Genie® S®-40 XC™ & S-45 XC, S-40 TraX™ & S-45 TraX

Specifications

Models	S-40 XC & S-40 TraX		S-45 XC & S-45 TraX	
Measurements	**US**	**Metric**	**US**	**Metric**
Working height max.(1)	45 ft 6 in	14.04 m	50 ft 6 in	15.56 m
Platform height max.	39 ft 6 in	12.04 m	44 ft 6 in	13.56 m
Horizontal reach max.	31 ft 1 in	9.47 m	36 ft 2 in	11.02 m
Below ground reach	1 ft	0.30 m	4 ft 2 in	1.27 m
A Platform length (8 ft/6 ft)	3 ft/2 ft 6 in	0.91 m/0.76 m	3 ft/2 ft 6 in	0.91 m/0.76 m
B Platform width (8 ft/6 ft)	8 ft/6 ft	2.44 m/1.83 m	8 ft/6 ft	2.44 m/1.83 m
C Height - stowed (tires)	8 ft 3 in	2.51 m	8 ft 3 in	2.51 m
C Height - stowed (TraX)	8 ft 5 in	2.56 m	8 ft 5 in	2.56 m
D Length - stowed (tires)	26 ft 4 in	8.03 m	31 ft 1 in	9.47 m
D Length - stowed (TraX)	26 ft 4 in	8.03 m	31 ft 1 in	9.47 m
E Width (tires)	8 ft 2 in	2.49 m	8 ft 2 in	2.49 m
E Width (TraX)	8 ft 1 in	2.46 m	8 ft 1 in	2.46 m
F Wheelbase	8 ft	2.44 m	8 ft	2.44 m
G Ground clearance - center (tires)	1 ft .5 in	0.32 m	1 ft .5 in	0.32 m
G Ground clearance - center (TraX)	1 ft	0.30 m	1 ft	0.30 m
H Height under counterweight	3 ft 4 in	1.02 m	3 ft 4 in	1.02 m

Productivity

Lift capacity max. - unrestricted	660 lb	300 kg	660 lb	300 kg
Lift capacity max. - restricted	1,000 lb	454 kg	1,000 lb	454 kg
Number of Platform Occupants (restricted/unrestricted)	3/2		3/2	
Platform rotation	160°		160°	
Jib length	—		5 ft	1.52 m
Vertical jib rotation (up/down)	—		133°	
Turntable rotation	360°		360°	
Turntable tailswing	36 in	0.97 m	36 in	0.97 m
Drive speed - stowed (tires)	4.0 mph	6.40 km/h	4.0 mph	6.40 km/h
Drive speed - stowed (TraX)	2.5 mph	4 km/h	2.5 mph	4 km/h
Drive speed - raised (tires)	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Drive speed - raised (TraX)	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Gradeability - stowed(2)	45 %		45 %	
Tilt sensor activation (front to back/side to side)	7° / 5°		7° / 5°	
Turning radius - inside/outside (tires)	6 ft 10 in/ 17 ft 2 in	2.08 m/ 5.23 m	6 ft 10 in/ 17 ft 2 in	2.08 m/ 5.23 m
Turning radius - inside/outside (TraX)	6 ft 8 in/17 ft	2.03 m/5.18 m	6 ft 8 in/17 ft	2.03 m/5.18 m
Tires	315/55D20		315/55D20	
Track system - 4 points	TraX		TraX	

Power

Power	Diesel		Diesel	
Hydraulic tank capacity	38 gal	144 L	38 gal	144 L
Fuel tank capacity	35 gal	132 L	35 gal	132 L

Weight(3) and Floor Loading(4)

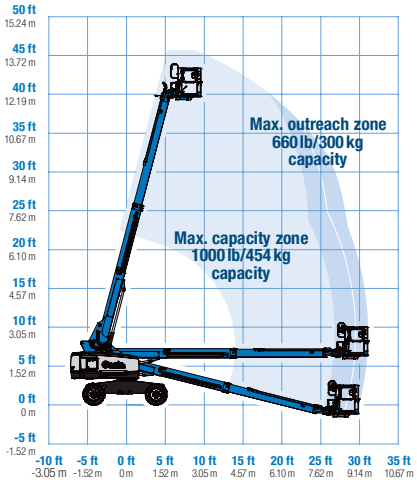
Weight (tires)	13,945 lb	6,325 kg	15,800 lb	7,167 kg
Weight (TraX)	15,364 lb	6,969 kg	17,150 lb	7,779 kg
Tire contact pressure	92 psi	634 kPa	92 psi	634 kPa
Track contact pressure	20 psi	138 kPa	22 psi	152 kPa
Occupied floor pressure (tires)	162 psf	7.76 kPa	187 psf	8.95 kPa
Occupied floor pressure (TraX)	164 psf	7.84 kPa	187 psf	8.95 kPa

Sound and Vibration Levels

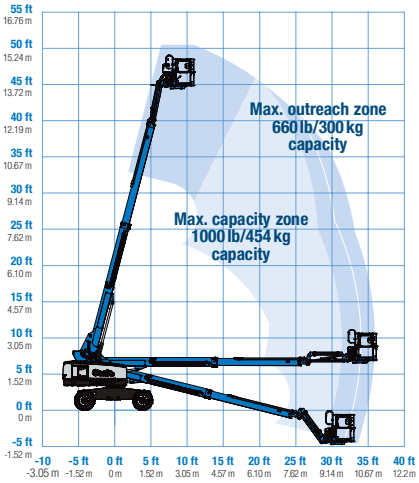
Sound Pressure level (ground workstation)	89 dBA	89 dBA
Sound Pressure level (platform workstation)	77 dBA	77 dBA
Vibrations	< 2.5 m/s²	< 2.5 m/s²

