

# Model 800AJ

## ARTICULATING BOOM LIFTS



### MORE ECONOMIC

- Lower hydrocarbon, carbon monoxide, particulate and NOx emissions with Stage IIIB-compliant engine.

### MORE PRODUCTIVE

- Equipped with hydrostatic drive for easy, precise, infinitely-variable-speed manoeuvrability. Go from ground to over 26 m in under 50 seconds and enjoy industry best reach envelope with exclusive QuikStik® boom.

### MORE ACCESS

- Conquer rough terrain with standard oscillating axle and four-wheel drive, delivering optimised grip and stability.

### SMART DESIGN

- Customer-preferred controls mean fewer buttons and switches used to position the platform and less time spent learning to use the platform controls.

### Standard Features

- 0.91 m x 1.83 m low mount platform
- Side entry with drop bar mid rail
- Multiple function operation
- Full proportional drive joystick control with integral thumb steer switch
- Full proportional main boom and swing joystick control
- Multiple speed control for telescope, lower boom and platform rotate
- Selectable creep speed on drive / lift and swing functions
- 1.83 m articulating jib
- 180 degree powered platform rotator
- Platform console machine status light panel <sup>1</sup>
- Load sensing system
- AC power cable to platform
- Engine distress warning /shut down system <sup>2</sup>
- Gull-wing turntable hoods
- Four wheel drive
- Oscillating front axle
- 4 degree tilt alarm and indicator light
- Load sensing boom function pump
- Ground control selector switch with key lock
- 12V-DC auxiliary power
- Lifting/tie down lugs
- Hour meter
- Platform tool tray
- QuikStik® boom design
- Low fuel engine cut-out
- Cast Aluminum Control Box
- Horn
- Hydrostatic drive transmission
- Swing-out engine tray
- Interactive Display at Ground Controls
- Control ADE® Advanced Design Electronics System
- JLG Skyguard active system

<sup>1</sup> Provides indicator lights at platform control console for system distress, low fuel, tilt light, and foot switch status.

<sup>2</sup> Low oil pressure and high coolant temperature alarms with shut-down enabled/disabled by analyser.

### Standard Specifications

Power Source	Deutz TD 2.9 L4 50kW
• Diesel Engine <sup>2</sup>	151 L
• Fuel Tank Capacity	
Hydraulic System	
• Hydraulic Reservoir	261 L
• Auxiliary Power	12V DC
Tyres	
• Tyres	18 - 625 Foam Filled

<sup>2</sup> With EGR.

<sup>3</sup> Only available with four wheel drive on models 600A and 600AJ with 2.4m wide chassis and 800A and 800AJ.

<sup>4</sup> Available when integrated with the SkyPower® package

<sup>5</sup> Consists of six 40-watt lights, four turntable mounted lights and two platform mounted lights.

<sup>6</sup> Includes all-motion alarm and flashing amber beacon.

<sup>7</sup> Includes platform mounted work lights and head & tail lights.

<sup>8</sup> Includes console cover, boom wipers and cylinder bellows.



### Accessories & Options

- 0.91 m x 2.44 m slide bar side entry platform
- 0.91 m x 2.44 m Self closing inward swing gate
- 13 mm air line to platform
- Four wheel steer/Two wheel steer/ Crab steer <sup>3</sup>
- On-board 4,000W generator
- SkyPower® package 7,500 watt on-board generator
- SkyWelder® package 250 amp welder in the platform <sup>4</sup>
- Nite-Bright® package <sup>5</sup>
- Tow package
- All motion alarm
- Alarm package <sup>6</sup>
- Light package <sup>7</sup>
- Head and tail lights
- Flashing amber beacon
- Euro Plug & Socket
- Hostile environment kit <sup>8</sup>
- Hydraulic oil cooler
- Soft Touch 0.91 m x 1.83 m Platform Proximity System
- Soft Touch 0.91 m x 2.44 m Platform Proximity System
- Skyguard beacon (ILOS)
- Non Mark foam filled 18-625 Tyres
- Arctic package
- Generator hourmeter
- Synthetic Biodegradable Hydraulic Oil
- Platform worklights
- Special paint colour
- Two Wheel Drive



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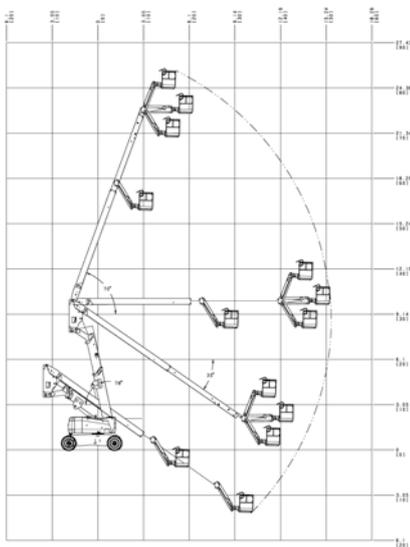
### Performance

• Working Height	26.38 m
• Platform Height	24.38 m
• Working Outreach	16.45 m
• Horizontal Outreach	15.80 m
• Up and Over Height	9.78 m
• Swing (Continuous)	360°
• Platform Capacity – Unrestricted	230 kg
• Platform Rotator (Hydraulic)	180°
• Jib – Overall Length	1.83 m
• Jib – Range of articulation	130° (+70°/-60°)
A. Platform Size	0.91 m x 1.83 m
B. Overall Width	2.49 m
C. Tailswing – working condition	0.76 m
D. Stowed Height	3.00 m
E. Stowed Length	11.13 m
F. Wheelbase	3.05 m
G. Ground Clearance	0.28 m
• Machine weight <sup>1/2</sup>	16,110 kg
• Maximum Ground Bearing Pressure	5.60 kg/cm <sup>2</sup>
• Drive Speed 2WD	4.8 km/h
• Drive Speed 4WD	4.8 km/h
• Gradeability 2WD	30%
• Gradeability 4WD	45%

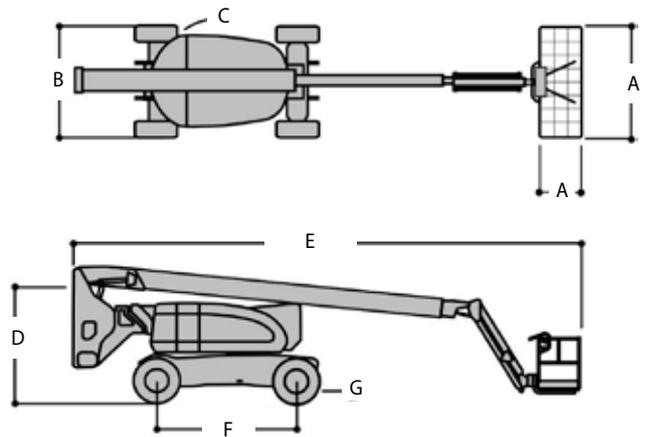
<sup>1</sup> Certain options or country standards may increase weight and/or dimensions.

<sup>2</sup> Optional.

### Reach Diagram



### Dimensions



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