### Specifications

<table>
<thead>
<tr>
<th>Models</th>
<th>S-80 XC</th>
<th>S-85 XC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurements</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working height maximum*</td>
<td>86 ft</td>
<td>26.27 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>80 ft</td>
<td>24.38 m</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>68 ft 6 in</td>
<td>20.88 m</td>
</tr>
<tr>
<td>Below ground reach</td>
<td>5 ft 6 in</td>
<td>1.68 m</td>
</tr>
<tr>
<td>△ Platform length - 8 ft model</td>
<td>3 ft</td>
<td>0.91 m</td>
</tr>
<tr>
<td>△ Platform width - 8 ft model</td>
<td>8 ft</td>
<td>2.44 m</td>
</tr>
<tr>
<td>△ Platform length - 6 ft model</td>
<td>6 ft</td>
<td>1.83 m</td>
</tr>
<tr>
<td>△ Height - stowed</td>
<td>9 ft 2 in</td>
<td>2.80 m</td>
</tr>
<tr>
<td>△ Length - stowed</td>
<td>37 ft 7 in</td>
<td>11.32 m</td>
</tr>
<tr>
<td>△ Length - transport (jib tucked under)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>△ Width</td>
<td>8 ft 2 in</td>
<td>2.49 m</td>
</tr>
<tr>
<td>△ Wheelbase</td>
<td>9 ft 4 in</td>
<td>2.85 m</td>
</tr>
<tr>
<td>△ Ground clearance - center</td>
<td>15.8 in</td>
<td>40 cm</td>
</tr>
<tr>
<td><strong>Productivity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum lift capacity - unrestricted</td>
<td>660 lb</td>
<td>300 kg</td>
</tr>
<tr>
<td>- restricted</td>
<td>1,000 lb</td>
<td>454 kg</td>
</tr>
<tr>
<td>Platform rotation</td>
<td>160°</td>
<td>160°</td>
</tr>
<tr>
<td>Vertical jib rotation</td>
<td>—</td>
<td>133°</td>
</tr>
<tr>
<td>Turntable rotation</td>
<td>360° continuous</td>
<td>360° continuous</td>
</tr>
<tr>
<td>Turntable tailswing</td>
<td>5 ft 3 in</td>
<td>1.6 m</td>
</tr>
<tr>
<td>Drive speed - stowed</td>
<td>3.0 mph</td>
<td>4.8 km/h</td>
</tr>
<tr>
<td>- raised/extended</td>
<td>0.5 mph</td>
<td>0.2 m/s</td>
</tr>
<tr>
<td>Gradeability - stowed**</td>
<td>45%</td>
<td>45%</td>
</tr>
<tr>
<td>Tilt sensor activation</td>
<td>front to back: 7° and side to side: 5°</td>
<td></td>
</tr>
<tr>
<td>Turning radius: inside</td>
<td>12 ft</td>
<td>3.66 m</td>
</tr>
<tr>
<td>outside</td>
<td>21 ft 6 in</td>
<td>6.55 m</td>
</tr>
<tr>
<td>Controls</td>
<td>12V DC proportional</td>
<td>12V DC proportional</td>
</tr>
<tr>
<td>Tires - RT lug</td>
<td>Foam filled 18-625, 16 ply</td>
<td>Foam filled 18-625, 16 ply</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power source</td>
<td>74 hp (55 kW) Deutz turbo diesel, Tier 4f, 2.9 L</td>
<td>74 hp (55 kW) Deutz turbo diesel, Tier 4f, 2.9 L</td>
</tr>
<tr>
<td>58 hp (43.25 kW) Perkins turbo diesel, Tier 4, 404D-22T</td>
<td>58 hp (43.25 kW) Perkins turbo diesel, Tier 4, 404D-22T</td>
<td></td>
</tr>
<tr>
<td>70 hp (52.2 kW) GM gas/LPG 3.0L</td>
<td>70 hp (52.2 kW) GM gas/LPG 3.0L</td>
<td></td>
</tr>
<tr>
<td>Auxiliary power unit</td>
<td>12V DC</td>
<td>12V DC</td>
</tr>
<tr>
<td>Hydraulic tank capacity</td>
<td>40 gal</td>
<td>150 L</td>
</tr>
<tr>
<td>Fuel tank capacity - diesel</td>
<td>35 gal</td>
<td>132 L</td>
</tr>
<tr>
<td>- gas/LPG</td>
<td>30 gal</td>
<td>114 L</td>
</tr>
<tr>
<td><strong>Weight</strong>*</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>37,000 lb</td>
<td>16,783 kg</td>
</tr>
<tr>
<td><strong>Standards Compliance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI A92.20, CSA B354.6, EN 280, AS 1418.10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Self-Propelled Telescopic Booms
S®-80 XC™ & S®-85 XC™

Features

Standard Features

Measurements

S-80 XC
- 86 ft (26.38 m) working height
- 68 ft 6 in (20.88 m) horizontal reach
- 660 lb (300 kg) unrestricted and
  1,000 lb (454 kg) restricted lift capacity

S-85 XC
- 91 ft (27.74 m) working height
- 74 ft 6 in (22.71 m) horizontal reach
- 660 lb (300 kg) unrestricted and
  1,000 lb (454 kg) restricted lift capacity

Productivity

- Self-leveling platform
- 160° hydraulic platform rotation
- Proportional joystick controls
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- Positive traction four wheel drive
- Two speed wheel motors
- Platform Load sense system
- Entry Toeboard
- Hydraulic oil cooler
- Alarm package
- Lift Tools™ Work Tray
- Lift Connect™ Telematics
- Lift Guard™ Contact Alarm
- Active oscillation

Power

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

Easily Configured To Meet Your Needs

Platform Options

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

Jib Options

- Non-jib (S-80 XC only)
- 5 ft (1.52 m) jib boom (S-85 XC only)

Engine Options

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

Tire Options

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

Options & Accessories

Productivity Options

- Lift Guard Platform Mesh - Half
- Lift Guard Platform Mesh - Full
- Lift Guard Platform Mesh - Screen
  (8 ft platform only)
- Platform top auxiliary rail
- Lift Power™
  - 3 kW AC Generator
  - 12 kW 240 V / 60 Hz Welder
    Ready package
  - 12 kW Welder Equipped, Select
    Lincoln or Miller (12 kW options
    include a fire extinguisher and
    fireproof sleeves)
- Lift Tools Access Deck*
- Lift Tools Expo Installer*
- 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 rockersteer
- Panel cradle package
- Lockable platform control box covers
- Tow package
- Work light package
- Operator Protective Structure**
- Fall Arrest Bar

Power Options

- Cold Weather Packages
- Diesel scrubber/muffler
  (catalytic muffler)
- LPG tank only, steel, 33.5 lb
  (15.19 kg) capacity
- Intake air pre-cleaner
- Positive air shutoff system
  (Deutz engine only)

Options & Accessories

- Cold Weather Packages
- Diesel scrubber/muffler
  (catalytic muffler)
- LPG tank only, steel, 33.5 lb
  (15.19 kg) capacity
- Intake air pre-cleaner
- Positive air shutoff system
  (Deutz engine only)

* Also available as Tier 4i in limited regions
** Available through aftermarket parts only