

ENGINE POWERED TELESCOPIC BOOM LIFT

TB860J PLUS

Compliance with ANSI/CSA standards

PRODUCT HIGHLIGHTS

High Capacity

Plus series boom lifts holds up to 1000 lb (restricted)/661lb (unrestricted) platform capacity allowing you to carry up to 3 occupants plus material and tools to get your job done easily.

Intelligent Maintenance

Industry leading 7" screen displays faults and status information, for easy reference, reducing service technician assistance. Workers can complete tasks under the remote guidance of qualified service technicians. Convenient for fleet managers to quickly access live machine and maintenance information.

Oscillating Function

Both the active and inactive states have an oscillating function, allowing work to be performed on inclines and uneven ground.

Precision Performance

The upper control box is equipped with 3 full-proportional handles for gradual control of boom lifting, telescoping, turntable rotation and driving speed. Operate with smooth starting and stopping and precision approach to your worksite target.

Standard Features		
Platform hydraulic levelling	7" Intelligent display	Dual-speed drive motor
Platform 160° hydraulic rotation	Safety controller	Direct/Indirect anti-slip drive system
Drive enable system	Rexroth control system	Anti-slip
3 joysticks with variable proportional control	Swing-out engine	4-wheel brake
Horn and buzzer alarms	Engine restart protection	Emergency brake release
Rotating warning lamp	Engine malfunction automatic shutdown	4WD
Tilt protection	Engine preheating	Oscillating axle
Overload sensing system	Emergency stop system	360° continuous turntable rotation
Max allowable inclination up to 5°	Emergency lowering system	AC cable to platform
Solid RT Tires	Tool tray	110v AC power to platform
Standard 8 ft gated tri-entry platform	Maintenance kit	Telematics ready
Control box cover		
Optional Features		
Optional 6' work platform	Welder Ready - 12KW/240/60hz Generator	Foam-filled tires
Platform work light	Glazier kit	Pipe rack
Platform meshing	Operator Anti-Collision Device	

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Model	TB860J Plus
Dimensions	
Max Platform Height	26.5 m (86' 3")
Max Working Height	28.5 m (92' 10")
Max Horizontal Extension	17.91 m/20 m (58' 9"/65' 7") Unrestricted/Restricted
A Length-Stowed	12.5 m (41' 0")
B Width-Stowed	2.49 m (8' 2")
C Height-Stowed	2.88 m (9' 5")
D Wheelbase	3 m (9' 10")
Ground Clearance	0.46 m (1' 6")
Platform Dimensions (L x W x H)	2.44 x 0.91 x 1.1 m (8' 0" x 2' 11" x 3' 7")
Performance	
Platform Capacity	454 kg/300 kg (1,000 lbs/661 lbs)
Platform Allowable Occupants	3/2
Turntable Rotation (Angle/Continuity)	360°/continuous
Platform Rotation Angle	160°
Drive Speed - Stowed	0~4.8 km/h (0~3mph)
Drive Speed - Raised	0~1.1 km/h (0~0.68mph)
Gradeability (4WD)	45% (4WD)
Turning Radius (Inside/Outside)	4.62 m (15' 2") / 6.91 m (22' 8")
Turntable Tailswing	0.32 m (1')
Tilt Rating	5°
Tire Type & Size	385/65-24/10.00 (Solid RT)
Power	
Drive x Steering	4WD x 2WS
Engine	Deutz TD2.9 L4 US Stage 4 55.4KW/2600rpm
Hydraulic Tank Capacity	170 L (37.4 gal)
Fuel Tank Capacity - Diesel	160 L (35.2 gal)
Hydraulic System Pressure	28 MPa
Battery Spec (Quantity x voltage, capacity)	2 x 12 V,110 Ah
System Voltage	12 VDC
Weight	
Weight	17000 kg (37,479 lbs)
Standards compliance	

