Self-Propelled Articulating Booms
Z®-45/25J RT

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Z-45/25J RT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurements</td>
<td>Metric</td>
</tr>
<tr>
<td>Working height maximum*</td>
<td>15.86 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>13.86 m</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>7.52 m</td>
</tr>
<tr>
<td>Up and over clearance maximum</td>
<td>7.14 m</td>
</tr>
<tr>
<td>Platform length</td>
<td>0.76 m</td>
</tr>
<tr>
<td>Platform width</td>
<td>1.83 m</td>
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<tr>
<td>Height - stowed</td>
<td>2.13 m</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>6.65 m</td>
</tr>
<tr>
<td>Width</td>
<td>2.29 m</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>2.03 m</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>0.37 m</td>
</tr>
</tbody>
</table>

Productivity

| Lift capacity | 227 kg | 500 lbs |
| Platform rotation | 160° | 160° |
| Vertical Jib rotation | 135° | 135° |
| Turntable rotation | 355° non-continuous |
| Turntable tailswing | zero |
| Drive speed - stowed | 7.24 km/h | 4.5 mph |
| Drive speed - raised ** | 1.00 km/h | 0.61 mph |
| Gradeability - 4WD - stowed*** | 45% |
| Turning radius - inside | 1.68 m | 5 ft 6 in |
| Turning radius - outside | 4.50 m | 14 ft 9 in |

Controls

| 12 V DC proportional |
| Tyres | 315/22 D020 |

Power

| Power source | Deutz diesel D2011L03i 3 cylinder diesel 35.8 kW (48 hp) |
| Auxiliary power unit | 12 V DC |
| Hydraulic tank capacity | 83 L | 22 gal |
| Fuel tank capacity | 64.4 L | 17 gal |

Sound & Vibration Levels

| Sound pressure level (ground workstation) | 87 dBA |
| Sound pressure level (platform workstation) | 82 dBA |
| Vibration | <2.5 m/s² | <8 ft 2 in/s² |

Weight****

| CE 4WD (foam filled tyres) | 6,460 kg | 14,244 lbs |

Standards Compliance

EU Directives: 2006/42/EC - Machinery Directive
Harmonized Standards: EN280; 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

* 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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Features

Standard Features

Measurements
- 15.86 m (51 ft 6 in) working height
- 7.52 m (24 ft 8 in) horizontal reach
- 7.14 m (23 ft 5 in) up and over clearance
- Up to 227 kg (500 lbs) lift capacity

Productivity
- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Telematics-Ready Connector
- Hydraulic oil cooler
- Thumb rocker steering
- Drive enable
- Chassis tilt drive function cut-out
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent & travel alarms
- Flashing beacon
- 355° non-continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- Zero tailswing
- Dual parallelogram for vertical wall tracking
- Lift Guard™ Contact Alarm

Power
- 12 V DC auxiliary power
- Deutz intake air heater
- Swing out engine tray

Easily Configured To Meet Your Needs

Platform
- Steel 1.83 m (6 ft) dual entry with side swing gate

Jib
- Articulating 1.52 m (5 ft) jib boom

Power
- Deutz diesel 35.8 kW (48 hp)

Drive
- 4 x 4

Axle
- Active oscillation (standard)

Tyre Options
- Rough terrain foam-filled (standard)
- Rough terrain non-marking (foam-filled)

Options & Accessories

Productivity
- Half-mesh platform
- Platform auxiliary top rail
- Power to platform: plug, socket, with optional Residual-current Circuit Breaker with Overcurrent protection
- Work lights package (2 on chassis, 2 on platform) (1)
- Biodegradable hydraulic oil
- Hostile environment kit (2): cylinder bellows, boom wiper seals and platform control box covers
- Aircraft protection kit (1,4): platform foam padding and padded disable system
- Chassis tilt lift function cut-out (software setting)
- Track & Trace (2): (GPS unit providing machine location & operating information)
- Lockable platform control box cover
- Tool Tray (3)
- Operator Protective Structure (3)
- Fall Arrest Bar (5)

Power
- Diesel catalytic scrubber muffler (1)
- Engine gauge package (oil pressure & temperature and voltage) (1)
- AC generator packages (110V/60Hz - 220V/50Hz, 2200W)
- Low temperature cut-out module
- EMEAR Cold Start kit: Inc. Engine heater & battery charger
- Cold weather packages (1)

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