SELF-PROPELLED TELESCOPIC BOOMS

S™-80 X & S™-85

Specifications

MODELS

<table>
<thead>
<tr>
<th>MEASUREMENTS</th>
<th>S™-80 X US</th>
<th>Metric</th>
<th>S™-85 US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height maximum*</td>
<td>86 ft</td>
<td>26.20 m</td>
<td>91 ft</td>
<td>27.70 m</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>80 ft</td>
<td>24.40 m</td>
<td>85 ft</td>
<td>25.90 m</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>71 ft 6 in</td>
<td>21.80 m</td>
<td>76 ft 6 in</td>
<td>23.30 m</td>
</tr>
<tr>
<td>Below ground reach</td>
<td>6 ft 1 in</td>
<td>1.85 m</td>
<td>9 ft 6 in</td>
<td>2.89 m</td>
</tr>
<tr>
<td>Platform length - 8 ft model</td>
<td>3 ft</td>
<td>0.91 m</td>
<td>3 ft</td>
<td>0.91 m</td>
</tr>
<tr>
<td>Platform length - 6 ft model</td>
<td>2 ft 6 in</td>
<td>0.76 m</td>
<td>2 ft 6 in</td>
<td>0.76 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</td>
<td>9 ft 2 in</td>
<td>2.80 m</td>
<td>9 ft 2 in</td>
<td>2.80 m</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>36 ft 6 in</td>
<td>11.10 m</td>
<td>40 ft</td>
<td>12.20 m</td>
</tr>
<tr>
<td>Length - transport (jib tucked under)</td>
<td>36 ft 6 in</td>
<td>11.10 m</td>
<td>38 ft</td>
<td>11.60 m</td>
</tr>
<tr>
<td>Width</td>
<td>8 ft 2 in</td>
<td>2.50 m</td>
<td>8 ft 2 in</td>
<td>2.50 m</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>9 ft 4 in</td>
<td>2.83 m</td>
<td>9 ft 4 in</td>
<td>2.83 m</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>13 in</td>
<td>3.33 m</td>
<td>13 in</td>
<td>3.33 m</td>
</tr>
</tbody>
</table>

PRODUCTIVITY

| Lift capacity                        | 500 lb/1000 lb | 227 kg/454 kg | 500 lbs | 227 kg |
| Platform rotation                     | 160°          | 160°          |
| Vertical jib rotation                 | 135°          | 135°          |
| Turntable rotation                    | 360° continuous| 360° continuous|
| Turntable tailswing                   | 4 ft 8 in     | 1.42 m        | 4 ft 8 in| 1.42 m |
| Drive speed - stowed - 2WD/4WD        | 3.5 mph       | 5.6 km/h      | 3.5 mph | 5.6 km/h|
| Drive speed - raised/extended         | 0.68 mph      | 1.1 km/h      | 0.68 mph| 1.1 km/h|
| Gradeability - 2WD - stowed**         | 30%           | 30%           |
| Gradeability - 4WD - stowed**         | 45%           | 45%           |
| Turning radius - axle extended: inside| 12 ft         | 3.70 m        | 12 ft   | 3.70 m |
| controls                             | 12 ft 6 in    | 6.60 m        | 21 ft 6 in| 6.60 m |
| Tires - RT lug                       | Foam filled 18-625, 16 ply | Foam filled 18-625, 16 ply |

POWER

| Power source                          | Deutz TD2011 L04i 4 cylinder turbo diesel 74 hp (55 kW) | Perkins 804D-33 4 cylinder diesel 63 hp (47 kW) | Continental TME27 4 cylinder Gasoline/LPG 74 hp (55 kW) |
| Auxiliary power unit                  | 12V DC       | 12V DC       |
| Hydraulic tank capacity              | 40 gal | 150 L | 40 gal | 150 L |
| Fuel tank capacity - diesel          | 35 gal | 132 L | 35 gal | 132 L |
| Fuel tank capacity - gas/LPG         | 30 gal | 113.6 L | 30 gal | 113.6 L |

WEIGHT***

| 2WD                                   | 35,460 lbs | 16,084 kg | 37,900 lbs | 17,191 kg |
| 4WD                                   | 35,560 lbs | 16,130 kg | 38,000 lbs | 17,236 kg |

STANDARDS COMPLIANCE

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

* 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™-80 X & S™-85

Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS
• Steel 8 ft (2.44 m)
• 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 turbocharged diesel 74 hp (55 kW)
• Perkins diesel 63 hp (47 kW)
• Continental Gas/LPG 74 hp (55 kW)

DRIVE OPTIONS
• 2WD
• 4WD

AXLE
• Fixed width with active oscillation

TIRE OPTIONS
• Rough terrain foam-filled (standard)
• Rough terrain non-marking foam-filled
• High floatation air-filled (Increases width by 4 in)

PRODUCTIVITY
• Self-leveling platform
• Hydraulic platform rotation
• Fully proportional Hall effect joystick controls
• Drive enable
• AC power cord to platform
• Horn
• Hour meter
• Tilt alarm
• Descent alarm
• 360° continuous turntable rotation
• Positive traction drive
• Two speed wheel motors

POWER
• 12V DC auxiliary power
• Anti-restart engine protection
• Auto engine fault shutdown
• Catalytic converter muffler (Continental engine only)
• Engine block heater (Continental engine only)

STANDARD FEATURES

MEASUREMENTS

S™-80 X*
• 86 ft (26.38 m) working height
• 71 ft 6 in (21.8 m) horizontal reach
• 500 lbs (227 kg) unrestricted and
1000 lbs (454 kg) restricted lift capacity

S™-85
• 91 ft (27.90 m) working height
• 76 ft 6 in (23.3 m) horizontal reach
• 500 lb (227 kg) lift capacity

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
• Hydraulic oil cooler
• Biodegradable hydraulic oil
• Hostile environment kit
• Deluxe hostile environment kit
• Aircraft protection package
• Tool tray
• Alarm package
• Panel cradle package*
• Platform work lights
• Lockable platform control box covers
• Tow package
• Light package

POWER OPTIONS
• Engine gauge package
• AC generator packages 110V/-220V/50Hz, 3000W)*
• Cold Weather Packages
• Diesel scrubber/spark arrester muffler (catalytic muffler)
• LPG tank only, steel, 33.5 lb (15.19 kg) capacity
• Intake air pre-cleaner

* Available on select models
** Not available on CE machines

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