

ELECTRIC TELESCOPIC BOOM LIFTS

TB18EJ PLUS(TB590EJ PLUS)/TB20EJ PLUS(TB660EJ PLUS)/TB22EJ PLUS(TB740EJ PLUS)

Compliant with CE/ANSI/CSA/EAC standards

PRODUCT HIGHLIGHTS

Green

- Comfortable working environment without noise pollution, meet indoor or emissions-critical site requirements

Precision Performance

- Three full-scale joysticks for gradual proportional control, Operate with smooth starting and stopping and precision approach to your worksite target
- The Sinoboom IoT system and intelligent 7-inch screen can efficiently control the use and behavior of the equipment

Economical

- Battery quality assurance, low failure rate and reduced maintenance costs compared with diesel power, which reduces overall operating costs

Strong Site Passing Performance

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



Standard Features

Active oscillating axle	7-in display screen	4WD x 2WS
Proportional control with 3 joysticks	Automotive-grade sleeves for all pipes	4-wheel brake
Hydraulic platform leveling	160° Platform rotation	Weighing system
Tilt protection system	Max tilt rating to 5°	Emergency stop system
Flashing beacon	Horn & buzzer	Emergency lowering system
Footswitch	2.44m(8') platform	Fault diagnosis system
Foam-filled non-marking tires	Manual storage box	

Options & Accessories

AC power to the platform	Solid tires	1.45m (4'9") platform
1.83m(6') work platform	2.44m(8') platform with swinging gate	Platform work light
Secondary guarding device	Overhead anti-collision device	Glazier kit(for platform with swinging gate)
Telematics-ready connector	Half mesh (for platform with swinging gate)	

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Model	TB18EJ PLUS(TB590EJ PLUS)	TB20EJ PLUS(TB660EJ PLUS)	TB22EJ PLUS(TB740EJ PLUS)
Dimensions			
Max Platform Height	18.4 m (60'4")	20 m (65'7")	22.5 m (73'10")
Max Working Height	20.4 m (66'11")	22 m (72'2")	24.5 m (80'5")
Max Horizontal Reach (Restricted/Unrestricted)	11.7 m/13.2 m(38'5"/43'4")	13.85 m/15.4 m (45'5"/50'6")	12.7m/14.3m (41'8"/46'11")
A Stowed Length	9.67 m (31'8")	9.99 m (32'9")	10.68 m (35'0")
B Stowed Width	2.42 m (7'11")	2.49 m (8'2")	2.49 m(8'2")
C Stowed Height	2.56 m (8'5")	2.79 m (9'2")	2.81m(9'3")
Stowed Length (Transport)	8.71 m (28'7")	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' 2")
Stowed Height (Transport)	2.93 m (9'7")	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	0.34 m (1'1")	0.39 m(1' 3")	0.39 m (1'3")
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/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	35%	35%	35%
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")	1.45 m (4'9")
Max Allowable Side Force	400 N(90 lbf)	400 N (90lbf)	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s(28 mph)	12.5 m/s (28mph)	12.5 m/s (28 mph)
Tire Spec/Type	33×12D610 (foam-filled)	355/55D625 (foam-filled)	355/55D625 (foam-filled)
Power			
Drive × Steer	4WDx2WS	4WDx2WS	4WDx2WS
Batteries	48 V, 480 Ah(lead acid battery)	48 V, 480 Ah (lead acid battery) 48 V, 528 Ah (lithium battery)	48 V, 480 Ah (lead acid battery) 48 V, 528 Ah (lithium battery)
Hydraulic Tank Capacity	120 L (26.4 gal(UK)/31.7 gal(US))	180L(39.6 gal (UK)/47.6 gal (US))	180 L (39.6 gal (UK)/47.6 gal (US))
System Voltage	48 VDC	48 VDC	48 VDC
Weight			
Weight	9,600 kg(21,164 lbs)	11,950 kg(26, 345 lbs)	12,260 kg(27,029lbs)
Standards Compliance		CE/EAC	CE/ANSI/EAC
		CE/EAC	CE/EAC

