Generie

Self-Propelled Articulating Booms
Z™-40/23N & Z™-40/23N RJ

Specifications

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<th>Z-40/23N RJ</th>
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<td>Metric</td>
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<tr>
<td>Working height maximum*</td>
<td>46 ft 5 in</td>
<td>14.32 m</td>
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<tr>
<td>Platform height maximum</td>
<td>40 ft 5 in</td>
<td>12.32 m</td>
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<tr>
<td>Horizontal reach maximum</td>
<td>22 ft 8 in</td>
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<td>Up and over clearance maximum</td>
<td>21 ft 3 in</td>
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<tr>
<td>Platform length</td>
<td>2 ft 6 in</td>
<td>0.76 m</td>
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<tr>
<td>Platform width</td>
<td>4 ft 8 in</td>
<td>1.42 m</td>
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<tr>
<td>Height - stowed</td>
<td>6 ft 6 in</td>
<td>1.98 m</td>
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<tr>
<td>Length - stowed</td>
<td>21 ft 5 in</td>
<td>6.53 m</td>
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<tr>
<td>Width</td>
<td>4 ft 11 in</td>
<td>1.50 m</td>
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<td>6 ft 5 in</td>
<td>1.96 m</td>
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<td>Ground clearance - center</td>
<td>7 in</td>
<td>0.18 m</td>
</tr>
</tbody>
</table>

Productivity

| Lift capacity | 500 lbs | 227 kg | 500 lbs | 227 kg |
| Platform rotation | 180° | 180° |
| Vertical jib rotation | 128° | 128° |
| Horizontal jib rotation | 90° |
| Turntable rotation | 355° non-continuous | 355° non-continuous |
| Turntable tailswing | 5 in | 0.13 m | 5 in | 0.13 m |
| Drive speed - stowed | 4.5 mph | 7.2 km/h | 4.5 mph | 7.2 km/h |
| Drive speed - raised** | 0.68 mph | 1.1 km/h | 0.68 mph | 1.1 km/h |
| Gradeability - stowed*** | 30% |
| Turning radius - inside | 2 ft 11 in | 0.87 m | 2 ft 11 in | 0.87 m |
| Turning radius - outside | 10 ft 6 in | 3.20 m | 10 ft 6 in | 3.20 m |
| Controls | 24 V DC proportional | 24 V DC proportional |
| Tires - front | 22x7x17.75 in | 0.56x0.18x0.45 m | 22x7x17.75 in | 0.56x0.18x0.45 m |
| Tires - rear | 25.6 x 7 in | 0.64 x 0.18 m | 25.6 x 7 in | 0.64 x 0.18 m |

Power

| Power source | 48 V DC (eight 6 V batteries) | 48 V DC (eight 6 V batteries) |
| Drive system | 29 V 3 phase AC | 29 V 3 phase AC |
| Auxiliary power unit | 24 V DC | 24 V DC |
| Hydraulic tank capacity | 6 gal | 30.3 L |

Weight****

| Weight | 15,230 lbs | 6,908 kg | 15,300 lbs | 6,940 kg |

Standards Compliance

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

* 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 operated 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
Z-40/23N & Z-40/23N RJ
- 46 ft 5 in (14.22 m) working height
- 22 ft 8 in (7.51 m) horizontal reach
- 21 ft 3 in (6.48 m) up and over clearance
- Up to 500 lbs (227 kg) lift capacity

Productivity
- 4 ft 11 in (1.50 m) width
- 2 ft 11 in (0.87 m) inside turning radius
- 4 ft (1.22 m) jib boom with 128° working range
- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Thumb rocker steer
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent, motion, & travel alarms
- Hydraulic filter condition monitor
- 355° non-continuous turntable rotation
- Variable speed high efficiency hydraulic power unit
- AC electric drive system
- Traction control
- On board easy to understand diagnostics
- Telematics ready connector

Power
- 48 V DC deep cycle battery pack
- 24 V DC auxiliary power
- Universal 30A battery smart charger
- Battery charge indicator
- Low battery voltage interrupt

Easily Configured To Meet Your Needs

Platform Options
- Steel 4 ft 8 in (1.42 m) (Z40N only)
- Steel 3 ft 10 in (1.17 m)

Jib Options
- 4 ft (1.22 m) jib boom
- 4 ft (1.22 m) horizontal rotating jib boom

Power
- 48 V DC (eight 6 V 350 Ah batteries)

Drive
- 2WD Electric AC

Tire
- Solid rubber non-marking

Options & Accessories

Productivity
- Platform swing gate
- Half-mesh platform inserts with swing gate
- Air line to platform
- Biodegradable hydraulic oil
- Fire resistant hydraulic oil
- Hostile environment kit
- Flashing beacon
- Light package
- Lockable platform control box cover

Power
- AGM batteries
- 800 watt 120VAC power inverter

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* Reduces platform weight capacity to 440 lbs

Effective Date: February, 2015. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or their subsidiaries in the USA and many other countries. Genie is a registered trademark of Terex South Dakota, Inc. © 2015 Terex Corporation.