# Self-Propelled Articulating Booms

## Z™-45/25J DC/Bi-Energy

### Specifications

<table>
<thead>
<tr>
<th>Measurements</th>
<th>Z-45/25J DC &amp; Bi</th>
<th>US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>51 ft 9 in</td>
<td>16.94 m</td>
<td>15.94 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>45 ft 9 in</td>
<td>13.94 m</td>
<td>13.94 m</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>25 ft 1 in</td>
<td>7.65 m</td>
<td>7.65 m</td>
</tr>
<tr>
<td>Up and over clearance maximum</td>
<td>23 ft 9 in</td>
<td>7.24 m</td>
<td>7.24 m</td>
</tr>
<tr>
<td>Platform length</td>
<td>2 ft 6 in</td>
<td>0.76 m</td>
<td>0.76 m</td>
</tr>
<tr>
<td>Platform width</td>
<td>6 ft</td>
<td>1.83 m</td>
<td>1.83 m</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>6 ft 7 in</td>
<td>2.00 m</td>
<td>2.00 m</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>22 ft 5 in</td>
<td>6.83 m</td>
<td>6.83 m</td>
</tr>
<tr>
<td>Width</td>
<td>5 ft 10.3 in</td>
<td>1.79 m</td>
<td>1.79 m</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>6 ft 8 in</td>
<td>2.03 m</td>
<td>2.03 m</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>9.5 in</td>
<td>0.24 m</td>
<td>0.24 m</td>
</tr>
</tbody>
</table>

### Productivity

- **Lift capacity**: 500 lb / 227 kg
- **Platform rotation**: 160°
- **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 / 1.8 m
- **Turning radius - outside**: 14 ft / 4.27 m

### Power

- **Power source - DC**: 48V DC (eight 6V batteries, 350 Ah capacity)
- **Power source - Bi-Energy**: 48V DC (eight 6V batteries, 350 Ah capacity) with 13.3hp (9.9kW) Kubota T4f Z482 diesel driven alternator

### Standards Compliance

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

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

Features

Standard Features

Measurements
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 lb (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
- Entry toeboard on 6 ft (1.83m) platform
- Lift Guard™ Contact Alarm
- Dual parallelogram for vertical wall tracking
- Articulating 5 ft (1.52 m) jib boom

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) dual entry with side swing gate (standard)
- Steel 3 ft 10 in (1.17m) with sliding mid-rail

Power
- 48V DC (eight 6V 350 Ah batteries)

Drive
- 2WD

Tire Options
- Industrial foam-filled (standard)
- Industrial non-marking foam-filled

Options & Accessories

Productivity
- Lift Guard Platform Mesh - Half
- Lift Guard Platform Mesh - Full
- Platform top auxiliary rail
- Air line to platform
- Specialty hydraulic oil (fire resistant or biodegradable)
- Aircraft protection package*
- Pipe cradle (pair)**
- Alarm package
- Panel cradle package
- Light package
- Lockable platform control box cover
- Tow package
- Operator Protective Structure**
- Fall Arrest Bar
- Florescent tube caddy**
- Lift Tools Expo Installer**

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)

* Reduces platform capacity to 440 lb
** Available through aftermarket parts only

Options & Accessories

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