SELF-PROPELLED TELESCOPIC BOOMS
S™-120 & S™-125

Specifications

MODELS
S™-120
S™-125

MEASUREMENTS

<table>
<thead>
<tr>
<th></th>
<th>US</th>
<th>Metric</th>
<th>US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>126 ft</td>
<td>38.58 m</td>
<td>131 ft 2 in</td>
<td>40.15 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>120 ft</td>
<td>36.58 m</td>
<td>125 ft 2 in</td>
<td>38.15 m</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>75 ft</td>
<td>22.86 m</td>
<td>80 ft</td>
<td>24.38 m</td>
</tr>
<tr>
<td>Below ground reach 6 ft 6 in</td>
<td>1.98 m</td>
<td>6 ft 9 in</td>
<td>3.27 m</td>
<td></td>
</tr>
<tr>
<td>Platform length - 8 ft model</td>
<td>3 ft</td>
<td>.91 m</td>
<td>3 ft</td>
<td>.91 m</td>
</tr>
<tr>
<td>Platform length - 6 ft model</td>
<td>2 ft 6 in</td>
<td>.76 m</td>
<td>2 ft 6 in</td>
<td>.76 m</td>
</tr>
<tr>
<td>Platform width - 8 ft model</td>
<td>8 ft</td>
<td>2.44 m</td>
<td>8 ft</td>
<td>2.44 m</td>
</tr>
<tr>
<td>Platform width - 6 ft model</td>
<td>6 ft</td>
<td>1.83 m</td>
<td>6 ft</td>
<td>1.83 m</td>
</tr>
<tr>
<td>Height - stowed 10 ft 1 in</td>
<td>3.07 m</td>
<td>10 ft 1 in</td>
<td>3.07 m</td>
<td></td>
</tr>
<tr>
<td>Length - stowed 42 ft 8 in</td>
<td>13.00 m</td>
<td>46 ft 9 in</td>
<td>14.25 m</td>
<td></td>
</tr>
<tr>
<td>Length - transport (jib tucked under)</td>
<td>39 ft 11 in</td>
<td>12.17 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width - axes retracted 8 ft 2 in</td>
<td>2.49 m</td>
<td>8 ft 2 in</td>
<td>2.49 m</td>
<td></td>
</tr>
<tr>
<td>Width - axes extended 11 ft</td>
<td>3.35 m</td>
<td>11 ft</td>
<td>3.35 m</td>
<td></td>
</tr>
<tr>
<td>Wheelbase 12 ft</td>
<td>3.66 m</td>
<td>12 ft</td>
<td>3.66 m</td>
<td></td>
</tr>
<tr>
<td>Ground clearance - center 1 ft 5.5 in</td>
<td>.44 m</td>
<td>1 ft 5.5 in</td>
<td>.44 m</td>
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</tr>
</tbody>
</table>

PRODUCTIVITY

<table>
<thead>
<tr>
<th></th>
<th>US</th>
<th>Metric</th>
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<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift capacity</td>
<td>750 lbs</td>
<td>340 kg</td>
<td>500 lbs</td>
<td>227 kg</td>
</tr>
<tr>
<td>Platform rotation</td>
<td>160°</td>
<td>160°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vertical jib rotation</td>
<td>———</td>
<td>135°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turntable rotation</td>
<td>360° continuous</td>
<td>360° continuous</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turntable tailswing - axe retracted 5 ft 6 in</td>
<td>1.68 m</td>
<td>5 ft 6 in</td>
<td>1.68 m</td>
<td></td>
</tr>
<tr>
<td>Turntable tailswing - axe extended 4 ft 1 in</td>
<td>1.24 m</td>
<td>4 ft 1 in</td>
<td>1.24 m</td>
<td></td>
</tr>
<tr>
<td>Drive speed - stowed 3.0 mph</td>
<td>4.8 km/h</td>
<td>3.0 mph</td>
<td>4.8 km/h</td>
<td></td>
</tr>
<tr>
<td>Drive speed - raised/extended below 80 ft 0.68 mph</td>
<td>1.1 km/h</td>
<td>0.68 mph</td>
<td>1.1 km/h</td>
<td></td>
</tr>
<tr>
<td>Drive speed - raised/extended above 80 ft 0.34 mph</td>
<td>.55 km/h</td>
<td>0.34 mph</td>
<td>.55 km/h</td>
<td></td>
</tr>
<tr>
<td>Gradeability - stowed**</td>
<td>40%</td>
<td>40%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turning radius - axe retracted: inside 13 ft 2 in</td>
<td>4.01 m</td>
<td>13 ft 2 in</td>
<td>4.01 m</td>
<td></td>
</tr>
<tr>
<td>Turning radius - axe retracted: outside 22 ft 2 in</td>
<td>6.75 m</td>
<td>22 ft 2 in</td>
<td>6.75 m</td>
<td></td>
</tr>
<tr>
<td>Turning radius - axe extended: inside 8 ft 6 in</td>
<td>2.59 m</td>
<td>8 ft 6 in</td>
<td>2.59 m</td>
<td></td>
</tr>
<tr>
<td>Turning radius - axe extended: outside 18 ft 10 in</td>
<td>5.74 m</td>
<td>18 ft 10 in</td>
<td>5.74 m</td>
<td></td>
</tr>
<tr>
<td>Controls 12 V DC proportional</td>
<td>12 V DC proportional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tires - RT lug 445/65 D22.5</td>
<td>445/65 D22.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RT solid 445/65 D24</td>
<td>445/65 D24</td>
<td></td>
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</tbody>
</table>

