

Specifications

| Models | S-80 XC | | S-85 XC | |
|---------------------------------------|---------|------------|---------|------------|
| Measurements | Metric | US | Metric | US |
| Working height maximum* | 26.38 m | 86 ft | 27.91 m | 91 ft |
| Platform height maximum | 24.38 m | 80 ft | 25.91 m | 85 ft |
| Horizontal reach maximum | 20.83 m | 68 ft 4 in | 22.71 m | 74 ft 6 in |
| Below ground reach | 1.68 m | 5 ft 6 in | 2.69 m | 8 ft 10 in |
| A Platform length - 8 ft model | 0.91 m | 3 ft | 0.91 m | 3 ft |
| Platform length - 6 ft model | 0.76 m | 2 ft 6 in | 0.76 m | 2 ft 6 in |
| B Platform width - 8 ft model | 2.44 m | 8 ft | 2.44 m | 8 ft |
| Platform width - 6 ft model | 1.83 m | 6 ft | 1.83 m | 6 ft |
| C Height - stowed | 2.80 m | 9 ft 2 in | 2.80 m | 9 ft 2 in |
| D Length - stowed | 11.30 m | 37 ft 1 in | 12.37 m | 40 ft 7 in |
| Length - transport (jib tucked under) | | | 11.60 m | 38 ft |
| E Width | 2.49 m | 8 ft 2 in | 2.49 m | 8 ft 2 in |
| F Wheelbase | 2.85 m | 9 ft 4 in | 2.85 m | 9 ft 4 in |
| G Ground clearance - center | 0.40 m | 15.8 in | 0.40 m | 15.8 in |

Productivity

| | | | | |
|--------------------------------------|---------------------|------------|---------------------|------------|
| Maximum lift capacity - unrestricted | 300 kg | 660 lb | 300 kg | 660 lb |
| - restricted | 454 kg | 1,000 lb | 454 kg | 1,000 lb |
| Platform rotation | 160° | 160° | 160° | 160° |
| Vertical jib rotation | | | 135° (+ 78° /- 57°) | |
| Turntable rotation | 360° continuous | | 360° continuous | |
| Turntable tailswing | 1.60 m | 5 ft 3 in | 1.60 m | 5 ft 3 in |
| Drive speed - stowed | 5.4 km/h | 3.3 mph | 5.4 km/h | 3.3 mph |
| - raised/extended | 0.3 m/s | 0.95 mph | 0.3 m/s | 0.95 mph |
| Gradeability - stowed** | 45% | 45% | 45% | 45% |
| Turning radius : inside | 3.66 m | 12 ft | 3.66 m | 12 ft |
| outside | 6.55 m | 21 ft 6 in | 6.55 m | 21 ft 6 in |
| Controls | 12V DC proportional | | 12V DC proportional | |
| Tyres - RT foam filled | 18-625, 16 ply | | 18-625, 16 ply | |

Power

Power source Deutz TD 2011 L04i turbo diesel 4 cylinder 74 hp (55 kW) Stage IIIA
Deutz TCD2.2 L3 turbo diesel 3-cylinder 74hp (55 kW) Stage V

| | | | | |
|-----------------------------|--------|--------|--------|--------|
| Auxiliary power unit | 12V DC | 12V DC | 12V DC | 12V DC |
| Hydraulic tank capacity | 150 L | 40 gal | 150 L | 40 gal |
| Fuel tank capacity - diesel | 132 L | 35 gal | 132 L | 35 gal |

Sound & Vibration Levels

| | | | | |
|---|-----------------------|---------------------------|-----------------------|---------------------------|
| Sound pressure level (ground workstation) | 83 dBA | 83 dBA | 83 dBA | 83 dBA |
| Sound pressure level (platform workstation) | 71 dBA | 71 dBA | 71 dBA | 71 dBA |
| Vibration | <2.5 m/s ² | <8 ft 2 in/s ² | <2.5 m/s ² | <8 ft 2 in/s ² |

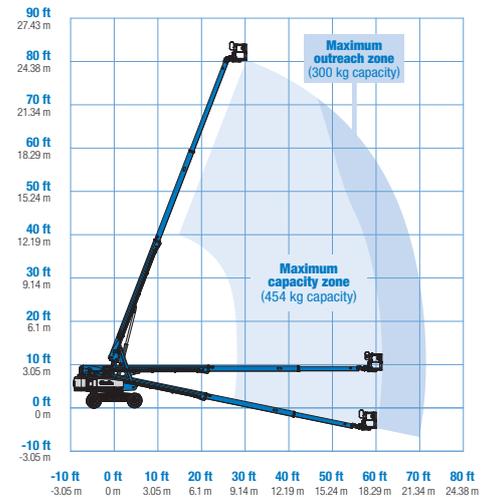
Weight***

| | | | | |
|-----|-----------|------------|-----------|------------|
| 4WD | 16,783 kg | 37,000 lbs | 17,917 kg | 39,500 lbs |
|-----|-----------|------------|-----------|------------|

