## Specifications

### Models

#### Z™-45/25 DC & Bi

<table>
<thead>
<tr>
<th>Measurements</th>
<th>Metric</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>15.87 m</td>
<td>51 ft 6 in</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>13.87 m</td>
<td>45 ft 6 in</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>7.62 m</td>
<td>25 ft</td>
</tr>
<tr>
<td>Up-and-over clearance maximum</td>
<td>7.04 m</td>
<td>23 ft 1 in</td>
</tr>
<tr>
<td>Platform length</td>
<td>7.6 cm</td>
<td>2 ft 6 in</td>
</tr>
<tr>
<td>Platform width</td>
<td>2.03 m</td>
<td>6 ft 8 in</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>2 m</td>
<td>6 ft 7 in</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>5.56 m</td>
<td>18 ft 3 in</td>
</tr>
<tr>
<td>Width</td>
<td>1.79 m</td>
<td>5 ft 10.5 in</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>2.03 m</td>
<td>6 ft 8 in</td>
</tr>
<tr>
<td>Ground clearance - centre</td>
<td>24 cm</td>
<td>9.5 in</td>
</tr>
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#### Z™-45/25J DC & Bi

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<tr>
<td>Working height maximum*</td>
<td>15.94 m</td>
<td>51 ft 9 in</td>
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### Productivity

- **Lift capacity**: 227 kg (500 lbs)
- **Platform rotation**: 180°
- **Vertical jib rotation**: 135° (+78°/-57°)
- **Turntable rotation**: 355° non-continuous
- **Drive speed - stowed**: 4.8 km/h (3.0 mph)
- **Drive speed - raised****: 30 cm/s (1 ft/s)
- **Gradeability - stowed***: 30%
- **Turning radius - inside**: 1.80 m (6 ft)
- **Turning radius - outside**: 4.23 m (14 ft)
- **Controls**: 24 V DC proportional
- **Tyres (foam filled)**: 23 x 37 cm (9 x 14.5 in)

### Power

- **Power source - DC**: 48 V DC (eight 6 V batteries, 350 Ah capacity)
- **Power source - Bi-Energy**: 48 V DC (eight 6 V batteries, 350 Ah capacity) with Kubota 13.3 hp (9.9 kW) diesel driven alternator
- **Auxiliary power unit**: 24 V DC
- **Hydraulic tank capacity**: 30.3 L (8 gal)
- **Fuel tank capacity**: 34.1 L (9 gal)

### Sound & Vibration Levels

- **Sound pressure level (ground workstation)**: <70 dBA (DC) 78 dBA (Bi)
- **Sound pressure level (platform workstation)**: <70 dBA (DC) 76 dBA (Bi)
- **Vibration**: <2.5 m/s² <8 ft 2 in/s²

### Weight****

- **CE DC (foam filled tyres)**: 6,963 kg (15,350 lbs) 7,394 kg (16,300 lbs)
- **CE Bi-energy (foam filled tyres)**: 7,190 kg (15,850 lbs) 7,620 kg (16,800 lbs)

### Standards Compliance

- EU Machinery Directive 2006/42/EC
- EMC Directive 2004/108/EC EN 61000-6-2, EN 61000-6-4
- EU Noise Directive 2000/14/EC EN ISO 3744

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* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.
** In lift mode (platform raised), the machine is designed to operate on firm, level surfaces only.
*** Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings.
**** Weight will vary depending on options and/or country standards.
Features

**EASILY CONFIGURED TO MEET YOUR NEEDS**

**PLATFORM OPTIONS**
- Steel 1.83 m (6 ft) (standard)
- 1.83 m (6 ft) tri-entry steel platform (option)

**JIB OPTIONS**
- Non-jib
- Articulating 1.52 m (5 ft) jib boom

**POWER**
- 48 V DC (eight 6 V 350 Ah batteries)

**DRIVE**
- 2x4

**BATTERY CHARGING OPTIONS**
- 25 Amp 48 V onboard charger
- Onboard alternator powered by Kubota diesel 9.9 kW (13.3 hp) engine

**TYRE OPTIONS**
- Industrial foam-filled (standard)
- Industrial non-marking foam-filled

**STANDARD FEATURES**

**MEASUREMENTS**

\[ Z™-45/25 \]
- 15.87 m (52 ft 6 in) working height
- 7.62 m (25 ft) horizontal reach
- 7.04 m (23 ft 1 in) up-and-over clearance
- Up to 227 kg (500 lb) lift capacity

\[ Z™-45/25J \]
- 15.94 m (51 ft 9 in) working height
- 7.65 m (25 ft 1 in) horizontal reach
- 7.04 m (23 ft 1 in) up-and-over clearance
- Up to 227 kg (500 lb) lift capacity

**PRODUCTIVITY**
- Self-levelling platform
- Hydraulic platform rotation
- Fully proportional controls
- Thumb rocker steer
- Drive enable
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Alarm package (flashing beacon & travel alarm)
- 355° non-continuous turntable rotation
- Zero tailswing
- Certified load sensor

**POWER**
- 48 V DC deep cycle battery pack
- 24 V DC auxiliary power
- Battery charge indicator - BCI (Bi-energy only)

**OPTIONS & ACCESSORIES**

**PRODUCTIVITY**
- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Power to platform (incl. plug, socket and ground fault interrupt leakage on request)
- Light package: 2 chassis mounted drive lights, 2 platform mounted work lights
- Hostile environment kit: cylinder bellows, boom wiper seals, platform control box cover
- Low temperature cut-out module
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Aircraft protection kit: platform foam padding & padded disable system**
- Tilt cut-out option
- Tool tray
- Fluorescent tube caddy*
- Panel cradle package***
- Platform work lights
- Lockable platform control box cover
- Tow package

**POWER**
- Battery charge indicator - BCI (DC only)
- Low voltage interrupt with BCI
- Diesel catalytic scrubber muffler (Bi-en only)
- Power Inverter (DC only)

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* Available aftermarket only
** ZTM-45/25 J only, reduces platform capacity to 200 kg (440 lbs)
*** Requires tri-entry platform

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Effective date: February, 2012. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator’s Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator’s Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, expressed or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or their subsidiaries in the U.S.A. and many other countries. Genie is a Registered Trademark of Terex South Dakota, Inc. © 2012 Terex Corporation.