

ELECTRIC TELESCOPIC BOOM LIFTS

TB18EJ PLUS(TB590EJ PLUS)

Compliant with GB / CE / 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 cost

Oscillating Function

- 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	Manual storage box	Fault diagnosis system
Foam-filled non-marking tires	2.44m(8') platform with swinging gate	Secondary guarding device
Telematics-ready connector		

Options & Accessories

AC power to the platform	Solid tires	1.45m (4'9") platform
1.83m(6') work platform	Half mesh (for platform with swinging gate)	Platform work light
Range Extender (for TB20EJ Plus & TB22EJ Plus)	Overhead anti-collision device	Glazier kit(for platform with swinging gate)
Lithium battery		

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Model	TB18EJ PLUS(TB590EJ PLUS)
Dimensions	
Max Platform Height	18.4 m (60'4")
Max Working Height	20.4 m (66'11")
Max Horizontal Reach(Restricted/Restricted/Unrestricted)	11.7 m/13.2 m/13.9m (38'5"/43'4"/45'7")
A Stowed Length	9.67 m (31'8")
B Stowed Width	2.42 m (7'11")
C Stowed Height	2.56 m (8'5")
Stowed Length (Transport)	8.71 m (28'7")
Stowed Width (Transport)	2.42 m (7'11")
Stowed Height (Transport)	2.93 m (9'7")
D Wheelbase	2.49 m (8'2")
Ground Clearance	0.29 m (11.4")
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/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	35%
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
Batteries	2×24V,480Ah(5hr) (lead acid battery) 51.2 V, 500 Ah (lithium battery)
Hydraulic Tank Capacity	120 L (26.4 gal (UK)/31.7 gal (US))
System Voltage	48V DC(lead acid battery) 51.2V DC(lithium battery)
Weight	
Weight	9,600 kg (21,164 lbs)
Standards Compliance	GB/CE/EAC

