

## ENGINE POWERED TELESCOPIC BOOM LIFTS

# TB18J PLUS (TB590J PLUS)/TB20J PLUS (TB660J PLUS)/TB22J PLUS (TB740J PLUS)

Compliant with CE/ANSI/CSA/AS/EAC standards

## PRODUCT HIGHLIGHTS

### High Capacity

- Plus series boom lifts hold up to 1,000 lb (restricted)/ 661lb (unrestricted) platform capacity allowing you to carry up to 3 occupants plus material and tools to get your job done easily

### Oscillating Function

- Both the active and inactive states have a oscillating 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 function	7-in display screen	4WD × 2WS
Proportional control with 3 joysticks	Automotive-grade sleeves for all pipes	Weighing system
Hydraulic platform leveling	160° Platform rotation	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	Foam-filled non-marking tires
Manual storage box		
Options & Accessories		
AC power to platform	Solid tires	1.45 m (4'9") platform
1.83 m(6') work platform	1.83 m(6') /2.44 m(8') platform with swinging gate	Platform work light
Glazier kit(For platform with swinging gate)	Half mesh (For platform with swinging gate)	Telematics-ready connector
Secondary guarding device	Overhead anti-collision device	

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Model	TB18J Plus (TB590J Plus)	TB20J Plus (TB660J Plus)	TB22J Plus (TB740J Plus)
<b>Dimensions</b>			
Max Platform Height	18.4 m (60'4")	20 m (65'7")	22.5 m (74')
Max Working Height	20.4 m (66'11")	22 m (72'2")	24.5 m (80'5")
Max Horizontal Reach	11.4 m /12.9 m (37'5"/42'4")	14.6 m/16.1m (47'11"/52'10")	14.0 m/15.8 m (45'11"/51'10")
A Stowed Length	9.67 m (31'8")	9.99 m (32'9")	10.68 m (35')
B Stowed Width	2.42 m (7'11")	2.49 m (8'2")	2.49 m (8'2")
C Stowed Height	2.56 m (8'4")	2.79 m (9'2")	2.81 m (9'2")
Stowed Length (Transport)	9.67 m (31'8")	8.12 m (26'8")	8.81 m (28'11")
Stowed Width (Transport)	2.42 m (7'11")	2.49 m (8'2")	2.49 m (8'3")
Stowed Height (Transport)	2.56 m (8'4")	2.77 m (9'1")	2.93 m (9'7")
D Wheelbase	2.49 m (8'2")	2.49 m (8'2")	2.49 m (8'2")
Ground Clearance	0.41 m (1'4")	0.46 m (1'6")	0.46 m (1'6")
Platform Size (L×W×H)	2.44 m×0.91 m×1.1 m (8'×3'×3'7")	2.44 m×0.91 m×1.1 m (8'×3'×3'7")	2.44 m×0.91 m×1.1 m (8'×3'×3'7")
<b>Performance</b>			
Max Platform Capacity(Restricted/Unrestricted)	454 kg/300 kg (1,000 lbs/661 lbs)	454 kg/300 kg (1,000 lbs/661 lbs)	454 kg/300 kg (1000 lbs / 661 lbs)
Max Platform Occupants(Restricted/Unrestricted)	3 persons/ 2 persons	3 persons/ 2 persons	3 persons/2 persons
Drive Speed (Stowed)	0~4.8 km/h (0~3 mph)	0~4.8 km/h (0~3 mph)	0~4.8 km/h (0~3 mph)
Drive Speed (Raised)	0~1.1 km/h (0~0.68 mph)	0~1.1 km/h (0~0.68 mph)	0~1.1 km/h (0~0.68 mph)
Gradeability	45%	45%	45%
Turntable Rotation	360°/Continuous	360°/Continuous	360°/Continuous
Platform Rotation	160°	160°	160°
Tilt Rating	5°	5°	5°
Turning Radius (Inside/Outside)	2.4 m/4.86 m (7'10"/15'11")	2.4 m/5.55 m (7'10"/18'3")	2.4 m/5.55 m (7'10"/18'3")
Turntable Tail-Swing	1.15 m (3'9")	1.45 m (4'9")	1.45m (4'9")
Max Allowable Side Force	400 N (90 lbf)	400 N (90 lbf)	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)	12.5 m/s (28 mph)	12.5 m/s (28 mph)
Tire Spec/Type	33×12D610 (Foam-filled)	355/55D625 (Foam-filled)	355/55D625 (Foam-filled)
<b>Power</b>			
Drive × Steer	4WD × 2WS	4WD × 2WS	4WD × 2WS
Engine	34.5 kW /3000 rpm/4TNV88-BDFLTC/ Yanmar/China T3	43 kW/2500 rpm/ QSF2.8t3NA60/ Cummins/China T3	43 kW/2500 rpm/ QSF2.8t3NA60/ Cummins/China T3
Hydraulic Tank Capacity	120 L (26.4 gal(UK)/ 31.7 gal(US))	180 L (39.6 gal(UK)/47.6 gal(US))	180 L (39.6 gal(UK)/47.6 gal(US))
Diesel Tank Capacity	110 L (24.2 gal(UK)/ 29.1 gal(US))	140 L (30.8 gal(UK)/37 gal(US))	140 L (30.8 gal(UK)/37 gal(US))
System Voltage	12 VDC	12 VDC	12 VDC
<b>Weight</b>			
Weight	8,750 kg (19,290 lbs)	11,900 kg (26,235 lbs)	12,225 kg (26,952 lbs)
Standards Compliance	CE/EAC	CE/ANSI/CSA/AS/EAC	CE /ANSI/CSA/EAC

