Model 860SJ
TELESCOPIC BOOM LIFTS

MORE ECONOMIC
• Lift more with new, restricted platform capacity 340kg.

MORE PRODUCTIVE
• Equipped with hydrostatic drive for easy, precise, infinitely-variable-speed manoeuvrability.

MORE ACCESS
• Work easily in tight spaces with class-leading 22.86 m working outreach.

SMART DESIGN
• Fewer buttons and switches used to position the platform and less time spent learning how to use the platform controls.

Standard Features
• 0.92 m x 2.44 m swing gate entry
• 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 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
• New led backlight display with improved visibility in the direct sunlight
• Load sensing system
• AC cable to platform
• Deutz TD 2.9 L4 (50kw) diesel engine
• Engine distress warning/shut down system
• Gull-wing hoods
• Swing-out engine tray
• Control ADE® - Advanced Design Electronics System
• Hydrostatic drive transmission
• Four/ two wheel drive two wheel steerer
• Horn
• 4 degree tilt alarm and indicator light
• 18 – 625 foam filled lug tread tyres
• Fixed-width frame (extending axles not required)
• Load sensing system
• Oscillating front axle
• Lifting/tie down lugs
• Hour meter
• Ground control selector switch with key lock
• Catalytic Purifier Muffler
• Platform tool tray
• Container storage tray

Standard Specifications
• Diesel Engine: Deutz stage IVb, TD2.9 L4 W (68HP, 50Kw)
• Fuel Tank Capacity: 117.3 L
• Hydraulic System: 235 L
• Auxiliary Power: 12V DC

Accessories & Options
• 0.92 m x 1.83 m swing gate or drop bar
• 0.76 m x 1.52 m swing gate or drop bar
• 0.76 m x 1.22 m swing gate or drop bar

1 Provides indicator lights at platform control console for system distress, low fuel, tilt light, and foot switch status.
2 Low oil pressure and high coolant temperature alarms with shut-down enabled/disabled by analyser.
3 Available when integrated with the SkyPower® package.
4 Consists of six 40-watt lights, four turntable mounted lights and two platform mounted lights.
5 Includes platform mounted work lights and head & tail lights.
6 Includes console cover, boom wipers and cylinder bellows.
7 Provides indicator lights at platform control console for system distress, low fuel, tilt light, and foot switch status working envelope.

SkyWelder® package 250 amp welder in the platform
Nite-Bright® package
All motion alarm
Light package
Head and tail lights
Flashing amber beacon
Plugs & Sockets
Hostile environment package
Hydraulic oil cooler
Skyguard with/without beacon
Skyline/ Skyeye
Skyvise system level 1 and level 2
ClearSky Locate
ClearSky CAN
Soft Touch Proximity System
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### Performance

- **Working Height**: 28.21 m
- **Platform Height**: 26.21 m
- **Horizontal Outreach**: 22.86 m
- **Working Outreach**: 23.51 m
- **Swing (Continuous)**: 360°
- **Platform Capacity - Restricted**: 230 kg
- **Platform Capacity - Unrestricted**: 340 kg
- **Platform Rotator (Hydraulic)**: 180°
- **Jib - Overall Length**: 1.83 m
- **Jib - Range of articulation**: 130° (+70°/-60°)
- **Platform Size**: 0.92 m x 2.44 m
- **Overall Width**: 2.49 m
- **Tailswing (working condition)**: 1.42 m
- **Stowed Height**: 3.06 m
- **Stowed Length**: 12.2 m
- **Wheelbase**: 3.06 m
- **Ground Clearance**: 0.28 m
- **Machine weight**: 16,732 kg
- **Maximum Ground Bearing Pressure**: 5.69/μm^2^\(^2^\)
- **Maximum Tyre Load**: 9163 kg
- **Drive Speed 2WD**: 5.6 km/h
- **Drive Speed 4WD**: 5.6 km/h
- **Gradeability 2WD**: 25%
- **Gradeability 4WD**: 45%
- **Axle Oscillation**: 0.20 m
- **Turning Radius - Inside**: 3.8 m 2WS
- **Turning Radius - Outside**: 6.02 m 2WS

*Certain options or country standards may increase weight and/or dimensions.

**Dimensions**

Due to continuous product improvements, JLG Industries reserves the right to make specification and/or equipment changes without prior notification.