

Genie® Z[®]-45/25J Bi-Energy

Specifications

Models	Z-45/25J BE	
Measurements	US	Metric
Working height max.(1)	51 ft 9 in	15.94 m
Platform height max.	45 ft 9 in	13.94 m
Horizontal reach max.	25 ft 1 in	7.65 m
Up and over clearance max.	23 ft 9 in	7.24 m
A Platform length	2 ft 6 in	0.76 m
B Platform width	6 ft	1.83 m
C Height - stowed	6 ft 7 in	2.00 m
D Length - stowed	22 ft 5 in	6.83 m
E Width	5 ft 10.25 in	1.79 m
F Wheelbase	6 ft 8 in	2.03 m
G Ground clearance - center	9.5 in	0.24 m

Productivity

Lift capacity max. - unrestricted	500 lb	227 kg
Platform rotation	160°	
Jib length	5 ft	1.52 m
Vertical jib rotation	135°	
Turntable rotation	355°	
Turntable tailswing	0 in	0 cm
Drive speed - stowed ⁽²⁾	3.0 mph	4.8 km/h
Drive speed - raised	0.61 mph	1.0 km/h
Gradeability - stowed ⁽²⁾	30 %	
Tilt sensor activation (front to back/side to side)	2.5° - 4.5° / 4.5°	
Turning radius - inside/outside	6 ft/14 ft	1.8 m/4.27 m
Tires (solid, non-marking)	9×14.5 in	0.23×0.37 m

Power

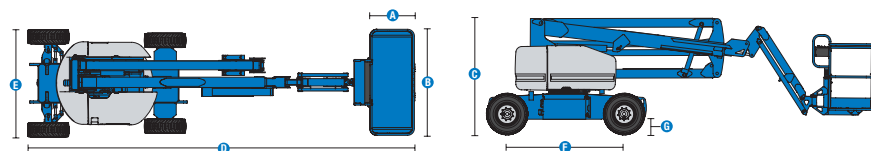
Power	48V DC (8×6V 350Ah)	
Auxiliary power unit	24V DC	
Hydraulic tank capacity	8 gal	30.3 L
Fuel tank capacity	9 gal	34 L

Weight(3) and Floor Loading(4)

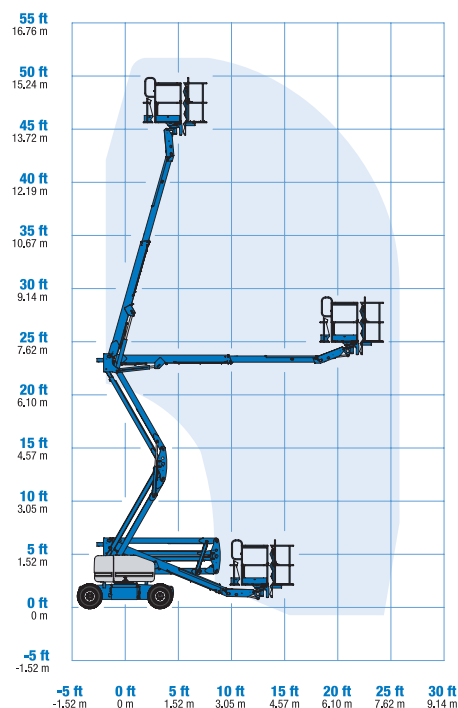
Weight	16,315 lb	7,400 kg
Tire contact pressure	100 psi	689 kPa
Occupied floor pressure (tires)	325 psf	15.56 kPa

Sound and Vibration Levels

Sound Pressure level (ground workstation)	78 dBA	
Sound Pressure level (platform workstation)	76 dBA	
Vibrations	8 ft 2 in/s ²	2.5 m/s ²



Range of motion Z-45/25J BE



(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[®]-45/25J Bi-Energy

SKU: Standard Model

- **Z45JDC01CV0035:** Z-45/25J BE, Bi-Energy, 110V, 2WD
- **Z45JDC01CE0003:** Z-45/25J BE, Bi-Energy, 220V, 2WD

* Build to Order

Option availability		S	S+	BtO
Power	Standard FLA flooded lead acid battery	✓	✓	✓
	Diesel catalytic scrubber muffler (T4i/Stage IIIA)			○
	13.3 hp, 9.9kW, Kubota powered alternator	✓	✓	✓
	Low voltage interrupt (LVI) with battery charge indicator (BCI)	✓	✓	✓
Platform	6ft/1.83m dual-entry platform with side swing gate	✓	✓	✓
	Power to platform, no RCBO	✓	✓	✓
	Power to platform with RCBO		○	○
	Air line to platform			○
	Control box covers		○	○
	Lift Guard Half Mesh panels			○
	Light Package: drive and work lights			○
	Platform auxiliary top rail			○
	Platform level cutout		○	○
	4ft/1.2m Jib	✓	✓	✓
	Alarm package: flashing beacons, descent, travel and tilt alarms	✓	✓	✓
	Drive enable system	✓	✓	✓
	Horn	✓	✓	✓
	Lift Guard Contact Alarm	✓	✓	✓
	Lift Guard Lanyard Alert		○	○
	Lift Guard Lanyard Alert Advanced		○	○
	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		○	○
	Eco32 biodegradable hydraulic oil			○
	Industrial, foam-filled, non-marking tires		✓	
	Industrial, foam-filled tires	✓	✓	✓
	Chassis tilt lift and drive function cut-out		○	○
	Active oscillating axle	✓	✓	✓
	Chassis tilt drive function cut-out	✓	✓	✓
	Dual parallelogram lift linkage	✓	✓	✓
	Electric brake release	✓	✓	✓
	Hour meter	✓	✓	✓
	On-board diagnostic system	✓	✓	✓

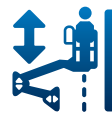
- S Standard
 ■ S+ Standard +
 ■ BtO Build to Order
 ✓ Standard Features
 ○ Options



Quiet Operation



Zero Tailswing



Dual Parallel Linkage



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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