Self-Propelled Articulating Booms

ZX™-135/70

Specifications

<table>
<thead>
<tr>
<th>Measurements</th>
<th>US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>141 ft</td>
<td>43.15 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>135 ft</td>
<td>41.15 m</td>
</tr>
<tr>
<td>Horizontal reach max - riser extended</td>
<td>59 ft 2 in</td>
<td>18.03 m</td>
</tr>
<tr>
<td>Horizontal reach max - riser retracted</td>
<td>69 ft 9 in</td>
<td>21.26 m</td>
</tr>
<tr>
<td>Up and over clearance maximum -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>riser extended</td>
<td>75 ft 6 in</td>
<td>23.01 m</td>
</tr>
<tr>
<td>riser retracted</td>
<td>32 ft 6 in</td>
<td>9.91 m</td>
</tr>
<tr>
<td>Below ground reach</td>
<td>19 ft 3 in</td>
<td>5.87 m</td>
</tr>
<tr>
<td>Platform length - 8 ft / 6 ft model</td>
<td>3 ft / 2 ft 6 in</td>
<td>0.91 m / 0.76 m</td>
</tr>
<tr>
<td>Platform width - 8 ft / 6 ft model</td>
<td>8 ft / 6 ft</td>
<td>2.44 m / 1.83 m</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>10 ft 1.5 in</td>
<td>3.09 m</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>42 ft 5 in</td>
<td>12.93 m</td>
</tr>
<tr>
<td>Width - axes extended</td>
<td>16 ft 6 in</td>
<td>5.03 m</td>
</tr>
<tr>
<td>Width - axes retracted</td>
<td>8 ft 2 in</td>
<td>2.49 m</td>
</tr>
<tr>
<td>Wheelbase - axes extended</td>
<td>15 ft 6 in</td>
<td>4.72 m</td>
</tr>
<tr>
<td>Wheelbase - axes retracted</td>
<td>16 ft 6 in</td>
<td>5.03 m</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>1 ft 3 in</td>
<td>0.38 m</td>
</tr>
</tbody>
</table>

Productivity

| Lift capacity                      | 600 lbs   | 272 kg  |
| Platform rotation                  | 160°      |         |
| Vertical jib rotation              | 110°      |         |
| Turntable rotation                 | 360° continuous |         |
| Turntable tailswing - riser up     | 2 ft 7 in  | 0.79 m  |
| Turntable tailswing - riser down   | 14 ft     | 4.27 m  |
| Drive speed - stowed               | 3.0 mph   | 4.8 km/h|
| Drive speed - raised               | 0.68 mph  | 1.1 km/h|
| Lift speed to full height          | 96 sec    |         |
| Gradeability - stowed**            | 45%       |         |
| Inside turning radius - axes extended | 9 ft 11 in | 3.02 m  |
| Inside turning radius - axes retracted | 20 ft 7 in | 6.27 m  |
| Outside turning radius - axes extended | 24 ft 1 in | 7.34 m  |
| Outside turning radius - axes retracted | 28 ft 1 in | 8.56 m  |
| Controls                           | 12 V DC proportional |         |
| Tires                              | 445/65 D22.5 18 ply foam-filled |         |

Power

<table>
<thead>
<tr>
<th>Power source</th>
<th>Deutz Diesel TD 2011 L04i 4-cylinder turbo diesel, 74 hp (55 kW)</th>
<th>Perkins Diesel 1104D-44T 4-cylinder turbo diesel, 74 hp (55 kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auxiliary power unit</td>
<td>12 V DC</td>
<td></td>
</tr>
<tr>
<td>Hydraulic tank capacity</td>
<td>65 gal</td>
<td>246.1 L</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>40 gal</td>
<td>151.4 L</td>
</tr>
</tbody>
</table>

Weight***

| 45,200 lbs                         | 20,502 kg                                                     |

Standards Compliance

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

### Standard Features

**Measurements**
- 141 ft (43.15 m) working height
- 69 ft 9 in (21.26 m) horizontal reach
- 75 ft 6 in (23.01 m) up and over clearance
- Up to 600 lbs (272 kg) lift capacity

**Productivity**
- Xchassis™ extendable axles
- 12 to 20 ft (3.66 to 6.10 m) Jib-Extend™
- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional joystick controls
- On board full diagnostics and engine monitoring display
- ALC 1000 electronic control system
- Hydraulic oil cooler
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent, motion, & travel alarms
- 360° continuous turntable rotation
- Four wheel high angle steer
- Four steering modes: front, rear, crab and coordinated
- Four wheel brakes
- Full-time positive traction 4WD
- Adjustable foot switch timeout
- Two speed wheel motors
- Configurable controls to limit lift height to 91 ft (27.74 m)
- Engine status display

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

### Easily Configured To Meet Your Needs

**Platform Options**
- Steel 8 ft (2.44 m) (standard)
- Steel 6 ft (1.83 m)
- Steel 6 or 8 ft (1.83 or 2.44 m) tri-entry

**Jib**
- 12 to 20 ft (3.66 to 6.10 m) Jib-Extend™

**Engine Options**
- Deutz turbo diesel, 74 hp (55 kW)
- Perkins turbo diesel, 74 hp (55 kW)

**Drive/Steer**
- 4WD (standard)
- 4WS (standard)

**Tire**
- Extra-wide rough terrain foam-filled (standard)
- Solid rough terrain tires (optional)

### Options & Accessories

**Productivity Options**
- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Arc Pro 275™ Heavy-Duty Welder package
- Welder Ready package
- Weld leads to platform
- Biodegradable hydraulic oil
- Aircraft protection package (6ft platform only)
- Hostile environment kit
- Deluxe hostile environment kit
- Thumb rocker steer
- Tool tray
- Pipe cradle (pair)
- Flashing beacon
- Panel cradle package*
- Lockable platform control box covers
- Work light package

**Power Options**
- AC generator packages (110V/60Hz, 3000W or 220V/50Hz, 2500W)
- Cold Weather Packages
- Arctic Packages
- Diesel scrubber/spark arrestor muffler (Deutz and Perkins)
- Diesel spark arrestor muffler (Deutz and Perkins)

* Available on select models

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