Articulated Boom Lifts ANSI A92.20, CSA B354.6

Genie® Z®-45 DC & Z-45 FE

Specifications

Models	Z-45 DC & Z-45 FE	
Measurements	US	Metric
Working height max. ⁽¹⁾	51 ft 8 in	15.92 m
Platform height max.	45 ft 8 in	13.92 m
Horizontal reach max.	22 ft 9 in	6.94 m
Up and over clearance max.	24 ft 7 in	7.50 m
Platform length	2ft 6in	0.76 m
B Platform width	6ft	1.83 m
• Height - stowed (tires)	7 ft 6 in	2.29 m
D Length - stowed (tires)	20 ft 1 in	6.11 m
Width	7 ft 6 in	2.29 m
• Wheelbase	6ft 8in	2.03 m
G Ground clearance - center	1 ft 4 in	0.41 m

Productivity

Troudouvity		
Lift capacity max unrestricted	660 lb	300 kg
Platform rotation	160°	
Jib length	5 ft	1.52 m
Vertical jib rotation	135°	
Turntable rotation	355°	
Turntable tailswing	1 ft 3 in	0.37 m
Drive speed - stowed(2)	4.5 mph	7.24 km/h
Drive speed - raised	0.68 mph	1.1 km/h
Gradeability - stowed ⁽²⁾	45%	
Tilt sensor activation (front to back/side to side)	4.5°/4.5°	
Turning radius - inside/outside	7ft 10in/14ft 1in	2.40 m/4.30 m
Tires	315/55 D20	

Power

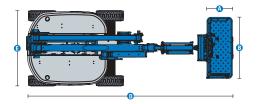
Drive system	34V 3-Phase AC	34V 3-Phase AC	
Battery Pack, DC	48V DC (8×6V),	48V DC (8×6V), 390Ah, FLA	
Battery Pack, FE	48V DC (8×6V), 370Ah, AGM		
AC generator, FE	Diesel		
Auxiliary power unit	12V D	12V DC	
Hydraulic tank capacity	10.5 gal	40 L	
Fuel tank capacity	17 gal	64 L	

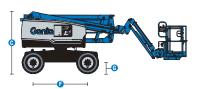
Weight(3) and Floor Loading(4)

Weight, DC	14,064 lb	6,379 kg
Weight, FE	14,460 lb	6,559 kg
Tire contact pressure	70 psi	482 kPa
Occupied floor pressure (tires)	206 psf	9.88 kPa

Sound and Vibration Levels

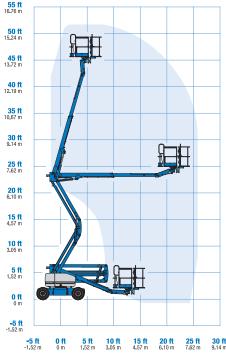
Sound Pressure level (ground workstation)	70 dBA (DC)/80	OdBA (FE)
Sound Pressure level (platform workstation)	70 dBA (DC)/76 dBA (FE)	
Vibrations	1.81 ft/s ²	0.55 m/s ²





(1) The metric equivalent of working height adds 2m to platform height. The imperial equivalent adds 6ft to

Range of motion Z-45/25 DC & FE





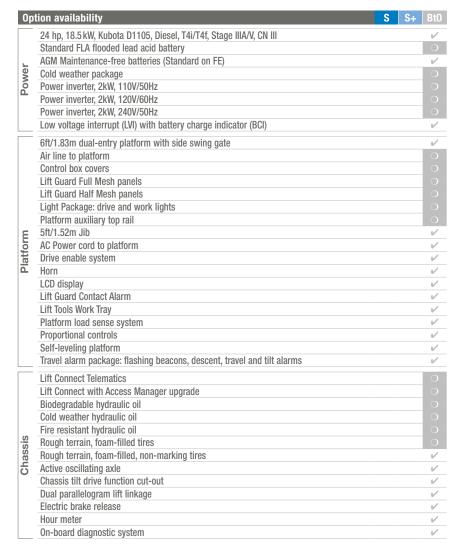
⁽¹⁾ The Heithe equivalent of working height adds 21th to platform height. The imperial equivalent adds of to platform height.
(2) Gradeability applies to driving on slopes and may vary depending on options and machine configurations. See operator's manual for details regarding slope ratings.
(3) Weight 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.

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Genie[®] Z[®]-45 DC & Z-45 FE

SKU: Standard Model

- Z-45 DC, DC Power, 4WD*
- Z-45 FE Hybrid, 4WD*
 - * Build to Order



S Standard S+ Standard + Bt0 **Build to Order** Standard Features \bigcirc **Options**







Indoor & Outdoor Boom

Rugged Terrainability 660lb/300kg Capacity



Genie Genuine Accessories(1)

- Lift Tools Productivity Tools
- 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.



