

ENGINE POWERED TELESCOPIC BOOM LIFTS

TB18J PLUS (TB590J PLUS)

Compliant with GB / CE / EAC standards

PRODUCT HIGHLIGHTS

High Capacity

- Plus series boom lifts holds up to 454Kg (restricted)/300Kg (restricted)/250Kg (unrestricted) platform capacity allowing you to carry up to 3 occupants plus material and tools to get your job done easily

Oscillating Axle Function

- Both the active and inactive states have a oscillating axle function, allowing work on inclined 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		
Active oscillating axle function	7-in display screen	4WD × 2WS
Proportional control with 3 joysticks	Automotive-grade sleeves for all pipes	Weighing system
Hydraulic platform leveling	AC power to platform	Emergency stop system
Tilt protection system	Max tilt rating to 5°	Emergency lowering system
Flashing beacon	Horn & buzzer	Fault diagnosis system
Footswitch	2.44 m(8') platform with swinging gate	Foam-filled tires
Manual storage box	Telematics-ready connector	Secondary guarding device
Options & Accessories		
Foam-filled non-marking tires	Solid tires/Solid non-marking tires	1.45 m (4'9") platform
1.83 m(6') work platform	1.83 m(6') platform with swinging gate	Oil cooler
Platform work light	Half mesh (For platform with swinging gate)	

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Model	TB18J Plus (TB590J Plus)
Dimensions	
Max Platform Height	18.4 m (60'4")
Max Working Height	20.4 m (66'11")
Max Horizontal Reach (Restricted/Restricted/Unrestricted)	11.4 m/12.9 m/13.6 m (37'5"/42'4"/44'7")
A Machine Length (Stowed/Transport)	9.67 m/9.67 m (31'8"/31'8")
B Machine Width (Stowed/Transport)	2.42 m/2.42 m (7'11"/7'11")
C Machine Height (Stowed/Transport)	2.56 m/2.56 m (8'4"/8'4")
D Wheelbase	2.49 m (8'2")
Ground Clearance	0.41 m (1'4")
Platform Size (L×W×H)	2.44 m×0.91 m×1.1 m (8'×3'×3'7")
Performance	
Max Platform Capacity (Restricted/Restricted/Unrestricted)	454 kg/300 kg/250 kg (1,000 lbs/661 lbs/551 lbs)
Max Platform Occupants (Restricted/Unrestricted)	3 persons/2 persons/2 persons
Drive Speed (Stowed/Raised)	0 ~ 4.8 km/h (0 ~ 3 mph) 0 ~ 1.1 km/h (0 ~ 0.68 mph)
Gradeability	45%
Turntable Rotation	360° /Continuous
Platform Rotation	160°
Tilt Rating	5°
Turning Radius (Inside/Outside)	2.4 m/4.86 m (7'10"/15'11")
Turntable Tail-Swing	1.15 m (3'9")
Max Allowable Side Force	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)
Tire Spec/Type	33×12D610 (foam-filled) 33×12-20 (solid)
Power	
Drive × Steer	4WD × 2WS
Engine	35.5 kW /3000 rpm/4TNV88C-DFLT/Yanmar/EU stage V、 EPA Tier 4F
Hydraulic Tank Capacity	120 L (26.4 gal (UK)/ 31.7 gal (US))
Diesel Tank Capacity	110 L (24.2 gal (UK)/ 29.1 gal (US))
System Voltage	12 VDC
Weight	
Weight	8,750 kg (19,290 lbs)
Standards Compliance	GB/ CE / EAC

