

Genie® S®-45 XC™ & S-45 TraX™

Specifications

Models	S-45 XC & S-45 TraX	
Measurements	US	Metric
Working height max. ⁽¹⁾	50 ft 6 in	15.56 m
Platform height max.	44 ft 6 in	13.56 m
Horizontal reach max.	36 ft 2 in	11.02 m
Below ground reach	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
B Platform width (8 ft/6 ft)	8 ft/6 ft	2.44 m/1.83 m
C Height - stowed (tires)	8 ft 3 in	2.51 m
C Height - stowed (TraX)	8 ft 5 in	2.56 m
D Length - stowed (tires)	31 ft 1 in	9.47 m
D Length - stowed (TraX)	31 ft 1 in	9.47 m
D Length - storage/transport (jib tucked under)	24 ft 2 in	7.37 m
E Width (tires)	8 ft 2 in	2.49 m
E Width (TraX)	8 ft 1 in	2.46 m
F Wheelbase	8 ft	2.44 m
G Ground clearance - center (tires)	1 ft .5 in	0.32 m
G Ground clearance - center (TraX)	1 ft	0.30 m
H Height under counterweight	3 ft 4 in	1.02 m

Productivity

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

Power

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

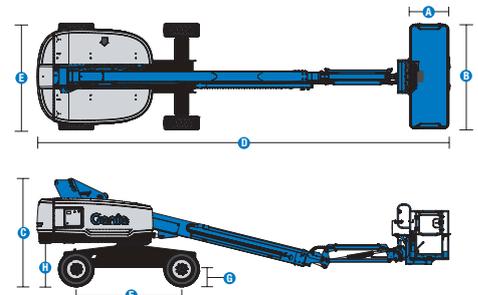
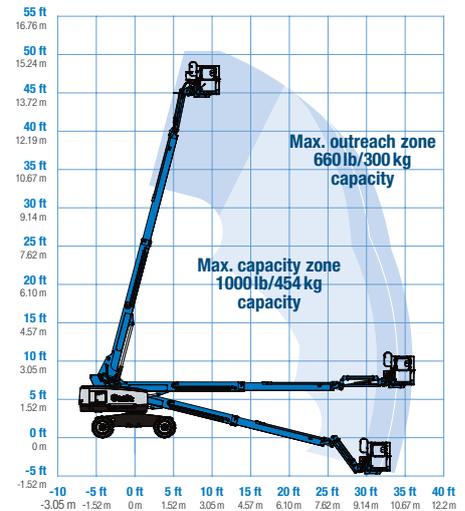
Weight⁽³⁾ and Floor Loading⁽⁴⁾

Weight (tires)	16,300 lb	7,394 kg
Weight (TraX)	17,540 lb	7,956 kg
Tire contact pressure	92 psi	634 kPa
Track contact pressure	22 psi	152 kPa
Occupied floor pressure (tires)	187 psf	8.95 kPa
Occupied floor pressure (TraX)	187 psf	8.95 kPa

Sound and Vibration Levels

Sound Pressure level (ground workstation)	89 dBA
Sound Pressure level (platform workstation)	77 dBA
Vibrations	< 2.5 m/s ²

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



(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.

Genie® S®-45 XC™ & S-45 TraX™

SKU: Standard Model

- S-45 XC, Stage IIIA, 4WD (110V)*
- **S45XC001CE0024:** S-45 XC, Stage IIIA, 220V, 4WD
- **S45XC001CV0033:** S-45 XC, 110V, 4WD
- **S45XC001CV0006:** S-45 XC, 220V, 4WD

* Build to Order

SKU: Standard Model

- **S45XC001CE0021:** S-45 XC, 220V, 4WD, Control box covers
- **S45XC001CE0023:** S-45 XC, 110V, Lift Power 3kW, 4WD
- **S45XC001CE0022:** S-45 XC, 220V, Lift Power 3kW, 4WD

Option availability	S	S+	BtO
Power			
48 hp, 36 kW, Deutz D2011, Diesel, T4i/Stage IIIA			○
49 hp, 36 kW, Deutz TD2.2L, Turbo Diesel, Stage V	✓	✓	✓
Cold weather package		○	○
Diesel air intake pre-cleaner			○
Diesel catalytic scrubber muffler (T4i/Stage IIIA/CN III)			○
Positive air shutdown system			○
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	✓	✓	✓
6ft/1.83m Aircraft protection platform with sliding mid-rail			○
Power to platform, no RCBO	✓	✓	✓
Power to platform with RCBO		○	○
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/50Hz			○
Lift Power 3kW AC Generator, 220V/50Hz			○
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	✓	✓	✓
Lift Connect with Access Manager upgrade		○	○
Eco32 biodegradable hydraulic oil		○	○
Rough terrain, foam-filled tires	✓	✓	✓
Rough terrain, foam-filled, non-marking tires			○
TraX quadra track drive system			○
Deluxe hostile environment kit			○
Hostile environment kit			○
Chassis tilt lift function cut-out		○	○
Tow package			○
Active oscillating axle	✓	✓	✓
Alarm package: includes flashing beacon and travel alarm	✓	✓	✓
Descent, tilt and motion alarm	✓	✓	✓
Dual battery system	✓	✓	✓
Hour meter	✓	✓	✓
Hydraulic oil cooler	✓	✓	✓
Positive traction drive	✓	✓	✓
Tech Pro Link connector	✓	✓	✓
Wheel motors 2 speed	✓	✓	✓

Positive air shutdown system for Stage V only

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



Rugged Terrainability



Xtra Capacity



Zero-Load Calibration



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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