Genie
A TEREX BRAND

Self-Propelled Telescopic Booms

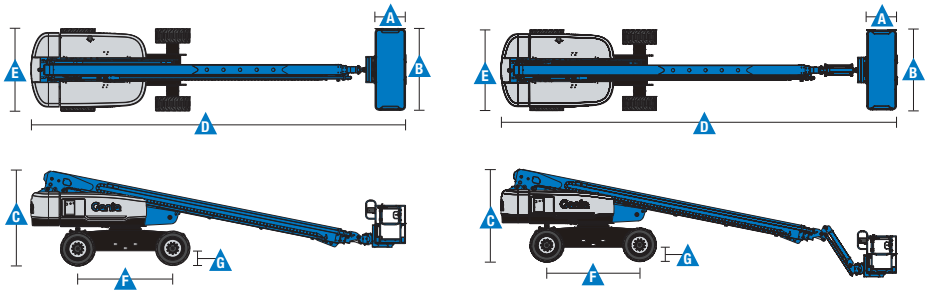
S®-80 XC™ & S®-85 XC™

Specifications

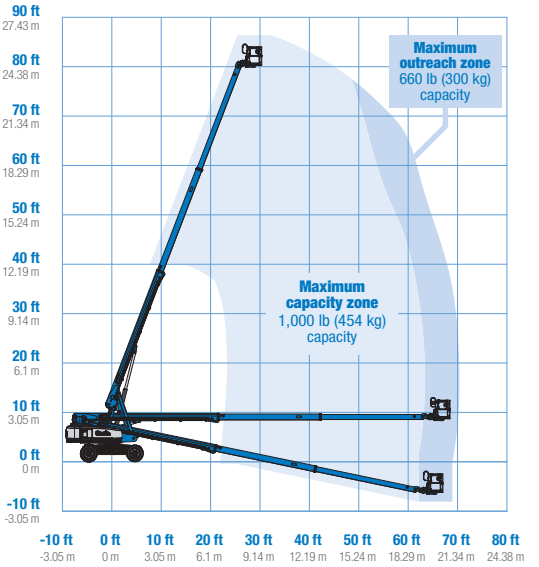
Models	S-80 XC		S-85 XC	
Measurements	**US**	**Metric**	**US**	**Metric**
Working height maximum*	86 ft	26.38 m	91 ft	27.74 m
Platform height maximum	80 ft	24.38 m	85 ft	25.91 m
Horizontal reach maximum	68 ft 4 in	20.83 m	74 ft 6 in	22.71 m
Below ground reach	5 ft 6 in	1.68 m	8 ft 10 in	2.69 m
A Platform length - 8 ft model	3 ft	0.91 m	3 ft	0.91 m
Platform length - 6 ft model	2 ft 6 in	0.76 m	2 ft 6 in	0.76 m
B Platform width - 8 ft model	8 ft	2.44 m	8 ft	2.44 m
Platform width - 6 ft model	6 ft	1.83 m	6 ft	1.83 m
C Height - stowed	9 ft 4 in	2.85 m	9 ft 4 in	2.85 m
D Length - stowed	36 ft 2 in	11.02 m	40 ft 7 in	12.37 m
Length - transport (jib tucked under)	———	———	33 ft 8 in	10.25 m
E Width	8 ft 2 in	2.49 m	8 ft 2 in	2.49 m
F Wheelbase	9 ft 4 in	2.85 m	9 ft 4 in	2.85 m
G Ground clearance - center	15.8 in	40 cm	15.8 in	40 cm
Productivity				
Maximum lift capacity - unrestricted	660 lb	300 kg	660 lb	300 kg
- restricted	1,000 lb	454 kg	1,000 lb	454 kg
Platform rotation	160°		160°	
Vertical jib rotation	———		135°	
Turntable rotation	360° continuous		360° continuous	
Turntable tailswing	5 ft 3 in	1.6 m	5 ft 3 in	1.6 m
Drive speed - stowed	3.0 mph	4.8 km/h	3.0 mph	4.8 km/h
- raised/extended	0.5 mph	0.2 m/s	0.5 mph	0.2 m/s
Gradeability - stowed**	45%		45%	
Turning radius: inside	12 ft	3.66 m	12 ft	3.66 m
outside	21 ft 6 in	6.55 m	21 ft 6 in	6.55 m
Controls	12V DC proportional		12V DC proportional	
Tires - RT lug	Foam filled 18-625, 16 ply		Foam filled 18-625, 16 ply	
Power				
Power source	74 hp (55 kW) Deutz turbo diesel, Tier 4f, 2.9 L 58 hp (43.25 kW) Perkins turbo diesel, Tier 4, 404D-22T 70 hp (52.2 kW) GM gas/LPG 3.0L			
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
- gas/LPG	30 gal	114 L	30 gal	114 L
Weight* **				
	37,000 lbs	16,783 kg	39,500 lbs	17,917 kg

Standards Compliance

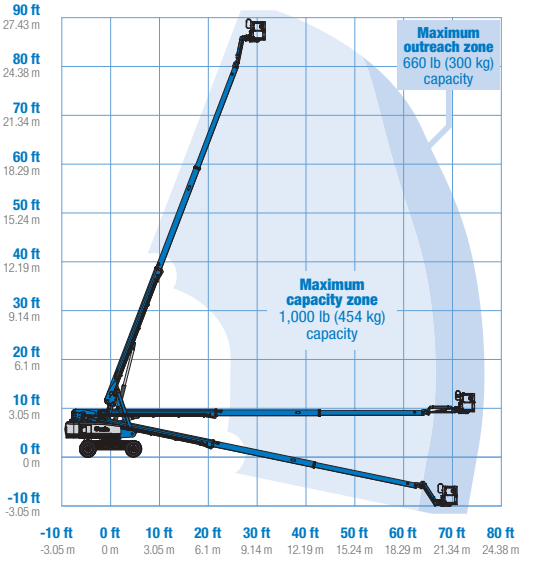
ANSI A92.20, CSA B354.7, EN 280, AS 1418.10



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.

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Features

Standard Features

Measurements

S-80 XC

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

S-85 XC

- 91 ft (27.91 m) working height
- 74 ft 6 in (22.71 m) horizontal reach
- 660 lbs (300 kg) unrestricted and 1,000 lbs (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
- Telematics ready connector
- Platform Load sense system
- Entry Toeboard
- Hydraulic oil cooler
- Alarm package
- Work tray
- Lift Guard™ Contact Alarm

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

Axle

- Active oscillation

Tire Options

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

Options & Accessories

Productivity Options

- Half mesh platform inserts
- 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)
- 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

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

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