

ELECTRIC TELESCOPIC BOOM LIFT

TB20EJ PLUS (TB660EJ PLUS)/ TB22EJ PLUS (TB730EJ PLUS)

Compliance with ISO/CE/ANSI/CSA 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.

Equipped with Horizontal-Vertical (HV) function, for intelligent control of boom luffing and telescoping. The trace is arc-shaped, and can be automatically controlled as a straight line.

The telematics 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.

Strong site passing performance

Both the stowed and raised states have an oscillating function, allowing work to be performed on inclines and uneven ground.



Standard features		
Platform hydraulic levelling	Overload sensing system	Patented anti-slip system by flow divider/combiner valve
Platform 160° hydraulic rotation	7" display screen	4-wheel brake
Drive enable system	Fault diagnosis system	Emergency brake release
3 joysticks with variable proportional control	Emergency stop system	4WDx2WS
Automotive-grade full pipework protection	Emergency lowering system	Oscillating system
Horn and buzzer alarms	Max allowable inclination up to 5°	Foam-filled tyres
Rotating warning lamp	Auxiliary power	Footswitch
Tilt protection		2.44m(8'1") platform
Optional features		
1.45m (4'9") work platform	Telematics	AC cable to platform
1.83m (6') work platform	Platform work light	Overhead anti-collision device
Solid non-marking/foam filled non-marking tyres	Hydraulic Generator	Swing type tri-gate platform
Anti-crush device	HV	

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Model	TB20EJ Plus (TB660EJ Plus)	TB22EJ Plus (TB730EJ Plus)
Dimensions		
Maximum platform height	20 m(65'7")	22.5 m(74')
Maximum working height	22 m(72'2")	24.5m(80'5")
Maximum horizontal extension (Restricted/Unrestricted)	13.85m / 15.4 m(45'5" /50'6")	12.7m/14.3 m(41'8" /46'11")
A Stowed length	9.99 m (32'9")	10.68m(35')
B Stowed width	2.49m (8'2")	2.49 m(8'2")
C Stowed height	2.79m (9'2")	2.81 m(9'3")
D Wheelbase	2.49 m(8'2")	2.49 m(8'2")
Ground clearance	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'x3'x3'7")	
Performance		
Rated loading capacity (Restricted/Unrestricted)	454kg/300kg(1,000 lbs/661 lbs)	454kg/300kg(1,000 lbs/661 lbs)
Turntable rotation (angle/continuous)	360 °/continues	360 °/continues
Platform rotation angle	160 °	160 °
Maximum travel speed - stowed state	4.8 km/h(3 mph)	4.8 km/h(3 mph)
Maximum travel speed—lifting state	1.1 km/h(0.68 mph)	1.1 km/h(0.68 mph)
Gradeability (4WD)	35%	35%
Turning radius(Inner/Outer)	2.4 m/5.55 m (7'10"/18'3")	2.4 m/5.55 m (7'10"/18'3")
Turntable tail sweep	1.45 m (4'9")	1.45 m (4'9")
Allowable inclination angle	5 °	5 °
Maximum allowable wind speed	12.5 m/s (28 mph)	12.5 m/s (28 mph)
Maximum allowable lateral force (Restricted/Unrestricted)	600N/400 N (134 lbf/90 lbf)	600N/400 N (134 lbf/90 lbf)
Drive × Steering	4WDx2WS	
Tire size/type	355/65D625(foam filled)	355/65D625(foam filled)
Power		
Hydraulic tank volume	170L(37.4 gal(UK)/44.9 gal(US))	170L(37.4 gal(UK)/44.9 gal(US))
Battery Specifications (Quantity × Voltage, Capacity)	2×24 V,480 Ah	2×24 V,480 Ah
System voltage	48 VDC	48 VDC
Control voltage	12 VDC	12 VDC
Weight		
Weight	11,502 kg(25,358 lbs)	12,260kg (27,029 lbs)
Standards compliance		CSO/CE/ANSI/CSA

