# SELF-PROPELLED ARTICULATING BOOMS


### Specifications

### MEASUREMENTS

<table>
<thead>
<tr>
<th>MEASUREMENTS</th>
<th>Z™-45/25 RT</th>
<th>Z™-45/25J RT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>51 ft 11 in</td>
<td>52 ft 2 in</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>45 ft 11 in</td>
<td>46 ft 2 in</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>25 ft</td>
<td>25 ft</td>
</tr>
<tr>
<td>Up and over clearance - at platform at primary arm</td>
<td>23 ft 6 in</td>
<td>24 ft 2 in</td>
</tr>
<tr>
<td>Platform length</td>
<td>2 ft 6 in</td>
<td>2 ft 6 in</td>
</tr>
<tr>
<td>Platform width</td>
<td>6 ft</td>
<td>6 ft</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>6 ft 11 in</td>
<td>6 ft 11 in</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>18 ft 3 in</td>
<td>22 ft 5 in</td>
</tr>
<tr>
<td>Width</td>
<td>7 ft 6 in</td>
<td>7 ft 6 in</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>6 ft 8 in</td>
<td>6 ft 8 in</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>1 ft 3.5 in</td>
<td>1 ft 3.5 in</td>
</tr>
</tbody>
</table>

### PRODUCTIVITY

<table>
<thead>
<tr>
<th>PRODUCTIVITY</th>
<th>Z™-45/25 RT</th>
<th>Z™-45/25J RT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift capacity</td>
<td>500 lbs</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Platform rotation</td>
<td>180°</td>
<td>160°</td>
</tr>
<tr>
<td>Vertical Jib rotation</td>
<td>—</td>
<td>139°</td>
</tr>
<tr>
<td>Turntable rotation</td>
<td>355° non-continuous</td>
<td>355° non-continuous</td>
</tr>
<tr>
<td>Turntable tailswing</td>
<td>zero</td>
<td>zero</td>
</tr>
<tr>
<td>Drive speed - stowed</td>
<td>5.0 mph</td>
<td>5.0 mph</td>
</tr>
<tr>
<td>Drive speed - raised **</td>
<td>0.68 mph</td>
<td>0.68 mph</td>
</tr>
<tr>
<td>Gradeability - 2WD - stowed***</td>
<td>30%</td>
<td>30%</td>
</tr>
<tr>
<td>Gradeability - 4WD - stowed***</td>
<td>45%</td>
<td>45%</td>
</tr>
<tr>
<td>Turning radius - inside</td>
<td>5 ft 6 in</td>
<td>5 ft 6 in</td>
</tr>
<tr>
<td>Turning radius - outside</td>
<td>14 ft 9 in</td>
<td>14 ft 9 in</td>
</tr>
<tr>
<td>Controls</td>
<td>12 V DC</td>
<td>12 V DC</td>
</tr>
<tr>
<td>Tires</td>
<td>355/55 D625</td>
<td>355/55 D625</td>
</tr>
</tbody>
</table>

### POWER

<table>
<thead>
<tr>
<th>POWER</th>
<th>Z™-45/25 RT</th>
<th>Z™-45/25J RT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power source</td>
<td>Ford DSG-423 4 cylinder gas/LPG 75 hp (56 kW)</td>
<td>Deutz diesel F3L 2011 3 cylinder diesel 48 hp (35.8 kW) Perkins diesel 404C-22 4 cylinder diesel 51 hp (38 kW)</td>
</tr>
<tr>
<td>Auxiliary power unit</td>
<td>12 V DC</td>
<td>12 V DC</td>
</tr>
<tr>
<td>Hydraulic tank capacity</td>
<td>24 gal</td>
<td>24 gal</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>17 gal</td>
<td>17 gal</td>
</tr>
</tbody>
</table>

### WEIGHT****

<table>
<thead>
<tr>
<th>WEIGHT****</th>
<th>2WD</th>
<th>4WD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13,675 lbs</td>
<td>13,875 lbs</td>
</tr>
<tr>
<td></td>
<td>6,203 kg</td>
<td>6,294 kg</td>
</tr>
<tr>
<td></td>
<td>14,300 lbs</td>
<td>14,500 lbs</td>
</tr>
<tr>
<td></td>
<td>6,486 kg</td>
<td>6,577 kg</td>
</tr>
</tbody>
</table>

### STANDARDS COMPLIANCE

| STANDARDS COMPLIANCE           | ANSI A92.5, CSA B354.4, CE Compliance, AS 1418.10, PB-10-611-03 |

* 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.

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Self-Propelled Articulating Booms


**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
- 5 ft (1.52 m) jib boom

**POWER OPTIONS**
- Ford gas/LPG 75 hp (56 kW)
- Deutz diesel 48 hp (35.8 kW)
- Perkins diesel 51 hp (38 kW)

**DRIVE OPTIONS**
- 2WD
- 4WD

**AXLE OPTIONS**
- Oscillating (standard on 4WD)
- Non-oscillating

**TIRE OPTIONS**
- Rough terrain air-filled (standard)
- Rough terrain foam-filled
- Rough terrain non-marking (air or foam-filled)
- High flotation
- Sealant treated air-filled

**STANDARD FEATURES**

**MEASUREMENTS**

**Z™-45/25 RT**
- 51 ft 11 in (16.00 m) working height
- 25 ft (7.62 m) horizontal reach
- 23 ft 6 in (7.16 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

**Z™-45/25J RT**
- 52 ft 2 in (16.07 m) working height
- 25 ft 1 in (7.65 m) horizontal reach
- 23 ft 6 in (7.16 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 cord to platform
- Horn
- Hour meter
- Tilt alarm
- 355° non-continuous turntable rotation
- Positive traction drive
- Two speed wheel motors

**POWER**
- All engines are emissions compliant
- 12 V DC auxiliary power
- Engine protection package
- Deutz intake air heater
- Swing out engine tray

**OPTIONS & ACCESSORIES**

**PRODUCTIVITY**
- Platform swing gate
- Half mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Thumb rocker steer
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Arctic hydraulic oil
- Arctic hose option (boom hoses only)
- Standard aircraft protection
- Deluxe aircraft protection
- Basic hostile environment kit
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Alarm package
- Panel cradle package
- Platform work lights
- Front driving lights
- Lockable platform control box covers
- Tow package

**POWER**
- Engine gauge package
- AC Generator Packages (2500, 3000 and 3500 watts)
- Cold Start Packages
- GS/LPS and DS UL558 fire protection rating
- Diesel scrubber/spark arrestor muffler
- Diesel spark arrestor muffler
- LPG tank 33.5 lb (15.19 kg) capacity
- Additional LPG tank with carrier
- Retained key selector switch

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Z45RT 3.5K 1006G. Part No. 109362

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