

Genie® SX™ -180

Specifications

Models	SX-180	
Measurements	US	Metric
Working height max.(1)	186 ft	56.86 m
Platform height max.	180 ft	54.86 m
Horizontal reach max.	80 ft	24.38 m
Below ground reach	2 ft	0.61 m
A Platform length	3 ft	0.91 m
B Platform width	8 ft	2.44 m
C Height - stowed	10 ft	3.05 m
D Length - stowed	53 ft 1 in	16.18 m
D Length - storage/transport (jib tucked under)	42 ft 8 in	13m
E Width (axles retracted)	8 ft 2 in	2.49 m
E Width (axles extended)	16 ft 6 in	5.03 m
F Wheelbase (axles retracted)	16 ft 6 in	5.03 m
F Wheelbase (axles extended)	15 ft 6 in	4.72 m
G Ground clearance - center	1 ft 3 in	0.38 m
H Height under counterweight	4 ft 1 in	1.24 m

Productivity

Lift capacity max. - unrestricted	750 lb	340 kg
Number of Platform Occupants	2	
Platform rotation	160°	
Jib length	10 ft	3.05 m
Vertical jib rotation (up/down)	135°	
Horizontal jib rotation	60°	
Turntable rotation	360°	
Turntable tailswing (axles retracted)	3 ft 9 in	1.14 m
Turntable tailswing (axles extended)	3 ft 6 in	1.07 m
Drive speed - stowed	2.3 mph	3.7 km/h
Drive speed - raised	0.4 mph	0.65 km/h
Gradeability - stowed ⁽²⁾	35%	
Tilt sensor activation (front to back/side to side)	4.5° / 3°	
Turning radius - inside/outside (axle retracted)	20 ft 7 in / 28 ft 1 in	6.28 m / 8.56 m
Turning radius - inside/outside (axle extended)	9 ft 11 in / 24 ft 1 in	3.02 m / 7.34 m
Tires	445D50/710	

Power

Power		Diesel
Hydraulic tank capacity	110 gal	416 L
Fuel tank capacity	50 gal	189.3 L

Weight(3) and Floor Loading(4)

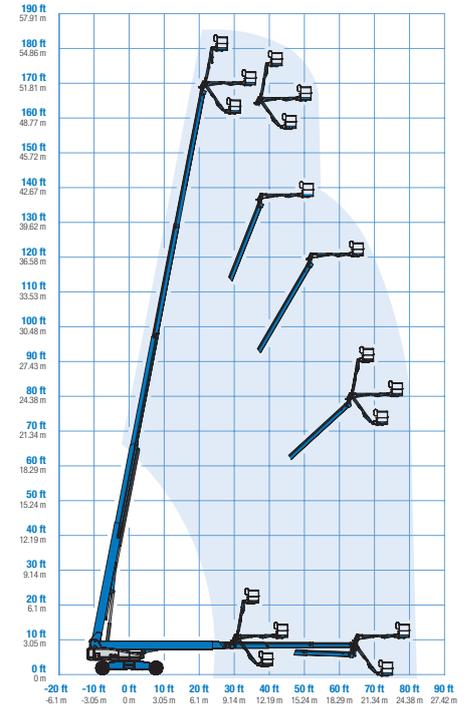
Weight	55,000 lb	24,948 kg
Tire contact pressure	130 psi	896 kPa
Occupied floor pressure, axles retracted/extended	337 psf / 175 psf	16.12 kPa / 8.39 kPa

Sound and Vibration Levels

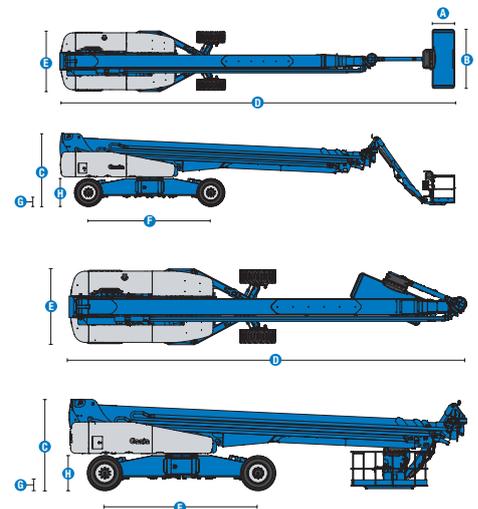
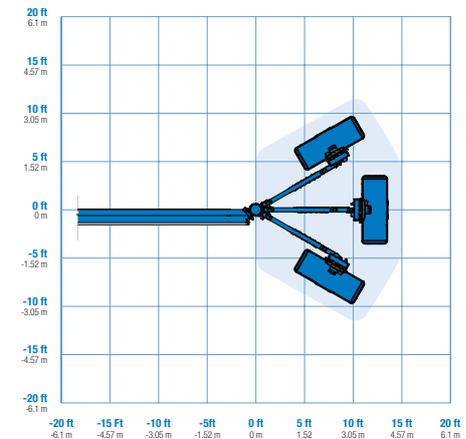
Sound Pressure level (ground workstation)	91 dBA
Sound Pressure level (platform workstation)	75 dBA
Vibrations	< 2.5 m/s ²

(1) The metric equivalent of working height adds 2 m to platform height. The imperial equivalent adds 6 ft to platform height.
 (2) Gradeability applies to driving on slopes and may vary depending on options and machine configurations. See operator's manual for details regarding slope ratings.
 (3) Weight refers to standard configuration and may vary depending on options and/or country standards.
 (4) Floor loading information is approximate and may vary depending on options and machine configurations. It should be used only with adequate safety factors.

