

## ENGINE POWERED TELESCOPIC BOOM LIFTS

# TB20J PLUS(TB660J PLUS) / TB22J PLUS(TB730J PLUS)

Compliance with ISO/CE/ANSI/EAC standards

## PRODUCT HIGHLIGHTS

### High Capacity

Plus series boom lifts holds up to 1,000lb (restricted) platform capacity allowing you to carry up to 3 occupants plus material and tools to get your job done easily.

### Oscillating Function

Both the stowed and raised position have a oscillating function, allowing work on inclined and uneven ground.

### High Capacity

Plus series boom lifts holds up to 454kg(1,000lb) restricted platform capacity allowing you to carry up to 3 occupants plus material and tools to get your job done easily.

### Precision Performance

The upper control box is equipped with 3 full-proportional handles for gradual control of boom lifting, telescoping, turntable rotation and driving speed. Operate with smooth starting and stopping and precision approach to your worksite target.



#### Standard features

|  |                                       |  |
|--|---------------------------------------|--|
| Platform hydraulic levelling                   | 7" screen                             | Dual-speed drive motor                                   |
| Platform 160° hydraulic rotation               | Safety controller                     | Patented anti-slip system by flow divider/combiner valve |
| Drive enable system                            | Fault diagnosis system                | Foam filled tyres  |
| 3 joysticks with variable proportional control | Swing-out engine                      | 4-wheel brake  |
| Horn and buzzer alarms                         | Engine restart protection             | Emergency brake release                                  |
| Rotating warning lamp                          | Engine malfunction automatic shutdown | 4WDx2WS  |
| Tilt protection                                | Engine preheating                     | Oscillating system                                       |
| Overload sensing system                        | Emergency stop system                 | 360° continuous turntable rotation                       |
| Max allowable inclination up to 5°             | Emergency lowering system             | 2.44m(8'1") platform                                     |

#### Optional features

|                               |                                |  |
|-------------------------------|--------------------------------|--|
| 1.45m (4'9") work platform    | AC power to platform           | Telematics                               |
| 1.83m (6') work platform      | Hydraulic generator            | Platform work light                      |
| Solid non-marking tyres       | Overhead anti-collision device | 2.44m(8'1") swing type tri-gate platform |
| Foam-filled non-marking tyres | Anti-crushing                  |  |

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**TB20J PLUS(TB660J PLUS) / TB22J PLUS(TB730J PLUS)**

Compliance with ISO/CE/ANSI/EAC standards

| Model  | TB20J Plus(TB660J Plus)  | TB22J Plus (TB730J Plus)              |
|--|--|---------------------------------------|
| <b>Dimensions</b>                                      |  |                                       |
| Max Platform Height                                    | 20 m (65'7")   | 22.5m (74')                           |
| Max Working Height                                     | 22 m (72'2")   | 24.5 m (80'5")                        |
| Max Horizontal Extension(Restricted/Unrestricted)      | 14.6m(47'11")/16.1 m (52'10")  | 14 m (45'11")/15.8m(51'10")           |
| A Length-Stowed  | 9.99 m (32'9")   | 10.68 m (35')                         |
| B Width-Stowed   | 2.49 m (8'2")  | 2.49 m (8'2")                         |
| C Height-Stowed  | 2.79 m (9'2")  | 2.81 m (9'3")                         |
| D Wheelbase  | 2.49 m (8'2")  | 2.49 m (8'2")                         |
| Ground Clearance                                       | 0.46 m (1'6")  | 0.46 m (1'6")                         |
| Platform Dimensions (LxWxH)                            | 2.44 x 0.91 x 1.1 m (8'x 3' x 3'7")  | 2.44 x 0.91 x 1.1 m (8'x 3' x 3'7")   |
| <b>Performance</b>                                     |  |                                       |
| Platform Capacity (Restricted/Unrestricted)            | 454 kg/300 kg (1,000 lbs/661 lbs)  | 454 kg/300 kg (1,000 lbs/661 lbs)     |
| Platform Allowable Occupants (Restricted/Unrestricted) | 3persons /2 persons  | 3 persons /2 persons                  |
| Turntable Rotation                                     | 360°/continuous  | 360°/continuous                       |
| Platform Rotation                                      | 160°   | 160°                                  |
| Drive Speed - Stowed                                   | 4.8 km/h (3mph)  | 4.8 km/h (3mph) (4WD)                 |
| Drive Speed - Raised                                   | 1.1 km/h (0.68mph)   | 1.1 km/h (0.68mp)                     |
| Gradeability   | 45%  | 45%                                   |
| Turning Radius (Inside/Outside)                        | 2.4 m/5.6m (7'11" /18'3")  | 2.4 m/5.6m (7'11" /18'3")             |
| Turntable Tailswing                                    | 1.45m (4'9")   | 1.45 m (4'9")                         |
| Tilt Rating  | 5°   | 5°                                    |
| Tire Spec/Type   | 355/65D625 (Foam filled)   | 355/65D625 (Foam filled)              |
| <b>Power</b>   |  |                                       |
| Drive x Steer  | 4WD x 2WS  | 4WD x 2WS                             |
| Engine   | Cummins QSF2.8t3NA60,43kW, Tier3/ EU Stage 3A<br>Deutz D2.9 L4, 36.4kW, EU Stage 5<br>Deutz TD2.9L4, 55.4kW TF4,US EPA |                                       |
| Hydraulic Tank Capacity                                | 170 L (37.4 gal(UK)/44.9 gal(US))  | 170 L (37.4 gal(UK)/44.9 gal(US))     |
| Fuel Tank Capacity – Diesel                            | 160 L (35.2 gal(UK)/42.3 gal(US))  | 160 L (35.2 gal(UK)/42.3 gal(US))2×12 |
| Battery (Number×Voltage, Capacity)                     | 2x12 V,110 Ah  | 2x12 V,110 Ah                         |
| System Voltage   | 12 VDC   | 12 VDC                                |
| <b>Weight</b>  |  |                                       |
| Weight   | 12,225 kg (26,952 lbs)   | 12,235 kg(26,974 lbs)                 |
| Standards compliance                                   |  | ISO/ CE /ANSI/ EAC                    |

