SELF-PROPELLED TELESCOPIC BOOMS

S™-40 & S™-45

Specifications

MODELS

<table>
<thead>
<tr>
<th>MEASUREMENTS</th>
<th>S™-40</th>
<th>S™-45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>46 ft</td>
<td>51 ft</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>40 ft</td>
<td>45 ft</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>31 ft 8 in</td>
<td>36 ft 8 in</td>
</tr>
<tr>
<td>Below ground reach</td>
<td>3 ft 2 in</td>
<td>4 ft 11 in</td>
</tr>
</tbody>
</table>

**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.

PRODUCTIVITY

<table>
<thead>
<tr>
<th>PRODUCTIVITY</th>
<th>S™-40</th>
<th>S™-45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift capacity</td>
<td>500 lbs</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Platform rotation</td>
<td>160°</td>
<td>160°</td>
</tr>
<tr>
<td>Vertical jib rotation</td>
<td>------</td>
<td>135°</td>
</tr>
<tr>
<td>Turntable rotation</td>
<td>360°</td>
<td>360°</td>
</tr>
<tr>
<td>Turning radius - inside</td>
<td>6 ft 8 in</td>
<td>6 ft 8 in</td>
</tr>
<tr>
<td>Turning radius - outside</td>
<td>15 ft 8 in</td>
<td>15 ft 8 in</td>
</tr>
<tr>
<td>Drive speed - stowed</td>
<td>4.8 mph</td>
<td>4.8 mph</td>
</tr>
<tr>
<td>Drive speed - extended</td>
<td>0.68 mph</td>
<td>0.68 mph</td>
</tr>
</tbody>
</table>

RANGE OF MOTION

- S™-40
- S™-45

POWER

<table>
<thead>
<tr>
<th>POWER</th>
<th>S™-40</th>
<th>S™-45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power source</td>
<td>Ford DSG 423 4 cylinder gas/LPG 75 hp (56 kW)</td>
<td>Deutz D2011L03I 3 cylinder diesel 48 hp (35.8 kW)</td>
</tr>
<tr>
<td></td>
<td>Perkins 404C-22 4 cylinder diesel 51 hp (38 kW)</td>
<td></td>
</tr>
<tr>
<td>Auxiliary power unit</td>
<td>12 V DC</td>
<td>12 V DC</td>
</tr>
<tr>
<td>Hydraulic tank capacity</td>
<td>45 gal</td>
<td>45 gal</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>20 gal</td>
<td>20 gal</td>
</tr>
</tbody>
</table>

WEIGHT

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>S™-40</th>
<th>S™-45</th>
</tr>
</thead>
<tbody>
<tr>
<td>11,650 lbs</td>
<td>5,284 kg</td>
<td>14,790 lbs</td>
</tr>
</tbody>
</table>

STANDARDS COMPLIANCE

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

* 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.
SELF-PROPELLED TELESCOPIC BOOMS

S™-40 & S™-45

Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS
• Steel 8 ft (2.44 m) (standard)
• Steel 6 ft (1.83 m)
• Steel 6 or 8 ft (1.83 or 2.44 m) tri-entry
• Steel 4 ft (1.22 m)
• Steel 5 ft (1.52 m)

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

POWER OPTIONS
• Ford gas/LPG 75 hp (56 kW)
• Deutz diesel 48 hp (35.8 kW)
• Perkins diesel 51 hp (38 kW)

DRIVE OPTIONS
• 2WD
• 4WD

AXLE OPTIONS
• Active oscillation
• Non-oscillating

TIRE OPTIONS
• Rough terrain air-filled (standard)
• Rough terrain foam-filled
• Rough terrain non-marking air or foam-filled
• High flotation air-filled
• Sealant treated air-filled

MEASUREMENTS

S™-40
• 46 ft (14.20 m) working height
• 31 ft 8 in (9.65 m) horizontal reach
• Up to 500 lb (227 kg) lift capacity

S™-45
• 51 ft (15.72 m) working height
• 36 ft 8 in (11.18 m) horizontal reach
• Up to 500 lb (227 kg) lift capacity

PRODUCTIVITY
• Self-leveling platform
• Hydraulic platform rotation
• Fully proportional Hall effect joystick controls
• Fuel select switch on platform and ground control panels (Gas/LPG models)
• Drive enable
• AC power cord to platform
• Tilt alarm
• Horn
• Hour meter
• 360° continuous turntable rotation
• Locking, low profile turntable covers
• Positive traction drive
• Two speed wheel motors

POWER
• All engines are emissions compliant
• 12 V DC auxiliary power
• Anti-restart engine protection
• Auto engine fault shutdown
• Intake air heater (Deutz engine)
• Swing out engine tray

Options & Accessories

PRODUCTIVITY
• 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
• Hydraulic oil cooler
• Arctic hydraulic oil
• Arctic hoses package
• Basic hostile environment kit
• Deluxe hostile environment kit
• Deluxe aircraft protection package (6 ft platform only)
• Thumb rocker steer
• Tool tray
• Fluorescent tube caddy
• Pipe cradle (pair)
• Alarm package
• Panel cradle package*
• Platform work lights
• Front driving lights
• Lockable platform control box covers
• Tow package
• Loegering steel track, factory installed
• Loegering soft track, factory installed
*Available on select models

POWER
• Engine gauge package
• AG Generator Packages (2500 or 3000 watts)
• Cold Start Packages
• Diesel scrubber/spark arrestor muffler
• Diesel spark arrestor muffler
• LPG tank 33.5 lb (15.19 kg) capacity
• Additional LPG tank with carrier
• Retained key selector switch

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