# 800 Series

ARTICULATING

**BOOM** LIFTS

#### Features

6 ft (1.83 m) Articulating Jib (800AJ only) Platform, Side Entry: 36 x 96 in. (0.91 x 2.44 m) Dual Rated Capacities (800A only) **Oscillating Axle Inward Self-Closing Swinging Gate 180 Degree Hydraulic Platform Rotator** 110V-AC Receptacle in the Platform 5 Degree Tilt Alarm/Indicator Light **Swing-Out Engine Tray** 12V-DC Auxiliary Power Hourmeter Control ADE® System **Proportional Controls Gull-Wing Engine Hood Hydrostatic Drive Operator Tool Tray Platform Console Machine** Status Light Panel\* Lifting/Tie Down Lugs **Engine Distress Warning Rim Protector Lug Tread Tires Engine Distress Shutdown-**Selectable via Analyzer **All Motion Alarm** SkyPower Package: **7500 Watt Generator** 240/120V Single Phase **240V 3 Phase** 1/2 in. Air Line to Platform

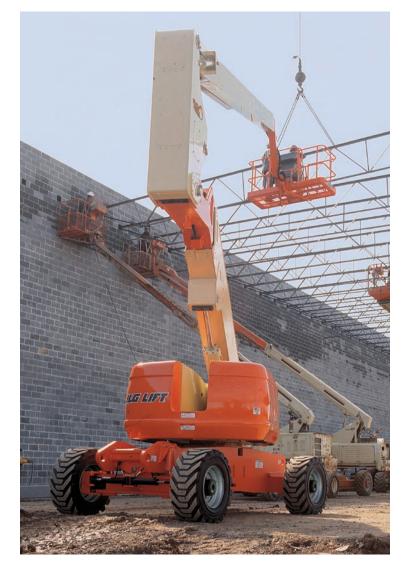
\* Provides indicator lights at platform control console for system distress, 5 degree tilt light, and foot switch status.

## Accessories & Options

Platform: 36 x 72 in. (0.91 x 1.83 m) Fall Arrest Platform, Rear Entry<sup>1</sup>: 30 x 72 in. (0.76 x 1.83 m) Mesh to Top Rail - Bolt-on Aluminum 6 ft Mesh to Top Rail - Bolt-on Aluminum 8 ft Soft Touch System: 6 ft/8 ft Foam-Filled 18 x 19.5 Tires 43.5 lb (19.7 kg) Propane Tank **Exhaust Purifier Muffler (Deutz)** Cold Weather Start Kit (GM)<sup>2</sup> Cold Weather Start Kit (Deutz & CAT)<sup>2</sup> Hostile Environment Kit<sup>3</sup> Light Package<sup>4</sup> **Platform Worklights** Flashing Amber Beacon Arctic Package<sup>5</sup>

**Accessory Packages:** SkyAir® **SkyWelder**° Pipe Rack<sup>®</sup> SkyGlazier<sup>6</sup> SkyCutter® and SkyAir® Package SkyWelder\*/SkyCutter\*, SkyAir\* Combination

- Foam-filled tires required.
   Includes engine block heater (GM and CAT) or glow plugs (Deutz), battery heater, oil tank heater.
- 3. Includes console cover, boom wipers and cylinder bellows.
- 4. Includes head and tail lights, and platform worklights.
- 5. Includes arctic hydraulic hoses (drive and steer only) and main boom cable, arctic hydraulic oil, extreme cold engine oil, anti-freeze (CAT only), fuel conditioner, engine block heater, battery blanket, glow plugs, hydraulic tank heater, and oversized footswitch.



## **Extra Reach and Versatility**

- The industry's best reach envelope 32 ft (9.75 m) up and over with 51 ft (15.54 m) of horizontal outreach
- Exclusive Workstation in the Sky® options and accessories

## **Easier Maintenance, Reduced Costs**

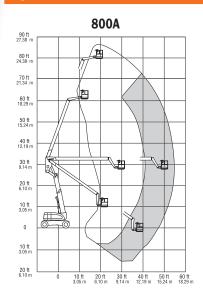
- Swing-out engine tray allows for faster and easier access for routine maintenance
- Exclusive Advanced Design Electronics (Control ADE®) System provides smoother machine functions, increased fuel efficiency and reduced

### **Improved Performance and High Capacity**

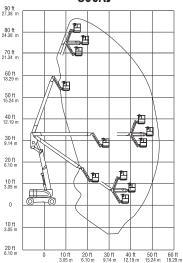
- Exclusive Quik Stik® boom can go from ground level to full elevation in less than 50 seconds
- Up to 1,000 lb (454 kg) platform capacity
- 45% gradeability and oscillating axle for improved traction

# 800 Series ARTICULATING BOOM LIFTS

# **Specifications**



#### 800AJ



# **Reach Specifications**Platform Height

Horizontai Reach	
800A	53 ft (16.15 m)
800AJ	51 ft 10 in. (15.8 m)
Up and Over Height	32 ft 1 in. (9.78 m)
Swing	360 Degrees Continuous
Platform Capacity-Re	estricted
800A 500	0/1000 lb* (227/454 kg)
Platform Capacity-	
Unrestricted	500 lb (227 kg)
Platform Rotator	180 Degrees Hydraulic
Jib Length	
800AJ	6 ft (1.83 m)
Jib Range of Articulation	
800AJ	130 Degrees (+70, -60)

80 ft (24.38 m)

#### **Dimensional Data**

A. Platform Size	36 x 96 in. (0.91 x 2.44 m)
B. Overall Width	8 ft (2.44 m)
C. Tailswing	2 ft 6 in. (76 cm)
D. Stowed Height	9 ft 10 in. (3.0 m)
E. Stowed Length	
800A	36 ft 11 in. (11.25 m)
800AJ	36 ft 6 in. (11.13 m)
F. Wheel Base	10 ft (3.05 m)
G. Ground Clearand	ce 12 in. (30 cm)
Weight**	34,300 lb (15,559 kg)
Max. Ground	-
Bearing Pressure	76 psi (5.3 kg/cm <sup>2</sup> )

#### Chassis

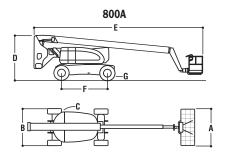
2WS 12 ft/22 ft 6 in. (3.66 m/6.86 m) 4WS 7 ft/14 ft 6 in. (2.13 m/4.42 m) Tires/Type Pneumatic 445/55D x 19.5

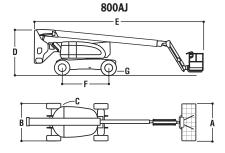
#### **Power Source**

Dual Fuel Engine,
GM Vortec 3000 MPFI
Diesel Engine,
Deutz F4M2011
Caterpillar 3044C
Fuel Tank Capacity
Hydraulic Reservoir
Auxiliary Power

82 hp (61 kW)
85 hp (48 kW)
63.3 hp (47.2 kW)
40 gal. (147.6 L)
40 gal. (151.4 L)

\*Except CE rating.





# The JLG "1 & 5" Warranty for Models 800A & 800AJ

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, ANSI A92.5-2006 and CSA B354.4-02 as originally manufactured for intended applications.



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<sup>\*\*</sup> Certain options or country standards will increase vehicle weight.