

Genie® Z[®]-45 XC™

Specifications

Models	Z-45 XC	
Measurements	US	Metric
Working height max. ⁽¹⁾	51 ft 6 in	15.86 m
Platform height max.	45 ft 6 in	13.86 m
Horizontal reach max.	24 ft 9 in	7.55 m
Up and over clearance max.	24 ft 5 in	7.44 m
A Platform length	2 ft 6 in	0.76 m
B Platform width	6 ft	1.83 m
C Height - stowed	7 ft 4 in	2.25 m
D Length - stowed	21 ft 10 in	6.65 m
E Width	7 ft 6 in	2.29 m
F Wheelbase	6 ft 8 in	2.03 m
G Ground clearance - center	14.8 in	0.37 m

Productivity

Lift capacity max. - unrestricted	660 lb	300 kg
Lift capacity max. - restricted	1,000 lb	454 kg
Platform rotation		160°
Jib length	5 ft	1.52 m
Vertical jib rotation		133°
Turntable rotation		355°
Turntable tailswing	0 in	0 cm
Drive speed - stowed ⁽²⁾	4.5 mph	7.24 km/h
Drive speed - raised	0.61 mph	0.98 km/h
Gradeability - stowed ⁽²⁾		45%
Tilt sensor activation (front to back/side to side)		4.5° / 4.5°
Turning radius - inside/outside	5 ft 6 in / 14 ft 9 in	1.68 m / 4.50 m
Tires (foam-filled)		315/55 D20

Power

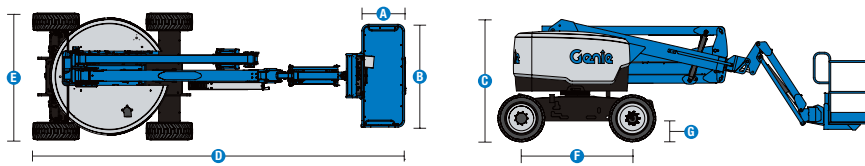
Power		Diesel
Auxiliary power unit		12V DC
Hydraulic tank capacity	22 gal	83 L
Fuel tank capacity	17 gal	64 L

Weight⁽³⁾ and Floor Loading⁽⁴⁾

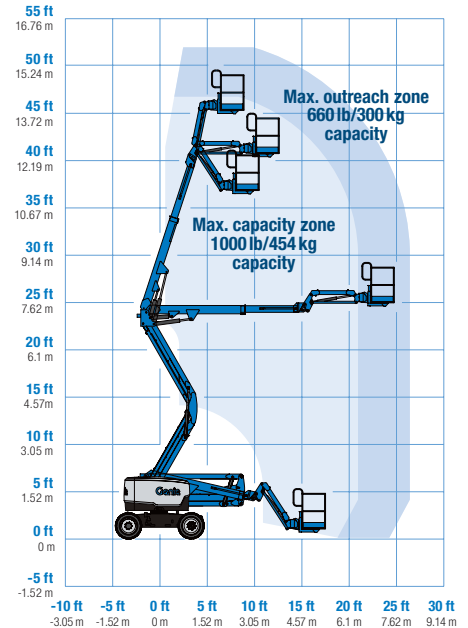
Weight	16,360 lb	7,421 kg
Tire contact pressure	80 psi	552 kPa
Occupied floor pressure (tires)	231 psf	11.08 kPa

Sound and Vibration Levels

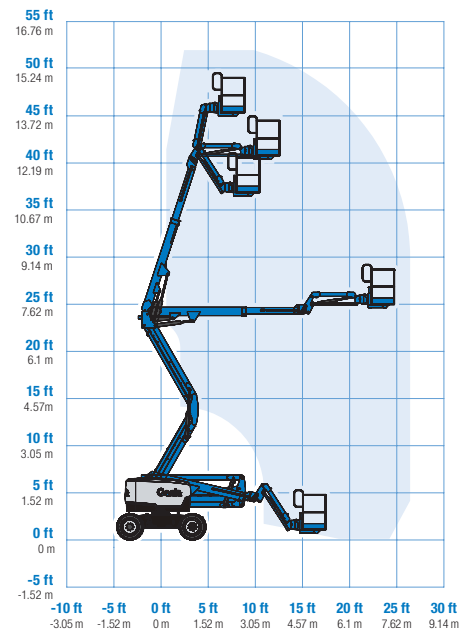
Sound Pressure level (ground workstation)		87 dBA
Sound Pressure level (platform workstation)		82 dBA
Vibrations	8 ft 2 in/s ²	2.5 m/s ²



