

ENGINE POWERED TELESCOPIC BOOM LIFTS

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

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

PRODUCT HIGHLIGHTS

High Capacity

- Plus series boom lifts holds 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	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	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	2.44 m(8') platform with swinging gate
Glazier kit(For platform with swinging gate)	Half mesh (For platform with swinging gate)	Platform work light
Overhead anti-collision device	Hydraulic generator s(TB20J Plus & TB22J Plus)	

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Model	TB18J Plus (TB590J Plus)	TB20J Plus (TB660J Plus)	TB22J Plus (TB740J Plus)
Dimensions			
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 (Restricted/Restricted/Unrestricted)	11.4 m/12.9 m/13.6 m (37'5"/42'4"/44'7")	14.6 m/16.1 m/17.2 m (47'11"/52'10"/56'5")	14.0 m/15.8 m/16.7 m (45'11"/51'10"/54'9")
A Machine Length (Stowed/Transport)	9.67 m/9.67 m (31'8"/31'8")	9.99 m/8.12 m (32'9"/26'8")	10.68 m/8.81 m (35'/28'11")
B Machine Width (Stowed/Transport)	2.42 m/2.42 m (7'11"/7'11")	2.49 m/2.49 m (8'2"/8'2")	2.49 m/2.49 m (8'2"/8'2")
C Machine Height (Stowed/Transport)	2.56 m/2.56 m (8'4"/8'4")	2.79 m/2.77 m (9'2"/9'1")	2.81 m/2.93 m (9'3"/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")
Performance			
Max Platform Capacity (Restricted/Restricted/Unrestricted)	454 kg/300 kg/250 kg (1,000 lbs/661 lbs/551 lbs)	454 kg/300 kg/250 kg (1,000 lbs/661 lbs/551 lbs)	454 kg/300 kg/250 kg (1,000 lbs/661 lbs/551 lbs)
Max Platform Occupants (Restricted/Unrestricted)	3 persons/2 persons/2 persons	3 persons/2 persons/2 persons	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%	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) 33×12-20 (solid)	355/55D625 (foam-filled) 36×14-20 (solid)	355/55D625 (foam-filled) 36×14-20 (solid)
Power			
Drive × Steer	4WD × 2WS	4WD × 2WS	4WD × 2WS
Engine	34.5 kW /3000 rpm/4TNV88-BDFLTC/ Yanmar/ China T3 35.5 kW /3000 rpm/4TNV88C-DFLT/ Yanmar/EU stage V、EPA Tier 4F 35.3 kW /3000 rpm/4TNV88-ZDCSCI/ Yanmar/ China T4	43 kW/2500 rpm/ QSF2.8t3NA60/Cummins/China T3 36.4 kW/2600 rpm/ D2.9 L4/Deutz/EU stage V、EPA Tier 4F 36.8 kW/ 2200 rpm/ YCF3050-T420-3040G1/Yuchai/China T4	
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))	150 L (33.0 gal(UK)/39.6 gal(US))	150 L (33.0 gal(UK)/39.6 gal(US))
System Voltage	12 VDC	12 VDC	12 VDC
Weight			
Weight	8,750 kg (19,290 lbs)	11,900 kg (26,235 lbs)	12,225 kg (26,952 lbs)
Standards Compliance	GB/ CE / EAC	GB/ EAC / CE / ANSI / CSA	GB/ EAC / CE / ANSI / CSA

