

Self-Propelled Articulating Booms

Z[®]-45 HF

Preliminary Specifications Subject to Change Effective Date: September, 2019

Specifications

Models	Z-45 HF	
Measurements	US	Metric
Working height maximum*	51 ft 6 in	15.86 m
Platform height maximum	45 ft 6 in	13.86 m
Horizontal reach maximum	24 ft 9 in	7.55 m
Up and over clearance maximum	24 ft 5 in	7.44 m
▲ Platform length	2 ft 6 in	0.76 m
A Platform width	6 ft	1.83 m
A Height - stowed	7 ft 4 in	2.25 m
▲ Length - stowed	21 ft 10 in	6.65 m
▲ Width	8 ft 5 in	2.57 m
▲ Wheelbase	6 ft 8 in	2.03 m
♠ Ground clearance - center	14.8 in	0.37 m

Productivity

600 lb	272 kg	
160°		
133°		
355° non-continuous		
zero		
4.5 mph	7.24 km/h	
0.61 mph	0.98 km/h	
45%		
front to back: 4.5° and side to side: 4.5°		
5 ft 6 in	1.68 m	
14 ft 9 in	4.50 m	
12 V DC proportional		
33/16LL 500, 10 ply, 19.5 in wheel		
	160° 133° 355° non-continuous zero 4.5 mph 0.61 mph 45% front to back: 4.5° and side 5 ft 6 in 14 ft 9 in 12 V DC proportional	

Power

Power source	49 hp (36.5 kW) I	49 hp (36.5 kW) Deutz D2.9L4 diesel T4f		
	48 hp (35.8 kW) I	48 hp (35.8 kW) Perkins 404F-E22T diesel T4f		
Auxiliary power unit	12 V DC	12 V DC		
Hydraulic tank capacity	22 gal	83 L		
Fuel tank capacity	17 gal	64.4 L		

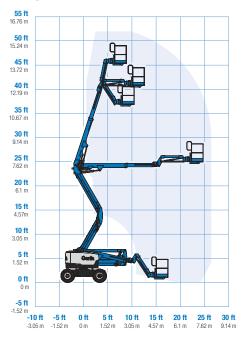
Weight****

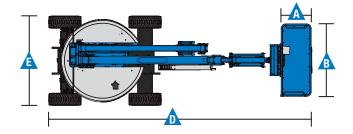
4WD	16,050 lb	7,280 kg

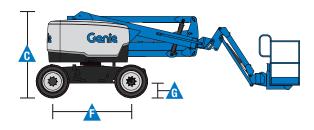
Standards Compliance

ANSI A92.20 and CSA B354.6

Range Of Motion Z-45 HF







^{*} The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

** In lift mode (platform raised), the machine is

designed to operate on firm, level surfaces only.

**** Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings.

^{*****} Weight will vary depending on options and/or country standards.



Self-Propelled Articulating Booms

Z°-45 HF

Features

Standard Features

Measurements

Z-45 HF

- 51 ft 6 in (15.86 m) working height
- 24 ft 9 in (7.55 m) horizontal reach
- 24 ft 5 in (7.44 m) up and over clearance
- 600 lb (272 kg) lift capacity

Productivity

- · High flotation air filled tires
- 5 ft (1.52 m) jib boom
- 4WD
- Active oscillation
- Self-leveling platform
- Steel 6 ft (1.83 m) dual entry with side swing gate
- 160° Hydraulic platform rotation
- Proportional joystick controls
- Drive enable
- AC power cord to platform
- Alarm package: Flashing beacon and travel alarm
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Flashing beacons and travel alarm
- 355° non-continuous turntable rotation
- · Positive traction drive
- Two speed wheel motors
- Lift Tools[™] Work Tray
- · Platform entry toeboard
- Lift Guard[™] Contact Alarm
- Dual parallelogram for vertical wall tracking
- Platform load sense
- Lift Connect Telematics

Power

- 12 V DC auxiliary power
- Intake air heater (Deutz engine only)

Easily Configured To Meet Your Needs

Engine Options

- 49 hp (36.5 kW) Deutz T4f diesel (standard)
- 48 hp (35.8 kW) Perkins 404F-E22T T4f diesel



Options & Accessories

Productivity

- Lift Power[™]
 - 3 kW AC Generator
 - 12 kW 240 V / 60 Hz Welder Ready package
 - 12 kW Welder Equipped, Select Lincoln or Miller (12 kW options include a fire extinguisher and fireproof sleeves)
- Lift Guard Platform Mesh Half
- Lift Guard Platform Mesh Full
- · Platform top auxiliary rail
- Air line to platform
- Thumb rocker steer
- Specialty hydraulic oil (Cold weather, fire resistant, or biodegradable)
- Hostile environment kit
- Lockable platform control box cover
- Tow package
- · Work light package
- Operator Protective Structure*
- Fall Arrest Bar
- Positive air shut off system (Deutz engine only)
- Fluorescent tube caddy*
- Pipe cradle (pair)*

Power

Cold Weather Packages

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Distributed By:

Effective Date: January, 2020. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly 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 ale and we make, 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 and AWP are registered trademarks of Terex Corporation or its subsidiaries. © 2020 Terex Corporation.

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^{*} Available through aftermarket parts only