



BATTERY POWERED CONVERSION JLG 800S & 860SJ

Performance

Platform Height—Elevated		
800S	80 ft	24.38 m
860SJ	86 ft	26.21 m
Horizontal Outreach		
800S	71 ft	21.64 m
860SJ	75 ft	22.86 m
Swing	360° Continuous	
Platform Capacity—		
Restricted (800S)	1,000 lb	454 kg
Restricted (860SJ)	750 lb	340 kg
Platform Capacity—		
Unrestricted	500 lb	227 kg
Platform Rotator	180° Hydraulic	
Jib Range of Articulation		
860SJ	130°	+70, -60
Weight ¹		
800S	33,200 lb	15,060 kg
860SJ	36,400 lb	16,511 kg
Max. Ground Bearing Pressure		
800S	72 psi	5.06 kg/cm ²
860SJ	81 psi	5.69 kg/cm ²
Drive Speed 2WD	3.5 mph	5.6 kmph
Drive Speed 4WD	3.5 mph	5.6 kmph
Gradeability 2WD	30%	
Gradeability 2WD	45%	
Turning Radius		
Inside	12 ft	3.66 m
Outside	22 ft 6 in.	6.86 m

1. Certain options or country standards will increase weight.

Standard Specifications

Power Source

Power System Voltage	72 volts	
Control System Voltage	12 volts	
Electric Motor	25 hp	
Wet Cell Battery	430 Amp-Hour, 31kW-Hours	

Standard JLG Pumps and Motors

Hydraulic Reservoir

Capacity	40 gal	151.42 L
Pump	Fixed Displacement Gear	

Tires

15.625 Pneumatic



Standard Features

- Inward Swinging Gate
- Dual-Rated Capacities
- Oscillating Axle
- Hydraulic Platform Rotator
- Swing-Out Engine Tray
- 12V DC Auxiliary Power
- Fuel Gauge
- All Motion Alarm
- Gull-Wing Hoods
- Operators Tool Tray
- Lifting/Tie Down Lugs
- Engine Distress Warning/Shutdown—
Selectable via JLG Analyzer
- 6 ft (1.83 m) Articulating Jib (860SJ Only)
- Platform: 36 x 96 in. (0.91 x 2.44 m) Side Entry
- Glow Plugs (Diesel Engines)
- 110V AC Receptacle in the Platform
- 5 Degree Tilt Alarm/Indicator Light
- Hourmeter
- Control ADE® System
- Proportional Controls
- Hydrostatic Drive
- Platform Console Machine Status Light Panel*
- 15-625 Rim Protector Lug Tread Tires

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

Accessories & Options

- Mesh to Top Rail
- Light Package¹
- Soft-Touch System
- 15-625 Foam Filled Tires
- Catalytic Muffler
- Hostile Environment Kit³
- Tow Package
- Platform Worklights
- Platform: 36 x 72 in. (0.91 x 1.83 m)
- Fall Arrest Platform (Requires Foam Filled Tires)
- Flashing Amber Beacon
- 18-625 Foam Filled Tires
- Cold Weather Start Kit²
- Arctic Package⁴
- Special Hydraulic Oils (Consult Factory)
- Accessory Packages:
 - SkyWelder®
 - SkyGlazier®
 - Nite Bright®
 - SkyCutter®
 - Pipe Rack
 - SkyAir®
 - SkyPower®

1. Includes platform mounted work lights and drive/backup lights.

2. Engine block heater, battery heater and oil tank heater.

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

4. Includes arctic hydraulic hoses (drive and steer only and main boom cable, arctic hydraulic oil, extreme cold engine oil, anti-freeze)

BAILEY SPECIALTY CRANES & AERIALS

S81W18561 GEMINI DRIVE

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