

ELECTRIC TELESCOPIC BOOM LIFT

SB28TJE

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

3 joysticks with variable proportional control, operate with smooth starting and stopping and precision approach to your worksite target.

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



Standard features

Platform hydraulic levelling	Overload sensing system	Foam filled non-marking tyres
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
Vehicle industry level full wirely and pipe protection	Emergency lowering system	Oscillating system
Horn and buzzer alarms	Max allowable inclination up to 5°	Footswitch
Rotating warning lamp	Auxiliary power	2.44m (8'1") platform
Tilt protection		

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 tyres	Hydraulic Generator	Swing type tri-gate platform
Anti-crush device	HV function	

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Model	SB28TJE	TB28EJ Plus (TB910EJ Plus)
Dimensions		
Maximum platform height	26.3 m(86'3")	27.6 m(90'7")
Maximum working height	28.3 m(92'10")	29.6m(97'1")
Maximum horizontal extension (Restricted/Unrestricted)	18.65m / 20.6 m(61'2"/67'7")	18.65m/20.6 m(61'2"/67'7")
A Stowed length	12.5m(41')	12.5m(41')
B Stowed width	2.49 m(8'2")	2.49 m(8'2")
C Stowed height	2.88m(9'5")	2.88m(9'5")
D Wheelbase	3 m(9'10")	3 m(9'10")
Ground clearance	0.36 m(1'6")	0.36 m(1'6")
Platform size (LxWxH)	2.44 mx0.91 mx1.1 m(8'x3'x3'7")	2.44 mx0.91 mx1.1 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)	45%	45%
Turning radius(Inner/Outer)	3.65 m/6.91 m (12'/22'8")	3.65 m/6.91 m (12'/22'8")
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 x Steering	4WDx2WS	
Tire size/type	385/65-22.5 (foam filled)	385/65-22.5 (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)	2x40 V,480 Ah	2x40 V,480 Ah
System voltage	80 VDC	80 VDC
Control voltage	12 VDC	12 VDC
Weight		
Weight	18,059kg(39,813 lbs)	18,119kg(39,946 lbs)
Standards compliance		ISO/CE/ANSI/CSA