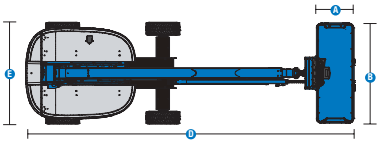
(1) The metric equivalent of working height adds 2 m to platform height. The imperial equivalent adds 6 ft to platform height.
(2) Gradeability applies to driving on slopes and may vary depending on options and machine configurations. See operator's manual for details regarding slope ratings.
(3) Weight 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.

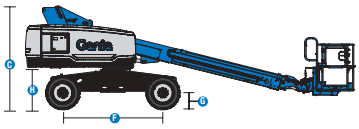
Range of motion S-40 XC/S-40 TraX

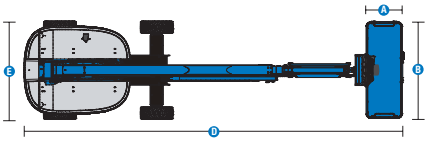


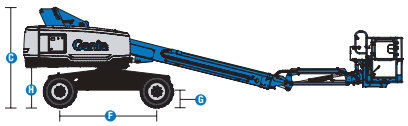
Range of motion S-45 XC/S-45 TraX











Genie® S®-40 XC™ & S-45 XC, S-40 TraX™ & S-45 TraX

SKU: Standard Model

- **S40XC001AV0009:** S-40 XC, 4WD

* Build to Order

SKU: Standard Model

- **S45XC001AF0025:** S-45 XC, 4WD

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Option availability		S	S+	Bt0
Power	48 hp, 36 kW, Deutz D2011, Diesel, T4i/Stage IIIA	✔	✔	✔
	49 hp, 37 kW, Perkins 404F-E22T, Turbo Diesel, T4i			❍
	60 hp, 45 kW, Ford 2.5L, Gas/LPG			❍
	60 hp, 45 kW, Ford 2.5L, Gas/LPG			❍
	Cold weather package			❍
	Diesel air intake pre-cleaner			❍
	Diesel catalytic scrubber muffler (T4i/Stage IIIA/CN III)			❍
	Positive air shutdown system			❍
	Scrub/spark arrest			❍
	Anti-restart engine protection	✔	✔	✔
	Auto engine fault shutdown	✔	✔	✔
	In cylinder glow plug (diesel only)	✔	✔	✔
Platform	6ft/1.83m dual-entry platform with side swing gate			❍
	8ft/2.44m tri-entry platform with side swing gate	✔	✔	✔
	Dual axis joystick steering	✔	✔	✔
	Thumb rocker steering			❍
	Air line to platform			❍
	Control box covers			❍
	Lift Guard Full Mesh panels			❍
	Lift Guard Half Mesh panels			❍
	Light Package: drive and work lights			❍
	Platform auxiliary top rail			❍
	Lift Power 3kW AC Generator, 110V/60Hz			❍
	Lift Power 3kW AC Generator, 220V/50Hz			❍
	Lift Power 12kW Welder Ready			❍
	660lb/300kg & 1000lb/454kg dual load capacity with automatic envelope control	✔	✔	✔
	Drive enable system	✔	✔	✔
	Horn	✔	✔	✔
	Lift Guard Contact Alarm	✔	✔	✔
	Lift Tools Work Tray	✔	✔	✔
	Platform load sense system	✔	✔	✔
	Proportional controls	✔	✔	✔
	Self-leveling platform	✔	✔	✔
Chassis	Lift Connect Telematics			❍
	Telematics-ready	✔	✔	✔
	Lift Connect with Access Manager upgrade			❍
	Biodegradable hydraulic oil			❍
	Cold weather hydraulic oil			❍
	Fire resistant hydraulic oil			❍
	High floatation, air-filled tires			❍
	Rough terrain, foam-filled tires	✔	✔	✔
	Rough terrain, foam-filled, non-marking tires			❍
	TraX quadra track drive system			❍
	Deluxe hostile environment kit			❍
	Hostile environment kit			❍
	LPG tank 33.5 lb			❍
	Tow package			❍
	2 speed wheel motors	✔	✔	✔
	Active oscillating axle	✔	✔	✔
	Alarm package: includes flashing beacon and travel alarm	✔	✔	✔
	Chassis tilt lift and drive function cut-out	✔	✔	✔
	Descent, tilt and motion alarm	✔	✔	✔
	Dual battery system	✔	✔	✔
	Hour meter	✔	✔	✔
	Hydraulic oil cooler	✔	✔	✔
	Tech Pro Link connector	✔	✔	✔

Positive air shutdown system for Deutz engines only

S	Standard
S+	Standard +
Bt0	Build to Order
✔	Standard Features
❍	Options

Rugged Terrainability

Xtra Capacity

Zero-Load Calibration

Genie Genuine Accessories(1)

- Lift Tools Productivity Tools
- Tech Pro Link Handheld Device

(1) More accessories available from Genie Genuine Parts.

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