Self-Propelled Articulating Booms
Z™-80/60

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Z-80/60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurements</td>
<td>US Metric</td>
</tr>
<tr>
<td>Working height maximum*</td>
<td>84 ft 25.77 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>78 ft 23.77 m</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>60 ft 18.29 m</td>
</tr>
<tr>
<td>Up and over clearance maximum</td>
<td>29 ft 8.83 m</td>
</tr>
<tr>
<td>Below ground reach</td>
<td>15 ft 4.83 m</td>
</tr>
<tr>
<td>Platform length - 8 ft / 6 ft</td>
<td>3ft/2ft 6in 0.91m/0.76m</td>
</tr>
<tr>
<td>Platform width - 8 ft / 6 ft</td>
<td>8ft/6ft 2.44m/1.83m</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>9 ft 3.00 m</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>37 ft 11.27 m</td>
</tr>
<tr>
<td>Length - transport</td>
<td>37 ft 11.27 m</td>
</tr>
<tr>
<td>Width</td>
<td>8 ft 2 in 2.49 m</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>9 ft 4 in 2.85 m</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>12 in 0.30 m</td>
</tr>
<tr>
<td>Productivity</td>
<td></td>
</tr>
<tr>
<td>Lift capacity</td>
<td>500 lbs 227 kg</td>
</tr>
<tr>
<td>Platform rotation</td>
<td>160°</td>
</tr>
<tr>
<td>Vertical jib rotation</td>
<td>135°</td>
</tr>
<tr>
<td>Turntable rotation</td>
<td>360° continuous</td>
</tr>
<tr>
<td>Turntable tailswing - riser up</td>
<td>3 ft 10 in 1.17 m</td>
</tr>
<tr>
<td>Turntable tailswing - riser down</td>
<td>7 ft 4 in 2.24 m</td>
</tr>
<tr>
<td>Drive speed - stowed</td>
<td>3.0 mph 4.83 km/h</td>
</tr>
<tr>
<td>Drive speed - raised**</td>
<td>0.68 mph 1.1 km/h</td>
</tr>
<tr>
<td>Lift speed to full height</td>
<td>76 sec</td>
</tr>
<tr>
<td>Gradeability - 2WD - stowed***</td>
<td>30%</td>
</tr>
<tr>
<td>Gradeability - 4WD - stowed***</td>
<td>45%</td>
</tr>
<tr>
<td>Turning radius - 2WS inside</td>
<td>14 ft 6 in 4.42 m</td>
</tr>
<tr>
<td>Turning radius - 2WS outside</td>
<td>24 ft 6 in 7.47 m</td>
</tr>
<tr>
<td>Turning radius - 4WS inside</td>
<td>7 ft 2.13 m</td>
</tr>
<tr>
<td>Turning radius - 4WS outside</td>
<td>15 ft 4.57 m</td>
</tr>
<tr>
<td>Controls</td>
<td>12 V DC proportional</td>
</tr>
<tr>
<td>Tires</td>
<td>18-625 NHS</td>
</tr>
<tr>
<td>Power</td>
<td></td>
</tr>
<tr>
<td>Power source</td>
<td>Deutz TD 2011 L04I 4 cylinder diesel 74 hp (55 kW)</td>
</tr>
<tr>
<td>Perkins 804D-33 4 cylinder diesel 63 hp (47 kW)</td>
<td></td>
</tr>
<tr>
<td>Continental TME27 4 cylinder gas/LPG 74 hp (55 kW)</td>
<td></td>
</tr>
<tr>
<td>Auxiliary power unit</td>
<td>12 V DC</td>
</tr>
<tr>
<td>Hydraulic tank capacity</td>
<td>45 gal 170 L</td>
</tr>
<tr>
<td>Fuel tank capacity – diesel machines</td>
<td>35 gal 132 L</td>
</tr>
<tr>
<td>Fuel tank capacity – gas/LPG machines</td>
<td>30 gal 114 L</td>
</tr>
<tr>
<td>Weight****</td>
<td></td>
</tr>
<tr>
<td>2WS</td>
<td>35,900 lbs 16,284 kg</td>
</tr>
<tr>
<td>4WS</td>
<td>37,500 lbs 17,010 kg</td>
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<tr>
<td>Standards Compliance</td>
<td>»ANSI A92.5, CSA B354.4, EN 280, AS 1418.10</td>
</tr>
</tbody>
</table>

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## Features

### Standard Features

**Measurements**
- 84 ft (25.77 m) working height
- 60 ft (18.28 m) horizontal reach
- 29 ft (8.83 m) up and over clearance
- Up to 500 lbs (227 kg) lift capacity

**Productivity**
- 6 ft (1.83 m) jib with 135° range
- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional Hall effect controls
- On board diagnostics
- ALC 1000 electronic control system
- Hydraulic oil cooler
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- Locking turntable covers
- Full-time positive traction drive
- Two speed wheel motors
- Four steering modes: front, rear, crab and coordinated
- Configurable controls to limit lift height to 70 ft

**Power**
- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Engine monitoring display
- Block heater (Continental engine)
- Dual battery
- Engine status display

### Easily Configured To Meet Your Needs

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

**Jib**
- 6 ft (1.83 m) jib boom

**Engine Options**
- Deutz diesel 74 hp (55 kW)
- Perkins diesel 63 hp (47 kW)
- Continental gas/LPG 74 hp (55 kW)

**Drive/Steer Options**
- 4WD (standard)
- 2WS (standard)
- 4WS

**Axle**
- Active oscillation

**Tire Options**
- Rough terrain foam-filled (standard)
- Rough terrain non-marking foam-filled
- High flotation rough terrain

### Productivity Options

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Arc Pro 275™ Heavy-Duty Welder package
- Welder Ready package
- Weld leads to platform
- Air line to platform
- Biodegradable hydraulic oil
- Hostile environment package
- Deluxe hostile environment package
- Thumb rocker steer
- Aircraft protection package
- Tool tray
- Pipe cradles (pair)
- Alarm package
- Lockable platform control box covers
- Work light package

### Power Options

- AC generator packages (110V/60Hz - 220V/50Hz, 3000W)
- Cold Weather Packages
- Diesel scrubber/spark arrestor (catalytic muffler)
- LPG tank only, steel, 33.5 lbs (15.19 kg) capacity

### Options & Accessories

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