Self-Propelled Articulating Booms
Z™-45/25 & Z™-45/25J DC/Bi-Energy

Specifications

<table>
<thead>
<tr>
<th>Models</th>
<th>Z-45/25 DC &amp; Bi</th>
<th>Z-45/25J DC &amp; Bi</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurements</strong></td>
<td>US</td>
<td>Metric</td>
</tr>
<tr>
<td>Working height maximum*</td>
<td>51 ft 6 in</td>
<td>15.87 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>45 ft 6 in</td>
<td>13.87 m</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>25 ft</td>
<td>7.62 m</td>
</tr>
<tr>
<td>Up and over clearance maximum</td>
<td>23 ft 1 in</td>
<td>7.04 m</td>
</tr>
<tr>
<td>Platform length</td>
<td>2 ft 6 in</td>
<td>0.76 m</td>
</tr>
<tr>
<td>Platform width</td>
<td>6 ft</td>
<td>1.83 m</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>6 ft 7 in</td>
<td>2.00 m</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>18 ft 3 in</td>
<td>5.56 m</td>
</tr>
<tr>
<td>Width</td>
<td>5 ft 10.3 in</td>
<td>1.79 m</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>6 ft 8 in</td>
<td>2.03 m</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>9.5 in</td>
<td>0.24 m</td>
</tr>
</tbody>
</table>

**Productivity**

- Lift capacity | 500 lbs 227 kg |
- Platform rotation | 180° |
- Vertical jib rotation | 135° |
- Turntable rotation | 355° non-continuous |
- Turntable tailswing | zero |
- Drive speed - stowed | 3.0 mph 4.8 km/h |
- Drive speed - raised** | 0.61 mph 1.0 km/h |
- Gradeability - stowed*** | 30% |
- Turning radius - inside | 6 ft 1.83 m |
- Turning radius - outside | 14 ft 4.27 m |
- Controls | 24V DC proportional |
- Tires | 9 x 14.5 in |

**Power**

- Power source - DC | 48V DC (eight 6 V batteries, 350 Ah capacity) |
- Power source - Bi-Energy | 48V DC (eight 6 V batteries, 350 Ah capacity) with 13.3hp (9.9kW) Kubota T4f Z482 diesel driven alternator |
- Auxiliary power unit | 24V DC |
- Hydraulic tank capacity | 8 gal 30.3 L |
- Fuel tank capacity - Bi-Energy | 9 gal 34.1 L |

**Weight****

- DC | 15,350 lbs 6,963 kg |
- Bi-Energy | 15,850 lbs 7,190 kg |

**Standards Compliance**

- ANSI A92.5, CSA B354.4, EN 280, AS 1418.10

---

* 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.
Self-Propelled Articulating Booms
Z™-45/25 & Z™-45/25J DC/Bi-Energy

Features

<table>
<thead>
<tr>
<th>Standard Features</th>
<th>Easily Configured To Meet Your Needs</th>
<th>Options &amp; Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurements</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Z-45/25</strong></td>
<td>Steel 6 ft (1.83 m) (standard)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Steel 6 ft (1.83 m) tri-entry</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Z-45/25J</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Steel 6 ft (1.83 m) tri-entry</td>
<td></td>
</tr>
<tr>
<td><strong>Productivity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Non-jib</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Articulating 5 ft (1.52 m) jib boom</td>
<td></td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>48V DC (eight 6V 350 Ah batteries)</td>
<td>Steel 6 ft (1.83 m)</td>
</tr>
<tr>
<td></td>
<td><strong>Drive</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2WD</td>
<td></td>
</tr>
<tr>
<td><strong>Tire Options</strong></td>
<td>Industrial foam-filled (standard)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial non-marking foam-filled</td>
<td></td>
</tr>
</tbody>
</table>

- **Self-Propelled Articulating Booms**
- **Z™-45/25 & Z™-45/25J DC/Bi-Energy**
- **Features**
- **Standard Features**
  - **Measurements**
  - **Z-45/25**
    - 51 ft 6 in (15.87 m) working height
    - 25 ft (7.62 m) horizontal reach
    - 23 ft 1 in (7.04 m) up and over clearance
    - Up to 500 lbs (227 kg) lift capacity
  - **Z-45/25J**
    - 51 ft 9 in (15.94 m) working height
    - 25 ft 1 in (7.65 m) horizontal reach
    - 22 ft 1 in (6.73 m) up and over clearance
    - Up to 500 lbs (227 kg) lift capacity
- **Productivity**
  - Self-leveling platform
  - Hydraulic platform rotation
  - Proportional joystick controls
  - Thumb rocker steer
  - Drive enable
  - AC power to platform
  - Horn
  - Hour meter
  - Tilt alarm
  - Zero tailswing
  - 355° non-continuous turntable rotation
- **Power**
  - 48V deep cycle battery pack
  - 24V DC auxiliary power
  - 13.3hp (9.9kW) Kubota T4f Z482 diesel driven alternator (Bi-energy model only)
  - Battery charge indicator-BCI (Bi-energy model only)
  - Universal 30A battery smart charger

- **Easily Configured To Meet Your Needs**
  - Platform Options
  - Steel 6 ft (1.83 m) (standard)
  - Steel 6 ft (1.83 m) tri-entry
  - Jib Options
  - Non-jib
  - Articulating 5 ft (1.52 m) jib boom
  - Power
  - 48V DC (eight 6V 350 Ah batteries)
  - Drive
  - 2WD
  - Tire Options
  - Industrial foam-filled (standard)
  - Industrial non-marking foam-filled

- **Options & Accessories**
  - Platform swing gate
  - Half-mesh platform inserts with swing gate
  - Platform top auxiliary rail
  - Air line to platform
  - Biodegradable hydraulic oil
  - Fire resistant hydraulic oil
  - Aircraft protection package*
  - Pipe cradle (pair)
  - Alarm package
  - Panel cradle package**
  - Light package
  - Lockable platform control box cover
  - Tow package
  - Operator Protective Structure
  - Power
    - AGM batteries
    - EE UL583 Fire Protection rating (DC only)
    - Battery charge indicator-BCI (DC only)
    - Low voltage interrupt with BCI
    - Cold Weather Package (Bi-Energy only)
    - 800 watt inverter (DC only)
    - Diesel catalytic muffler (Bi-Energy only)

- **Genie United States**
  - 18340 NE 76th Street
  - P.O. Box 97030
  - Redmond, Washington 98073-9730
  - Telephone +1 (425) 881-1800
  - Toll Free in USA/Canada +1 (800)-536-1800
  - Fax +1 (425) 883-3475

- **Distributed By**
  - The Lifting Professionals
    - Rollingbrook, IL (630) 972-0199
    - South Holland, IL (219) 972-9199

---

* Reduces platform capacity to 440 lbs (only available on Jib models)
** Requires tri-entry platform

---

Effective Date: February, 2015. 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, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or their subsidiaries in the USA and many other countries. Genie is a registered trademark of Terex South Dakota, Inc. © 2015 Terex Corporation.