

## 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 function           | 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 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) |
| Lithium battery           | 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)  |
|--|--|--|--|
| <b>Dimensions</b>                                |  |  |  |
| 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")                                   |
| <b>Performance</b>                               |  |  |  |
| 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)   |
| <b>Power</b>                                     |  |  |  |
| Drive × Steer                                    | 4WDx2WS  | 4WDx2WS  | 4WDx2WS  |
| Batteries  | 48 V, 480 Ah(lead acid battery)<br>48 V, 500 Ah(lithium battery) | 48 V, 480 Ah (lead acid battery)<br>48 V, 500 Ah (lithium battery) | 48 V, 480 Ah (lead acid battery)<br>48 V, 500 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   |
| <b>Weight</b>                                    |  |  |  |
| Weight   | 9,600 kg(21,164 lbs)   | 11,950 kg(26,345 lbs)  | 12,260 kg(27,029lbs)   |
| Standards Compliance                             |  | CE/EAC   | CE/ANSI/CSA/EAC  |
|  |  | CE/EAC   | CE/EAC   |