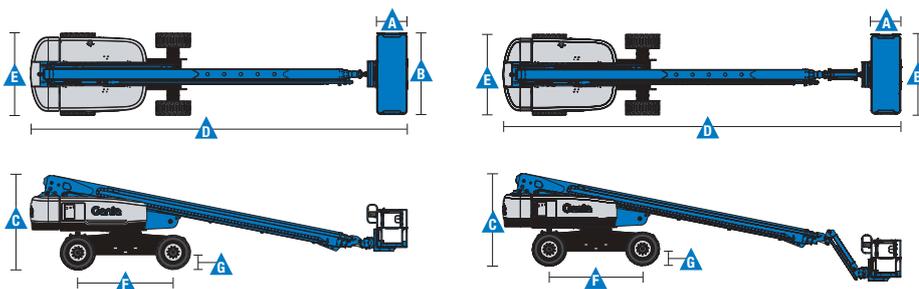
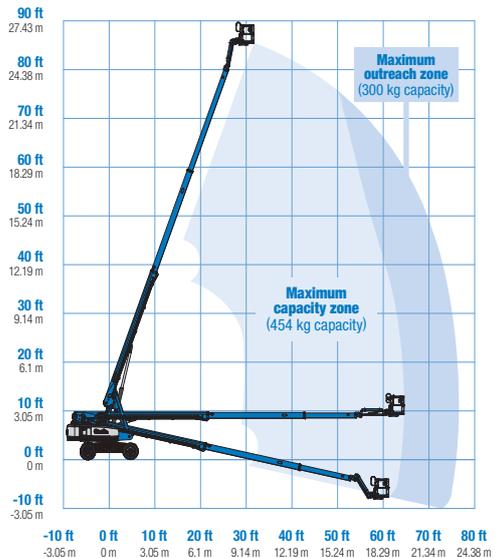
Standards Compliance

EU Directives: 2006/42/EC - Machinery (harmonized standard EN 280:2013+A1:2015); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

Range Of Motion S-80 XC



Range Of Motion S-85 XC



* 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 | Easily Configured To Meet Your Needs | Options & Accessories |
|-------------------|--------------------------------------|-----------------------|
|-------------------|--------------------------------------|-----------------------|

Measurements

S-80 XC

- 26.38 m (86 ft) working height
- 20.83 m (68 ft 4 in) horizontal reach
- 300 kg (660 lb) unrestricted and 454 kg (1,000 lb) restricted lift capacity

S-85 XC

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

Productivity

- Self-leveling platform
- 160° hydraulic platform rotation
- Thumb rocker steering
- Proportional joystick controls
- Hydraulic oil cooler
- Drive enable system
- Chassis tilt drive function cut-out
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent motion & travel alarms
- Flashing beacon
- 360° continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- On board full diagnostics and engine monitoring display
- Dual battery system
- Telematics ready connector
- Lift Guard[™] Contact Alarm
- Lift Connect[™] Telematics
- Lift Tool[™] Work Tray

Power

- 12 V DC auxiliary power
- Anti-restart engine protection
- Engine gauge package
- Auto engine fault shutdown
- Intake air heater (Deutz engine)

Platform Options

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

Jib Options

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

Engine Options

- Deutz TD 2011 L04i turbo diesel 4 cylinder 74 hp (55 kW) Stage IIIA
- Deutz TCD2.2 L3 turbo diesel 3-cylinder 74hp (55 kW) Stage V

Drive

- 4 x 4

Axle

- Active oscillation (standard)

Tyre Options

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

Productivity Options

- Half-mesh platform inserts
- Platform auxiliary top rail
- Power to platform: plug, socket, with optional Residual-current Circuit Breaker with Overcurrent protection⁽²⁾
- Work lights package (2 on chassis, 2 on platform)⁽²⁾
- Dual axis joystick steering
- Biodegradable hydraulic oil
- Hostile environment kit⁽²⁾: cylinder bellows, boom wiper seals, platform and ground control box cover
- Deluxe hostile environment kit⁽²⁾: adds to basic kit center turntable shield, ring gear guard, tail pipe guard, engine cover flaps and air pre-cleaner
- Chassis tilt lift function cut-out kit
- Panel cradle package
- Track & Trace⁽¹⁾ (GPS unit providing machine location & operating information)
- Lockable platform & ground control box covers
- Tow package⁽²⁾
- Operator Protective Structure⁽³⁾
- Genie Tech Pro Link Hand-held Diagnostics Device

Power Options

- Lift Power[™] 3kW AC generator, 110V/60Hz, 110V/50Hz or 240V/50Hz
- Cold Weather Recirc Kit: 5W-40 Synthetic Engine Oil, Oil Pan Heater, Battery Heater, Platform Manifold Recirculation and Hydraulic Tank Heater⁽²⁾
- Low temperature cut-out module
- EMEAR Cold Start kit: Inc. Engine heater & battery charger
- Diesel catalytic scrubber muffler⁽²⁾
- Diesel air intake pre-cleaner⁽²⁾
- Positive air shutdown system

⁽¹⁾ Includes a first 2 years subscription

⁽²⁾ Factory-fit option only

⁽³⁾ Aftermarket only

