Self-Propelled Articulating Booms

Z™-80/60

Specifications

<table>
<thead>
<tr>
<th>Measurements</th>
<th>US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>83 ft</td>
<td>25.3 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>76 ft</td>
<td>23.1 m</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>61 ft</td>
<td>18.6 m</td>
</tr>
<tr>
<td>Up and over clearance maximum</td>
<td>27 ft</td>
<td>8.2 m</td>
</tr>
<tr>
<td>Below ground reach</td>
<td>16 ft</td>
<td>4.9 m</td>
</tr>
<tr>
<td>Platform length - 8 ft / 6 ft</td>
<td>3 ft</td>
<td>0.91 m</td>
</tr>
<tr>
<td>Platform width - 8 ft / 6 ft</td>
<td>6 ft</td>
<td>1.83 m</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>9 ft</td>
<td>2.74 m</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>37 ft</td>
<td>11.3 m</td>
</tr>
<tr>
<td>Length - transport</td>
<td>37 ft</td>
<td>11.3 m</td>
</tr>
<tr>
<td>Width</td>
<td>8 ft</td>
<td>2.44 m</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>9 ft</td>
<td>2.74 m</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>12 in</td>
<td>0.30 m</td>
</tr>
</tbody>
</table>

Productivity

| Lift capacity                    | 500 lb | 227 kg   |
| Platform rotation                | 160°   |          |
| Vertical jib rotation            | 135°   |          |
| Turntable rotation               | 360°   |          |
| Turntable tailswing - riser up   | 3 ft   | 0.91 m   |
| Turntable tailswing - riser down | 7 ft   | 2.13 m   |
| Drive speed - stowed             | 3.0 mph| 4.83 km/h|
| Lift speed to full height        | 34 sec |          |
| Gradeability - 2WD - stowed***   | 30%    |          |
| Gradeability - 4WD - stowed***   | 45%    |          |
| Tilt sensor activation           | front  | 4.5°     |
| Turning radius - 2WS inside      | 14 ft  | 4.24 m   |
| Turning radius - 2WS outside     | 24 ft  | 7.24 m   |
| Turning radius - 4WS inside      | 7.5 ft | 2.29 m   |
| Turning radius - 4WS outside     | 15 ft  | 4.57 m   |
| Controls                         | 12 V DC proportional |
| Tires                            | 18-625 NHS |

Power

| Power source                     | 74 hp (55 kW) Deutz turbo diesel, Tier 4f, 2.9 L       |
|                                  | 58 hp (43.25 kW) Perkins turbo diesel, Tier 4f, 404D-22 |
|                                  | 70 hp (52.2 kW) GM gas/LPG 3.0L                       |
| Auxiliary power unit             | 12 V DC                                             |
| Hydraulic tank capacity         | 45 gal                                              |
| Fuel tank capacity – diesel machines | 35 gal   |
| Fuel tank capacity – gas/LPG machines | 30 gal |

Weight****

| 2WS                              | 35,925 lb | 16,300 kg |
| 4WS                              | 37,525 lb | 17,020 kg |

Standards Compliance

| ANSI A92.20, CSA B354.6, EN 280, AS 1418.10 |

Range Of Motion Z-80/60

* The metric equivalent of working height adds 2 m to platform height.
** U.S. adds 6 ft to platform height.
*** 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
- 84 ft (25.77 m) working height
- 60 ft (18.29 m) horizontal reach
- 29 ft (8.83 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

Productivity
- Self-leveling platform
- 160° hydraulic platform rotation
- Proportional joystick controls
- Hydraulic oil cooler
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- Four steering modes: front, rear, crab and coordinated (with 4WS option only)
- Lift Tools™ Work Tray
- Entry toeboard
- Lift Connect™ Telematics
- Lift Guard™ Contact Alarm

Power
- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- On board full diagnostic and engine monitoring display
- Dual battery

Easily Configured To Meet Your Needs

Platform Options
- Steel 8 ft (2.44 m) tri entry with side swing gate (standard)
- Steel 6 ft (1.83 m) dual entry with side swing gate

Jib
- 6 ft (1.83 m) jib boom

Engine Options
- 70 hp (52.2 kW) GM gas/LPG
- 74 hp (55.18 kW) Deutz turbo diesel, T4f*
- 58 hp (43.25 kW) Perkins turbo diesel, T4f*

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

Axle
- Active oscillation

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

Productivity Options
- Lift Guard Platform Mesh - Half
- Lift Guard Platform Mesh - Full
- Lift Guard Platform Mesh - Screen (8ft platform only)
- Platform top auxiliary rail
- Welder package
- Welder Ready package
- Air line to platform
- Specialty hydraulic oil (cold weather, fire resistant, or biodegradable)
- Hostile environment kit
- Deluxe hostile environment kit
- Aircraft protection package (6 ft platform only)
- Thumb rocker steer
- Tool tray
- Pipe cradles (pair)
- Alarm package
- Lockable platform control box covers
- Work light package
- Operator Protective Structure**
- Fall Arrest Bar
- Lift Tools Access Deck*
- Lift Tools Expo Installer*

Power Options
- AC generator packages (110V/60Hz - 220V/50Hz, 3000W)
- Cold Weather Packages
- Diesel catalytic scrubber muffler
- LPG tank only, steel, 33.5 lb (15.19 kg) capacity
- Positive air shut off system (Deutz engine only)

Options & Accessories

- Lift Tools™ Work Tray
- Entry toeboard
- Lift Connect™ Telematics
- Lift Guard™ Contact Alarm

Power
- 12 V DC auxiliary power
- Anti-restart engine protection
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Z80 0210L. Part No. 109365 * Also available as Tier 4I in limited regions
** Available through aftermarket parts only