Self-Propelled Articulating Booms
Z\textsuperscript{®}-45 XC

Specifications

**Models**

- **Z-45 XC**

<table>
<thead>
<tr>
<th>Measurements</th>
<th>Metric</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>15.86 m</td>
<td>51 ft 6 in</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>13.86 m</td>
<td>45 ft 6 in</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>7.55 m</td>
<td>24 ft 9 in</td>
</tr>
<tr>
<td>Up and over clearance maximum</td>
<td>7.44 m</td>
<td>24 ft 5 in</td>
</tr>
<tr>
<td><strong>Platform length</strong></td>
<td>0.76 m</td>
<td>2 ft 6 in</td>
</tr>
<tr>
<td><strong>Platform width</strong></td>
<td>1.83 m</td>
<td>6 ft</td>
</tr>
<tr>
<td><strong>Height - stowed</strong></td>
<td>2.25 m</td>
<td>7 ft 4 in</td>
</tr>
<tr>
<td><strong>Length - stowed</strong></td>
<td>6.66 m</td>
<td>21 ft 10 in</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>2.29 m</td>
<td>7 ft 6 in</td>
</tr>
<tr>
<td><strong>Wheelbase</strong></td>
<td>2.03 m</td>
<td>6 ft 8 in</td>
</tr>
<tr>
<td><strong>Ground clearance - center</strong></td>
<td>0.37 m</td>
<td>1 ft 2.5 in</td>
</tr>
</tbody>
</table>

**Range Of Motion Z-45 XC**

- **Working height maximum** 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.**

<table>
<thead>
<tr>
<th>Productivity</th>
<th>Metric</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift capacity</td>
<td>300/454 kg</td>
<td>660/1,000 lbs</td>
</tr>
<tr>
<td>Platform rotation</td>
<td>160°</td>
<td>160°</td>
</tr>
<tr>
<td>Vertical jib rotation</td>
<td>135°</td>
<td>135°</td>
</tr>
<tr>
<td>Turntable rotation</td>
<td>355° non-continuous</td>
<td></td>
</tr>
<tr>
<td>Turntable tailswing</td>
<td>zero</td>
<td></td>
</tr>
<tr>
<td>Drive speed - stowed</td>
<td>7.24 km/h</td>
<td>4.5 mph</td>
</tr>
<tr>
<td>Drive speed - raised**</td>
<td>0.5 km/h</td>
<td>0.33 mph</td>
</tr>
<tr>
<td>Gradeability - 4WD - stowed***</td>
<td>45%</td>
<td></td>
</tr>
<tr>
<td>Turning radius - inside</td>
<td>1.68 m</td>
<td>5 ft 6 in</td>
</tr>
<tr>
<td>Turning radius - outside</td>
<td>4.50 m</td>
<td>14 ft 9 in</td>
</tr>
<tr>
<td>Controls</td>
<td>12V DC proportional</td>
<td></td>
</tr>
<tr>
<td>Tyres</td>
<td>315/55 D20</td>
<td></td>
</tr>
</tbody>
</table>

**Power**

- **Power source** Deutz D2011L03I 3-cylinder diesel 35.8 kW (48 hp)
- **Auxiliary power unit** 12V 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 | 87 dBA |
- **Sound pressure level (platform workstation)** 82 dBA | 82 dBA |
- **Vibration** <2.5 m/s² | <8 ft 2 in/s² |

**Weight****

- **CE 4WD (foam filled tyres)** 6,870 kg | 15,145 lbs |

**Standards Compliance**

- EU Directives: 2006/42/EC - Machinery
  (harmonized standard EN280); 2014/30/EU (EMC); 2000/14/EC (Outdoor Noise)
Self-Propelled Articulating Booms

Z®-45 XC

Features

Standard Features

**Measurements**

**Z-45 XC**
- 15.86 m (51 ft 6 in) working height
- 7.55 m (24 ft 9 in) horizontal reach
- 7.44 m (24 ft 5 in) up and over clearance
- Unrestricted lift capacity of 300 kg (660 lb) with restricted envelope of 454 kg (1,000 lb)

**Productivity**
- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Telematics-Ready Connector
- 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
- Zero tailswing
- Dual parallelogram for vertical wall tracking
- Two speed wheel motors
- Lift Guard™ Contact Alarm

**Power**
- 12 V DC auxiliary power
- Engine protection package
- Deutz intake air heater
- Swing out engine tray

<table>
<thead>
<tr>
<th>Platform</th>
<th>Easily Configured To Meet Your Needs</th>
<th>Productivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-45 XC</td>
<td>Steel 1.83 m (6 ft) dual entry with side swing gate</td>
<td>Half mesh platform (1)</td>
</tr>
<tr>
<td>Jib</td>
<td>Articulating 1.52 m (5 ft) jib boom</td>
<td>Platform auxiliary top rail</td>
</tr>
<tr>
<td>Power</td>
<td>Deutz diesel 35.8 kW (48 hp)</td>
<td>Air line to platform</td>
</tr>
<tr>
<td>Drive</td>
<td>4 x 4</td>
<td>Power to platform: plug, socket, with optional Residual-current Circuit Breaker with Overcurrent protection</td>
</tr>
<tr>
<td>Axle</td>
<td>Active oscillation</td>
<td>Work lights package (2 on chassis, 2 on platform) (1)</td>
</tr>
<tr>
<td>Tyre Options</td>
<td>Rough terrain foam-filled (standard)</td>
<td>Biodegradable hydraulic oil</td>
</tr>
<tr>
<td></td>
<td>Rough terrain non-marking foam-filled</td>
<td>Chassis tilt lift function cut-out (software setting)</td>
</tr>
</tbody>
</table>

Easily Configured To Meet Your Needs

(1) Factory-fit option only
(2) Includes a first 2 years subscription
(3) Aftermarket only
(4) Fall arrest bar not available with panel cradle and vice versa

Productivity & Accessories

- Biodegradable hydraulic oil
- Chassis tilt lift function cut-out (software setting)
- Track & Trace (GPS unit providing machine location & operating information)
- Lockable platform control box cover
- Tool tray (3)
- Operator Protective Structure (3)
- Fall Arrest Bar (3,4)
- Panel cradle package (1,4)

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

United Kingdom and MESART

The Maltings, Wharf Road, Grantham NG31 6BH, T: +44 800 988 3739 (toll free), Fax +44 (0)1476 584334, Email AWP-InfoEurope@terex.com
Middle East, Southern Africa, Russia and Turkey, T: +971 4 399 0381, Email AWP-InfoME@terex.com

Worldwide Manufacturing And Distribution

Australia · Brazil · Caribbean · Central America · China · France · Germany · Italy · Japan · Korea · Mexico · Russia · Southeast Asia · Spain · Sweden · United Arab Emirates · United Kingdom · United States