80HX Series

TELESCOPIC BOOM LIFTS



Extend-A-Reach for Added Versatility



Oscillating Axle for Uneven Terrain

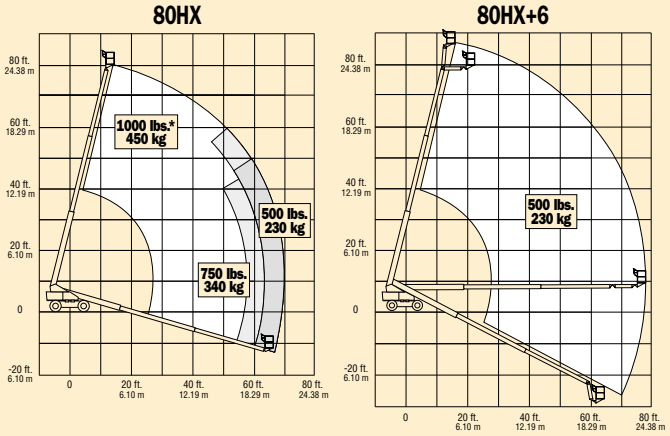


Proven Performance and Reliability

80HX
80HX+6

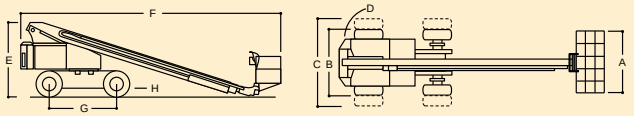
JLG®

JLG MODEL 80HX & 80HX+6



REACH SPECIFICATIONS

Platform Height (80HX) . . . . . 80 ft. (24.38 m)
(80HX+6) . . . . . 86 ft. (26.21 m)
Horizontal Outreach (80HX) . . . . . 70 ft. 7 in. (21.51 m)
(80HX+6) . . . . . 76 ft. 11 in. (23.44 m)
Below Ground Reach (80HX+6) . . . . . 21 ft. 8 in. (6.6 m)
Swing . . . . . 360° Continuous
Platform Capacity-Restricted (80HX) . . . . . 1000/750 lbs. (450/340 kg)
Platform Capacity-Unrestricted (80HX) . . . . . 500 lbs. (230 kg)
Platform Capacity (80HX+6) . . . . . 500 lbs. (230 kg)
Platform Rotator . . . . . 180° Hydraulic
Jib (Range of Articulation) (80HX+6) . . . . . 6 ft. (1.83 m) 95° (+15,-80)



DIMENSIONAL DATA

A. Platform Size (80HX) . . . . . 36 x 96 in. (0.91 x 2.44 m)
(80HX+6) . . . . . 36 x 72 (0.91 x 1.83 m)
B. Overall Width (Axles Retracted) . . . . . 8 ft. 2 in. (2.49 m)
C. Overall Width (Axles Extended) . . . . . 10 ft. (3.05 m)
D. Tailswing . . . . . 2 ft. 11 in. (89 cm)
E. Stowed Height . . . . . 9 ft. 7 in. (2.92 m)
F. Stowed Length (80HX) . . . . . 33 ft. 7 in. (10.24 m)
(80HX+6) . . . . . 36 ft. 9 in. (11.2 m)
G. Wheelbase . . . . . 10 ft. (3.05 m)
H. Ground Clearance . . . . . 10 in. (25 cm)
Gross Vehicle Weight* (80HX) . . . . . 31,800 lbs. (14,428 kg)
(80HX+6) . . . . . 36,900 lbs. (16,742 kg)
Max. Ground Bearing Pressure (80HX) . . . . . 103 psi (7.2 kg/cm²)
(80HX+6) . . . . . 118 psi (8.3 kg/cm²)

CHASSIS

Drive Speed 2WD . . . . . 3.5 mph (5.6 km/h)
Drive Speed 4WD . . . . . 2.8 mph (4.5 km/h)
Gradeability 2WD/4WD 25%/35%
Turning Radius, Axles Retracted
2WS (Inside/Outside) . . . . . 17 ft. (5.18 m) / 23 ft. 8 in. (7.21 m)
4WS (Outside) . . . . . 13 ft. 8 in. (4.17 m)
Turning Radius, Axles Extended
2WS (Inside/Outside) . . . . 16 ft. 2 in. (4.93 m) / 25 ft. 4 in. (7.72 m)
4WS (Outside) . . . . . 14 ft. 5 in. (4.39 m)
Axle Oscillation . . . . . 8 in. (20 cm)
Tire Size/Type (80HX) . . . . . 15 x 19.5 Lug Tread
(80HX+6) . . . . . 15 x 19.5 Foam Filled

POWER SOURCE

Dual Fuel Engine . . . . . Ford LRG-425 70 hp (52 kW)
Diesel Engine . . . . . Deutz F4L912 70 hp (52 kW)
Fuel Tank Capacity . . . . . 26 gal. (98 L)
Hydraulic Reservoir . . . . . 55 gal. (208 L)
Auxiliary Power . . . . . 12V DC

**Certain options or country standards will increase weight*

PERFORMANCE FEATURES

Standard Features

Hydraulic Extendible Axles (Front & Rear)
36 x 96 in. (0.91 x 2.44 m) Platform
Inward Swinging Gate
180 Degree Hydraulic Platform Rotator
110V-AC Receptacle On Platform
5 Degree Tilt Indicator Light
Rim Protector Lug Tread Tires
12V-DC Auxiliary Power
Proportional Controls
Lifting/Tie Down Lugs
Hourmeter

Available Options

36 x 72 in. (0.91 x 1.83 m) Platform
Minimum Underhang Mount[1]
Platform Work Lights
1/2 in. (1.3 cm) Air Line to Platform
"Soft Touch" System 6 ft. (1.83 m)[2]
Four-Wheel Steer[3]
Foam Fill for Tires
2500W Generator
Head and Tail Lights
Tow Package
Front Chassis Jack
Proportional Telescope[4]
5 Degree Tilt Alarm
Travel Alarm
All Motion Alarm
Flashing Amber Beacon
Alarm Package[5]
43.5 lb. (19.73 kg) Propane Tank
Engine Distress Warning[6]
Cold Weather Start Kit (Ford)[7]
Cold Weather Start Kit (Deutz)[8]
Hostile Environment Kit[9]

1. Reduces platform height 18 in. (46 cm).
2. Available on 80HX+6 only.
3. Not available with oscillating axle.
4. Standard on 80HX+6. Includes 5 degree tilt, flashing amber beacon & all-motion alarm.
5. Includes flashing beacon & all-motion alarm.
6. Low oil pressure and high coolant temperature alarms.
7. Includes engine block heater, battery heater, oil manifold heater and oil tank heater.
8. Includes ether assist, battery heater, oil manifold heater and oil tank heater.
9. Includes console cover, boom wipers and cylinder bellows.

80HX Boom Lift Advantages

- Optional oscillating axle provides a smoother ride and better traction for improved rough terrain drive performance
- Extendible axles help reduce stowed width for ease of transport
- Plate steel boom provides longer service life, minimal deflection
- Proportional controls for smoother drive, lift and swing functions
- Platform features a powered rotator for flexible positioning
- JLG's patented Extend-A-Reach 6 ft. (1.83 m) articulating boom section (80HX+6) provides "up & over" or "out & down" access

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, 1926.453 and ANSI A92.5-I992 as originally manufactured for intended applications.

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.

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