) full 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 applicable OSHA Regulations in 29 CFR 1910.67, 29 CFR 1926.453, and ANSI A92.5-1992 as originally manufactured for intended applications.

PERFORMANCE FEATURES

Standard Features
- Four-Wheel Drive
- Pin-less Axle Extension
- 36 x 96 in. (0.91 x 2.44 m)
- Low Mount Platform
- Inward Swinging Gate
- 180 Degree Hydraulic Platform Rotator
- 110V-AC Receptacle On Platform
- 5 Degree Tilt Alarm/Indicator Light
- Rim Protector Lug Tread Tires
- 12V-DC Auxiliary Power
- Proportional Controls
- Lifting/Tie Down Lugs
- Hourmeter
- Horn
- Foam Filled Tires

Available Options
- 36 x 72 in. (0.91 x 1.83 m) Platform
- Platform Work Lights
- ½ in. (1.3 cm) Air Line to Platform
- “Soft Touch” System 6 ft./8 ft. (1.83 m/2.44 m)
- 2500W Generator
- Four-Wheel Steer
- Head and Tail Lights
- Front Chassis Jack
- Travel Alarm
- All Motion Alarm
- Flashing Amber Beacon
- 43.5 lb. (19.73 kg) Propane Tank
- Engine Distress Warning
- Cold Weather Start Kit (Deutz)
- Hostile Environment Kit

1. Low oil pressure and high coolant temperature alarms.
2. Includes ether assist battery heater, oil manifold heater and oil tank heater.
3. Includes boom wiper seals, cylinder bellows, turntable shield and console cover.

The JLG Promise
Whether you rent or own a JLG lift, you can expect the best in terms of safety, reliability, productivity and ease of use for the operator.

See our product showcase at www.jlg.com/SX