Range of motion SX-180



Jib range of motion SX-180



Genie® SX™ -180

SKU: Standard Model

- SX-180, 4WD*

* Build to Order

Option availability		S	S+	BtO
Power	74 hp, 55 kW, Deutz TD2011, Turbo Diesel, T4i/Stage IIIA/CN III			<input type="radio"/>
	74 hp, 55 kW, Deutz TCD2.2L, Turbo Diesel, Stage V			<input checked="" type="checkbox"/>
	Cold weather package			<input type="radio"/>
	Diesel air intake pre-cleaner			<input type="radio"/>
	Diesel catalytic scrubber muffler (T4i/Stage IIIA/CN III)			<input type="radio"/>
	Positive air shutdown system			<input type="radio"/>
	Anti-restart engine protection			<input checked="" type="checkbox"/>
	Auto engine fault shutdown			<input checked="" type="checkbox"/>
	In cylinder glow plug (diesel only)			<input checked="" type="checkbox"/>
	Platform	8ft/2.44m tri-entry platform with side swing gate		
Dual axis joystick steering				<input type="radio"/>
Thumb rocker steering				<input checked="" type="checkbox"/>
Air line to platform				<input type="radio"/>
Control box covers				<input type="radio"/>
Lift Guard Full Mesh panels				<input type="radio"/>
Lift Guard Half Mesh panels				<input type="radio"/>
Light Package: drive and work lights				<input type="radio"/>
7.5kW AC Generator 110V/50Hz				<input type="radio"/>
7.5kW AC Generator 220V/50Hz				<input type="radio"/>
10 ft/3.05 m Rotating Jib				<input checked="" type="checkbox"/>
4 Steering modes				<input checked="" type="checkbox"/>
750lb/340kg lift capacity				<input checked="" type="checkbox"/>
Drive enable system				<input checked="" type="checkbox"/>
Horn				<input checked="" type="checkbox"/>
Lift Guard Contact Alarm				<input checked="" type="checkbox"/>
Lift Guard Lanyard Alert				<input type="radio"/>
Lift Guard Lanyard Alert Advanced				<input type="radio"/>
Lift Tools Work Tray				<input checked="" type="checkbox"/>
Platform load sense system				<input checked="" type="checkbox"/>
Proportional controls			<input checked="" type="checkbox"/>	
Self-leveling platform			<input checked="" type="checkbox"/>	
Slew ring cover ring guard			<input checked="" type="checkbox"/>	
Chassis	Telematics-ready connector			<input checked="" type="checkbox"/>
	Lift Connect Telematics			<input checked="" type="checkbox"/>
	Lift Connect with Access Manager upgrade			<input type="radio"/>
	Eco32 biodegradable hydraulic oil			<input type="radio"/>
	Rough terrain, foam-filled tires			<input checked="" type="checkbox"/>
	Hostile environment kit			<input type="radio"/>
	Chassis tilt lift and drive function cut-out			<input type="radio"/>
	2 speed wheel motors			<input checked="" type="checkbox"/>
	Alarm package: includes flashing beacon and travel alarm			<input checked="" type="checkbox"/>
	Chassis tilt drive function cut-out			<input checked="" type="checkbox"/>
	Descent, tilt and motion alarm			<input checked="" type="checkbox"/>
	Dual battery system			<input checked="" type="checkbox"/>
	Hour meter			<input checked="" type="checkbox"/>
	Hydraulic oil cooler			<input checked="" type="checkbox"/>
Positive traction drive			<input checked="" type="checkbox"/>	
Tech Pro Link connector			<input checked="" type="checkbox"/>	
XChassis extendable axles			<input checked="" type="checkbox"/>	

Positive air shutdown system for Stage V only

- S Standard
- S+ Standard +
- BtO Build to Order
- ✓ Standard Features
- Options



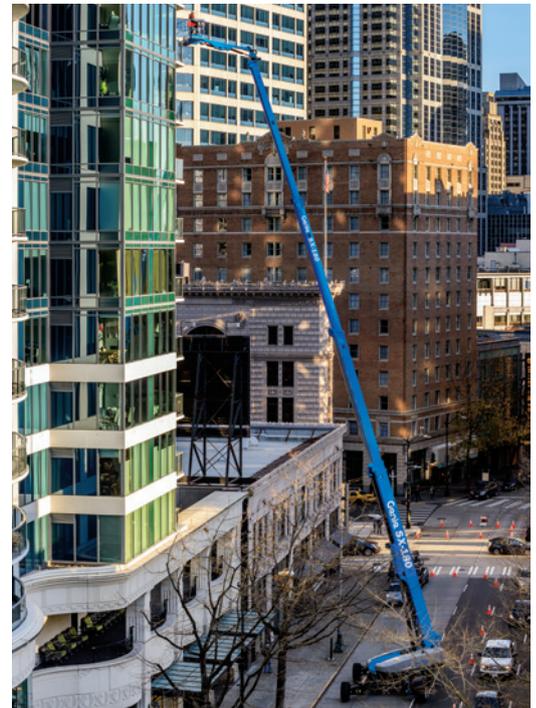
Stability



750lb/340kg Lift Capacity



Rotating Jib 10ft/3.05m



Genie Genuine Accessories⁽¹⁾

- Lift Tools Productivity Tools
- Lift Connect Telematics
- Tech Pro Link Handheld Device

(1) More accessories available from Genie Genuine Parts.

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