Range of motion Z-45 XC



Range of motion Z-45 HF



(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® Z[®]-45 XC™

SKU: Standard Model

• Z45XC001UI0042: Z-45 XC, 4WD

* Build to Order

Option availability		S	S+	BtO	
Power	48 hp, 35.8 kW, Deutz D2011, Diesel, T4i/Stage IIIA	✓	✓	✓	
	Battery Isolation Kit		○	○	
	Battery and Starter Isolation Kit		○	○	
	Anti-restart engine protection	✓	✓	✓	
	Auto engine fault shutdown	✓	✓	✓	
Platform	6ft/1.83m dual-entry platform with side swing gate	✓	✓	✓	
	Thumb rocker steering	✓	✓	✓	
	240Volt Power To Platform Kit		○	○	
	Airline to Platform		○	○	
	Control box covers (Ground and Platform)			○	
	Fall Arrest Bar 6FT		○	○	
	Half Mesh Aluminium 6FT BI-ENTRY Platform Kit			○	
	Harness Container Double		○	○	
	Harness Container Single Kit		○	○	
	Harness Fall Arrest Lanyard		○	○	
	Light Package: drive and work lights			○	
	Operator Protective Structure		○	○	
	Platform Worklights		○	○	
	White Noise Alarm Kit		○	○	
	Lift Power 7Kva Generator			○	
	5ft/1.52m Jib	✓	✓	✓	
	660lb/300kg & 1000lb/454kg dual load with auto envelope control	✓	✓	✓	
	AC Power cord to platform	✓	✓	✓	
	Drive enable system	✓	✓	✓	
	Horn	✓	✓	✓	
	Lift Guard Contact Alarm	✓	✓	✓	
	Lift Tools Work Tray	✓	✓	✓	
	Platform Control Box Cover Kit	✓	✓	✓	
	Platform level cutout	✓	✓	✓	
	Platform load sense system	✓	✓	✓	
	Proportional controls	✓	✓	✓	
	Self-leveling platform	✓	✓	✓	
	Travel alarm package: flashing beacons, descent, travel and tilt alarms	✓	✓	✓	
	Chassis	Lift Connect Telematics		○	○
		Lift Connect with Access Manager upgrade		○	○
		Rough terrain, foam-filled, non-marking tyres	✓	✓	✓
		Rough terrain, foam-filled tyres			○
Jump Start Receptacle Kit			○	○	
LED Flashing Beacon			○	○	
Drive Lights			○	○	
Fire Extinguisher 4.5KG 4A:80B:E			○	○	
Wheel Chock Kit			○	○	
Wheel Nut Indicator			○	○	
2 speed wheel motors		✓	✓	✓	
2 wheel steering		✓	✓	✓	
Active oscillating axle		✓	✓	✓	
Chassis tilt drive function cut-out		✓	✓	✓	
Dual parallelogram lift linkage		✓	✓	✓	
Hour meter		✓	✓	✓	
Hydraulic oil cooler		✓	✓	✓	
Particulate Catalyst Muffler		○	○		
Tech Pro Link connector	✓	✓	✓		
Telematics-Ready	✓	✓	✓		

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



Xtra Capacity



Rugged Terrainability



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.

Product specifications are subject to change without notice or obligation. Photographs and/or drawings herein are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on proper equipment use. Failure to follow instructions in the Operator's Manual may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or their subsidiaries in the USA and many other countries. Terex, Genie, Quality By Design, Xtra Capacity, Lift Power, Lift Guard, Lift Tools, Lift Connect and Tech Pro Link are registered trademarks of Terex Corporation or its subsidiaries.