

Model 740AJ SERIES

ARTICULATING BOOM LIFTS



Performance

| | | |
|--------------------------------|-----------------|------------------------|
| Platform Height | 74 ft | 22.60 m |
| Horizontal Outreach | 51 ft 10 in. | 15.80 m |
| Up and Over Height | 25 ft 1 in. | 9.78 m |
| Swing | 360° Continuous | |
| Platform Capacity-Unrestricted | 500 lb | 227 kg |
| Platform Rotator | 180° Hydraulic | |
| Jib Length | 6 ft | 1.83 m |
| Jib Range of Articulation | 130° (+70, -60) | |
| Weight ¹ | 36,200 lb | 16,420 kg |
| Max. Ground Bearing Pressure | 84 psi | 5.3 kg/cm ² |
| Drive Speed 4WD | 3.0 mph | 4.8 km/h |
| Gradeability 4WD | 45% | |
| Turning Radius | | |
| Inside | 7 ft | 2.13 m |
| Outside | 14 ft 6 in. | 4.42 m |

1. Certain options or country standards increase weight.

Standard Specifications

Engine

| | | |
|---------------------|--------|---------|
| Dual Fuel Engine | | |
| GM Vortec 3000 MPFI | 82 hp | 61 kW |
| Diesel Engine | | |
| Deutz D2011L04 | 65 hp | 48 kW |
| Fuel Tank Capacity | 40 gal | 49.21 L |

Hydraulic System

| | | |
|------------|--------|---------|
| • Capacity | 48 gal | 181.7 L |
|------------|--------|---------|

Tires

| | |
|------------|--|
| • Standard | 445/55D19.5 Foam-Filled Wide Lug Tread |
|------------|--|

Standard Features

- Fall arrest platform and boom
- 90 mph (144 kph) jet blast rating
- 6 ft. (1.37 m) articulating jib
- 36 x 72 in. (.91 x 1.83 m) low mount platform
- 4WD/4WS
- Fixed Axle
- 2500W generator
- Operator's tool tray and corner tool tray
- 18 x 19.5 in. foam filled wide lug tread tires
- 180 degree hydraulic platform rotator
- Platform console machine status light panel²
- 110V-AC receptacle in the platform
- 5 degree tilt alarm/indicator light
- Swing-out engine module
- Gull-wing engine hood
- 12V-DC auxiliary power
- Hourmeter
- Hydrostatic drive
- Proportional controls
- Lifting/tie down lugs
- Horn

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



Accessories & Options

- Light Package³
- Soft Touch System
- 1/2 in. Air Line to Platform
- On Board Air Compressor
- Welding Lead to Platform
- Alarm Package⁴
- 43.5 Propane Tank
- Cold Weather Start Kit (Ford)⁵
- Cold Weather Start Kit (Deutz)⁵
- Hostile Environment Kit⁶
- Platform Worklights
- Flashing Amber Beacon

3. Includes platform work lights, head and tail lights.

4. Includes all motion alarm and flashing amber beacon.

5. Includes engine block heater (Ford) or ether assist (Deutz), battery heater, oil tank heater.

6. Includes console cover, boom wipers and cylinder bellows.

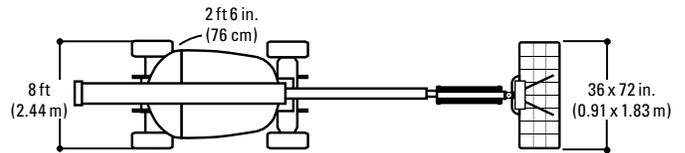
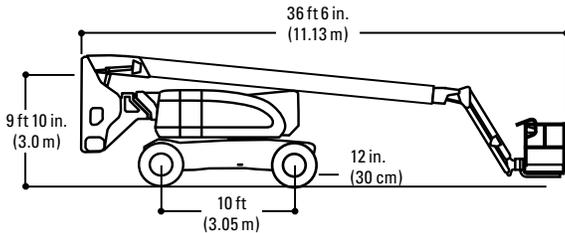
Note: Some options may increase lead time, and some option combinations may not be available.

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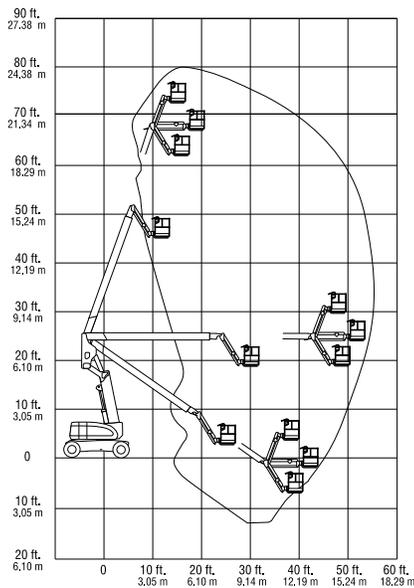
Dimensions

All dimensions are approximate.



Reach Diagrams

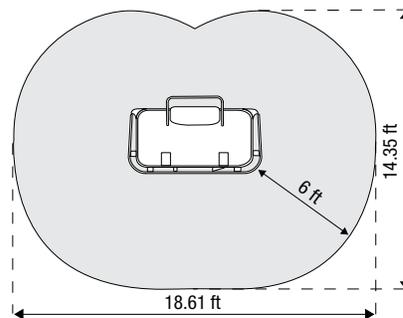
740AJ



Fall Arrest Platform



Worker Envelope



Platform Area: 18 sq ft
Total Work Area: 210 sq ft

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 A92.5-2006 as originally manufactured for intended applications.

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