# Specifications

## Model

### Z™-135/70

#### Measurements

<table>
<thead>
<tr>
<th>Metric</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>43.15 m  141 ft</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>41.15 m  135 ft</td>
</tr>
<tr>
<td>Horizontal reach max - riser extended</td>
<td>18.03 m  59 ft 2 in</td>
</tr>
<tr>
<td>Horizontal reach max - riser retracted</td>
<td>21.26 m  69 ft 9 in</td>
</tr>
<tr>
<td>Up and over clearance maximum - riser extended</td>
<td>23.01 m  75 ft 6 in</td>
</tr>
<tr>
<td>Ground clearance - centre</td>
<td>0.51 m  1 ft 8 in</td>
</tr>
<tr>
<td>Below ground reach</td>
<td>5.87 m  19 ft 3 in</td>
</tr>
<tr>
<td>Platform length</td>
<td>0.91 m  3 ft</td>
</tr>
<tr>
<td>Platform width</td>
<td>2.44 m  8 ft</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>3.07 m  10 ft 1 in</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>12.93 m  42 ft 5 in</td>
</tr>
<tr>
<td>Width - axles extended</td>
<td>3.94 m  12 ft 11 in</td>
</tr>
<tr>
<td>Length - raised</td>
<td>2.46 m  8 ft 1 in</td>
</tr>
<tr>
<td>Wheelbase - axles extended</td>
<td>4.11 m  13 ft 6 in</td>
</tr>
<tr>
<td>Wheelbase - axles retracted</td>
<td>4.72 m  15 ft 6 in</td>
</tr>
</tbody>
</table>

#### Range of Motion

<table>
<thead>
<tr>
<th>Metric</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>140 ft</td>
<td>42.67 m</td>
</tr>
<tr>
<td>130 ft</td>
<td>39.62 m</td>
</tr>
<tr>
<td>120 ft</td>
<td>36.58 m</td>
</tr>
<tr>
<td>110 ft</td>
<td>33.53 m</td>
</tr>
<tr>
<td>100 ft</td>
<td>30.48 m</td>
</tr>
<tr>
<td>90 ft</td>
<td>27.43 m</td>
</tr>
<tr>
<td>80 ft</td>
<td>24.38 m</td>
</tr>
<tr>
<td>70 ft</td>
<td>21.34 m</td>
</tr>
<tr>
<td>60 ft</td>
<td>18.29 m</td>
</tr>
<tr>
<td>50 ft</td>
<td>15.24 m</td>
</tr>
<tr>
<td>40 ft</td>
<td>12.19 m</td>
</tr>
<tr>
<td>30 ft</td>
<td>9.14 m</td>
</tr>
<tr>
<td>20 ft</td>
<td>6.1 ft</td>
</tr>
<tr>
<td>10 ft</td>
<td>3.05 ft</td>
</tr>
<tr>
<td>0 ft</td>
<td>0 ft</td>
</tr>
</tbody>
</table>

#### Productivity

<table>
<thead>
<tr>
<th>Metric</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift capacity</td>
<td>272 kg  600 lbs</td>
</tr>
<tr>
<td>Platform rotation</td>
<td>160°</td>
</tr>
<tr>
<td>Vertical jib rotation</td>
<td>110°</td>
</tr>
<tr>
<td>Turntable rotation</td>
<td>360° continuous</td>
</tr>
<tr>
<td>Turntable tailswung - riser up</td>
<td>0.79 m  2 ft 7 in</td>
</tr>
<tr>
<td>Turntable tailswung - riser down</td>
<td>4.27 m  14 ft</td>
</tr>
<tr>
<td>Drive speed - stowed</td>
<td>4.8 km/h  3.0 mph</td>
</tr>
<tr>
<td>Drive speed - raised</td>
<td>1.1 km/h  0.68 mph</td>
</tr>
<tr>
<td>Lift speed to full height</td>
<td>96 sec  96 sec</td>
</tr>
<tr>
<td>Gradeability - stowed**</td>
<td>45%</td>
</tr>
<tr>
<td>Inside turning radius - axles extended</td>
<td>2.29 m  7 ft 6 in</td>
</tr>
<tr>
<td>Inside turning radius - axles retracted</td>
<td>5.51 m  18 ft 1 in</td>
</tr>
<tr>
<td>Outside turning radius - axles extended</td>
<td>5.64 m  18 ft 6 in</td>
</tr>
<tr>
<td>Outside turning radius - axles retracted</td>
<td>7.77 m  25 ft 6 in</td>
</tr>
</tbody>
</table>

#### Controls

<table>
<thead>
<tr>
<th>Metric</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyres - RT Lug - Foam filled</td>
<td>445/65 D22.5</td>
</tr>
</tbody>
</table>

#### Power

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

#### Weight***

<table>
<thead>
<tr>
<th>Metric</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>20,366 kg</td>
<td>44,900 lbs</td>
</tr>
</tbody>
</table>

#### Standards Compliance

- ANSI A92.5, CSA B354.4, CE Compliance, AS 1418.10

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* 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.
## FEATURES

### STANDARD FEATURES

<table>
<thead>
<tr>
<th>MEASUREMENTS</th>
<th>STANDARD FEATURES cont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 43.15 m (141 ft) working height</td>
<td>• Deutz intake air heater</td>
</tr>
<tr>
<td>• 21.26 m (69 ft 9 in) horizontal reach</td>
<td>• Swing out engine tray</td>
</tr>
<tr>
<td>• 23.01 m (75 ft 6 in) up and over clearance</td>
<td></td>
</tr>
<tr>
<td>• Up to 272 kg (600 lbs) lift capacity</td>
<td></td>
</tr>
</tbody>
</table>

### PRODUCTIVITY

- 2.44m (8ft) steel platform
- 3.66 to 6.10 m (12 to 20 ft) Jib-Extend™ with 110° working range
- 4WD
- 4WS
- Extra-wide rough terrain foam-filled tyres
- Xchassis™ extendable axles
- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional Hall effect controls
- On-board full diagnostics and engine monitoring display
- ALC 1000 electronic control system
- Hydraulic oil cooler
- Drive enable
- Horn
- Hour meter
- Tilt alarm
- Alarm package
- 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 27.74 m (91 ft)
- Engine status display
- Dual flashing beacons
- Thumb rocker steer

### OPTIONS & ACCESSORIES

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Basic hostile environment kit
- Deluxe hostile environment kit
- Tool tray
- Fluorescent tube caddy
- Platform work lights
- Front driving lights
- Lockable platform control box covers
- 1.83 m (6 ft) steel platform

### POWER OPTIONS

- 7 kVA hydraulic generator (240 V/50 Hz)
- Cold Weather Packages
- 240 V power to platform

### POWER

- 12 V DC auxiliary power
- Deutz turbo diesel, 55 kW (74 hp)
- Engine protection package

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Effective Date: April 2012. 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 Operators’ Manual for instructions on the proper use of this equipment. Failure to follow the Operators 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, Terex South Dakota, Inc., and/or their subsidiaries in the USA and other countries. All rights reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. Genie is a registered trademark of Terex Corporation, Inc. in the USA and many other countries. ©2009 Terex Corporation.