TB42/TB50
Telescopic Boom Lifts

FEATURES

• 43 ft. 6 in. (13.26 m) and 50 ft. (15.24 m) maximum platform heights

• 650 lbs. (295 kg) and 500 lbs. (227 kg) maximum platform capacities

• Unique drive system provides excellent mobility

• 4-wheel drive, oscillating axle standard

• Microprocessor controller for exceptional reliability and serviceability

• Articulating jib on TB50

• Quick change platform arrangement simplifies platform removal or replacement

• Choice of water-cooled Electronic Fuel Injection gasoline engine or diesel air-cooled engine. Both equipped with anti-restart

• 5-year structural warranty, 1-year parts and labor warranty

• Terex Support Plus product service

simple, available and cost effective™
**TEREX TB42 / TB50 SPECIFICATIONS**

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty applicable to the particular product and sale. We make no other warranty, expressed or implied.

### STANDARD EQUIPMENT

- **Choice of Deutz 42 hp (31.3 kW) F3L1011F diesel engine or Ford LRG425 66 hp (49.2 kW) gasoline engine with dual fuel kit**
- Four wheel drive
- Oscillating axle
- All-wheel, high strength booms
- All function auxiliary power
- Swing gate
- Positive ignition start switch
- Infinitely variable proportional controls
- Energy efficient hydraulic system w/load sensing and pressure compensating capabilities
- Engine anti-restart system
- Automatic platform leveling
- 110 or 220 VAC wiring and GFI receptacle to platform
- Multi-axial slope sensor with alarm
- Fluid level indicators
- Auxiliary controls at ground level
- Quick change all steel work platform
- Recessed platform top rail
- Lanyard eyeslets for safety harness attachment
- Guarded foot and hand controls with return to neutral feature
- Emergency all-power shut down switch on console
- Fully accessible hydraulic/electric componentry
- Monofilled tires
- Lifting lugs
- Hourmeter
- All motion alarm
- Flashing amber beacon
- Totally enclosed external power track
- Articulating jib (TB50 only)
- Terex Support Plus product service

### OPTIONS

- **8' (2.44 m) Universal platform** (In place of standard 6' (1.83 m) – TB42 only)
- **Compressed air line to platform** – 1/2" (1.27 cm) with hose reel
- **Hydraulic line to platform with hose reel**
- **4-wheel steer**
- **Towing package (Includes tow bar)** – Fixed axle machines only
- **Hostile environment package**
- **120V AC generator**
- **220V AC generator**
- **Head or tail lights**
- **Directional correcting controls**
- **Platform work light**
- **Spark arrestor muffler** (Standard on Cummins engine)
- **Push button warning horn**
- **EC Compliance Package**

For more information, product demonstration, or details on lease and rental plans, please contact your local Terex Aerials Distributor.

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### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>TB42</th>
<th>TB50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height - Working (maximum)</td>
<td>49’6” (15.09 m)</td>
<td>56’ (17.07 m)</td>
</tr>
<tr>
<td>Platform (maximum)</td>
<td>43’6” (13.26 m)</td>
<td>50’ (15.24 m)</td>
</tr>
<tr>
<td>Stowed</td>
<td>7’1” (2.18 m)</td>
<td>7’1” (2.16 m)</td>
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<tr>
<td>Length (stowed)</td>
<td>25’10-3/4” (7.89 m)</td>
<td>28’-8-1/2” (8.75 m)</td>
</tr>
<tr>
<td>Width (maximum)</td>
<td>7’11” (2.41 m)</td>
<td>7’11” (2.41 m)</td>
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<tr>
<td>Horizontal Reach</td>
<td>37” (11.28 m)</td>
<td>43” (13.11 m)</td>
</tr>
<tr>
<td>Boom Angle - Above Horizontal</td>
<td>75°</td>
<td>75°+15° Articulating</td>
</tr>
<tr>
<td>Below Horizontal</td>
<td>-16°</td>
<td>-16°-80° Articulating</td>
</tr>
<tr>
<td>Std. Platform Dimensions</td>
<td>72” x 36” x 44” (1.83 m x 0.91 m x 1.12 m)</td>
<td>72” x 36” x 44” (1.83 m x 0.91 m x 1.12 m)</td>
</tr>
<tr>
<td>Load Capacity (maximum)</td>
<td>650 lbs. (295 kg)</td>
<td>500 lbs (227 kg)</td>
</tr>
<tr>
<td>Opt. Platform Dimensions</td>
<td>96” x 36” x 44” (2.44 m x 0.91 m x 1.12 m)</td>
<td>N/A</td>
</tr>
<tr>
<td>Load Capacity (maximum)</td>
<td>600 lbs. (272 kg)</td>
<td>N/A</td>
</tr>
<tr>
<td>Platform Rotation</td>
<td>160°</td>
<td>160°</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>8’0” (2.44 m)</td>
<td>8’0” (2.44 m)</td>
</tr>
<tr>
<td>Wheel Track</td>
<td>6’10” (2.08 m)</td>
<td>6’10” (2.08 m)</td>
</tr>
<tr>
<td>Turret Tailswing</td>
<td>33” (0.84 m)</td>
<td>33” (0.84 m)</td>
</tr>
<tr>
<td>Turret Rotation</td>
<td>360° Continuous</td>
<td>360° Continuous</td>
</tr>
<tr>
<td>Turning Radius - Outside Curb</td>
<td>16’ (4.88 m)</td>
<td>16’ (4.88 m)</td>
</tr>
<tr>
<td>Travel Speed</td>
<td>0 - 3.0 mph (0 - 4.83 km/h)</td>
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</tr>
<tr>
<td>Gradeability*</td>
<td>35% (19 deg)</td>
<td>25% (14 deg)</td>
</tr>
<tr>
<td>70% (35 deg) - Opt. 4WD</td>
<td>50% (27 deg) - Opt. 4WD</td>
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</tbody>
</table>

### CONTROLS

- **Boom Functions**
  - Proportional
  - Proportional

- **Drive**
  - Proportional
  - Proportional

- **Power Source**
  - Water-cooled EFI **gasoline 66 hp (49.2 kW)
  - Water-cooled EFI **gasoline 66 hp (49.2 kW)

- **Fuel Tank Capacity**
  - 25 gal. (95 L)
  - 25 gal. (95 L)

- **Hydraulic System**
  - Load sensing pressure compensating
  - Load sensing pressure compensating

- **Reservoir Capacity**
  - 38 gal. (144 L)
  - 38 gal. (144 L)

- **Tires (Air Boss)**
  - 12 x 16.5 10 ply
  - 12 x 16.5 10 ply

- **Ground Clearance**
  - 10.5” (0.27 m)
  - 10.5” (0.27 m)

- **Approx. Shipping Weight**
  - 13,050 lbs. (5920 kg)
  - 15,900 lbs. (7212 kg)

*Gradeability data is theoretical and is limited by tire slip, stability, or engine oil pan design.

**Electronic Fuel Injection

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For more information, product demonstration, or details on lease and rental plans, please contact your local Terex Aerials Distributor.