SELF-PROPELLED ARTICULATING BOOMS
Z™-45/25 & Z™-45/25J DC/Bi-Energy

Specifications

<table>
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<tr>
<th>MODELS</th>
<th>Z™-45/25 DC &amp; Bi</th>
<th>Z™-45/25J DC &amp; Bi</th>
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<tbody>
<tr>
<td>MEASUREMENTS</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>
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<tr>
<td>Horizontal reach maximum</td>
<td>25 ft</td>
<td>7.62 m</td>
</tr>
<tr>
<td>Up and over clearance</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>.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>.24 m</td>
</tr>
</tbody>
</table>

PRODUCTIVITY

| Lift capacity  | 500 lbs | 227 kg |
| Platform rotation | 180°   | 180°   |
| Vertical jib rotation | —      | 139°   |
| Turntable rotation | 355°  | 355°   |
| Turntable max. | zero    | zero   |
| Drive speed - stowed | 3.0 mph | 4.8 km/h |
| Drive speed - raised** | 0.68 mph | 1.1 km/h |
| Gradeability - stowed*** | 30%    | 30%    |
| Turning radius - inside | 6 ft   | 1.83 m |
| Turning radius - outside | 14 ft  | 4.26 m |
| Controls        | 24V DC proportional | 24V DC proportional |
| Tires           | 9 x 14.5 in (foam-filled) | 9 x 14.5 in (foam-filled) |

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 Kubota 12 hp (8.9 kW) diesel driven alternator |
| Auxiliary power unit | 24V DC | 24V DC |
| Hydraulic tank capacity | 8 gal | 30.3 L |
| Fuel tank capacity   | 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, CE Compliance, AS 1418.10, PB-10-611-03 |

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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.

RANGE OF MOTION Z™-45/25

RANGE OF MOTION Z™-45/25J
SELF-PROPELLED ARTICULATING BOOMS

Z™-45/25 & Z™-45/25J DC/Bi-Energy

Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS
• Steel 6 ft (1.83 m) (standard)
• Steel 4 or 5 ft (1.22 or 1.52 m)
• 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)

BATTERY CHARGING OPTIONS
• 25 Amp 48V onboard charger
• Onboard alternator powered by Kubota diesel 12 hp (8.9 kW) engine

DRIVE
• 2WD

TIRE OPTIONS
• Industrial foam-filled (standard)
• Industrial non-marking foam-filled

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 lb (227 kg) lift capacity

Z™-45/25J
• 51 ft 8 in (15.92 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
• Fully proportional controls
• Drive enable
• AC power to platform
• Horn
• Hour meter
• Tilt alarm
• 355° non-continuous turntable rotation

POWER
• 48V DC deep cycle battery pack
• 24V 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
• Standard aircraft protection package*
• Deluxe aircraft protection package*
• Tool tray
• Fluorescent tube caddy
• Pipe cradle (pair)
• Alarm package
• Panel cradle package*
• Platform work lights
• Front driving lights
• Lockable platform control box covers
• 800 watt inverter
• Tow package
  * Available on select models

POWER
• EE UL583 Fire Protection rating
  (DC models only)
• Battery charge indicator - BCI (DC only)
• Low voltage interrupt with BCI
• Cold Start Package (Bi-Energy only)

* Reduces platform capacity to 440 lbs

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