POWER

<p>| | | | | |</p>
<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power source</td>
<td>Deutz TD 2011 L04i 4-cylinder turbo diesel, 74 hp (55 kW)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auxiliary power unit</td>
<td>12 V DC</td>
<td>12 V DC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydraulics tank capacity 55 gal</td>
<td></td>
<td>208 L</td>
<td>208 L</td>
<td></td>
</tr>
<tr>
<td>Fuel tank capacity 40 gal</td>
<td>151 L</td>
<td>40 gal</td>
<td>151 L</td>
<td></td>
</tr>
</tbody>
</table>

WEIGHT

<table>
<thead>
<tr>
<th></th>
<th>US</th>
<th>Metric</th>
<th>US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>4WD</td>
<td>44,340 lbs</td>
<td>20,112 kg</td>
<td>44,640 lbs</td>
<td>20,248 kg</td>
</tr>
</tbody>
</table>

STANDARDS COMPLIANCE

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

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* The metric equivalent of working height adds 2 m to platform height.
* The 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.
SELF-PROPELLED TELESCOPIC BOOMS
S™-120 & S™-125

Features

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 OPTIONS
• Non-jib
• 5 ft (1.52 m) jib boom

ENGINE OPTIONS
• Deutz turbo diesel 74 hp (55 kW)
• Perkins diesel 83 hp (62 kW)

DRIVE/STEER
• 4WD (standard)
• 4WS (standard)

AXLE
• Extendable axles (standard)

TIRE
• Rough terrain foam-filled (standard)
• Rough terrain solid

STANDARD FEATURES

MEASUREMENTS
S™-120
• 126 ft (38.58 m) working height
• 75 ft (22.86 m) horizontal reach
• 750 lb (340 kg) lift capacity

S™-125
• 131 ft 2 in (40.15 m) working height
• 80 ft (24.38 m) horizontal reach
• 500 lb (227 kg) lift capacity

PRODUCTIVITY
• Self-leveling platform
• Hydraulic platform rotation
• Fully proportional Hall effect joystick controls
• Hydraulic oil cooler
• Drive enable
• AC power cord to platform
• Horn
• Hour meter
• Tilt alarm
• Descent alarm
• Alarm package
• 360° continuous turntable rotation
• Locking turntable covers
• Positive traction drive
• Two speed wheel motors
• Configurable controls to limit maximum height to 80 ft (24.38 m)
  or 100 ft (30.48 m)
• Ground control box cover
• Engine status display

POWER
• 12 V DC auxiliary power
• Anti-restart engine protection
• Auto engine fault shutdown

OPTIONS & ACCESSORIES

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
• Fire resistant hydraulic oil
• Biodegradable hydraulic oil
• Hostile environment package
• Deluxe hostile environment package
• Aircraft protection package
  (6 ft platform only)
• Thumb rocker steer
• Tool tray
• Pipe cradle (pair)
• Panel cradle package*
• Platform work lights
• Lockable platform control box covers
• Light package

POWER OPTIONS
• AC generator packages (110V/60Hz - 220V/50Hz, 3000W)
• Cold Weather Packages
• Diesel scrubber/spark arrestor muffler
  (catalytic muffler)
• Intake air pre-cleaner

* Available on select models

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