

H800AJ HYBRID

ARTICULATING BOOM LIFT



Performance

Platform Height	80 ft	24.38 m
Horizontal Outreach	51 ft 10 in.	15.8 m
Up and Over Height	32 ft 1 in.	9.78 m
Swing	360 Degrees Continuous	
Platform Capacity	500 lb	227 kg
Platform Rotator	180 Degrees Hydraulic	
Jib Range of Articulation	130 Degrees (+70, -60)	
Weight	35,520 lb	16,110 kg
Drive Speed Lowered	3.45 mph	5.55 km/h
Drive Speed Elevated	0.27 mph	0.43 km/h
Gradeability 4WD	45%	
Axle Oscillation	8 in.	20.4 cm
Ground Bearing Pressure	76 psi	5.3 kg/cm ²
Turning Radius (2WS)		
Inside	12 ft 6 in.	3.8 m
Outside	19 ft 8 in.	6.02 m

Standard Specifications

Power Source

Diesel Engine		
Kubota Tier 4 Final	25 hp	18.6 kW
Motor/Generator Power	28 hp	20.9 kW
Fuel Tank Capacity	25 gal.	94.64 L
Batteries	12V 235Ah 4D AGM Maintenance-free	
System Voltage	84V-DC	
Battery Quantity	14	

Hydraulic System

• Capacity	21 gal.	79.5 L
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Tires

• Standard	15-625 Wide Lug Tread
• Optimal	18 x 19.5 Foam-filled

Standard Features

- Oscillating Axle
- 180 Degree Hydraulic Platform Rotator
- 110V-AC Receptacle in the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Automatic Engine Idle, Start/Stop
- Automatic Battery Charger in Hybrid Mode
- Electric Only Capability
- Swing-Out Engine Tray
- Hourmeter
- Horn
- Control ADE® System
- Proportional Controls
- Gull-Wing Engine Hood
- Platform Console Machine Status Light Panel*
- Lifting/Tie Down Lugs
- All Motion Alarm
- Glow Plugs (Diesel Engines)
- Platform/Ground Display Battery SOC Indicator
- 220V-AC 15A Charging Cable



Accessories & Options

- Fall Arrest Platform, Rear Entry
36 x 96 in. (0.91 x 2.44 m)
- Self-Closing Gate
- Mesh to Top Rail Bolt-on Aluminum
- Soft Touch System
- Operator Tool Tray
- 1/2 in. Airline to Platform
- Exhaust Purifier Muffler (Diesel)
- Cold Weather Start Kit
- Hostile Environment³ Kit
- Light Package
- Platform Worklights
- Flashing Amber Beacon
- 110V-AC 15A Dual Cable Charging Kit
- Accessory Packages:
 - SkyPower®
 - SkyWelder®
 - SkyGlazier®
 - Pipe Rack

1. Foam-filled tires required.
2. Includes glow plugs (Diesel), battery heater, oil tank heater.
3. Includes console cover, boom wipers and cylinder bellows.
4. Includes head and tail lights, and platform worklights.

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

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



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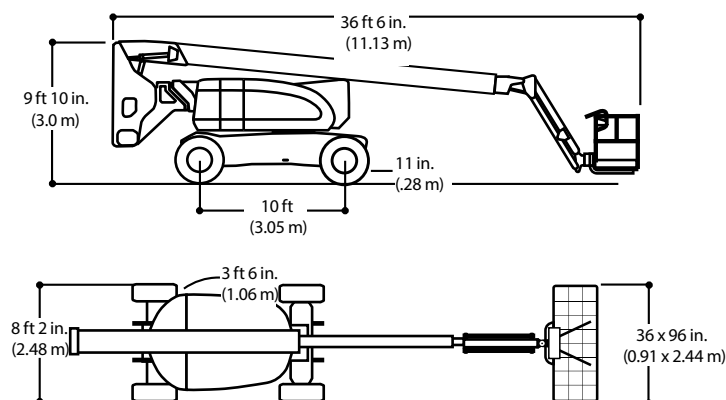
ARTICULATING BOOM LIFT



Dimensions

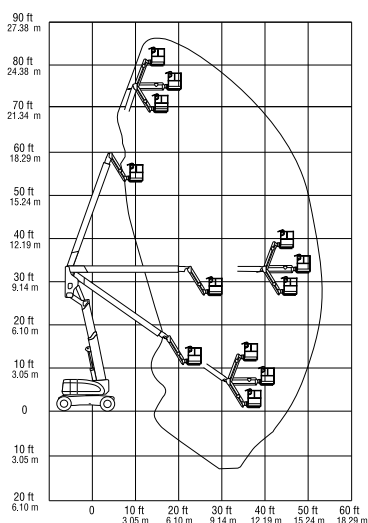
All dimensions are approximate.

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Reach Diagram

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