

# Self-Propelled Articulating Booms Z<sup>™</sup>-45/25 RT & Z<sup>™</sup>-45/25J RT

# **Specifications**

Models	Z-45/25 RT		Z-45/25J RT	
Measurements	US	Metric	US	Metric
Working height maximum*	51 ft 10 in	15.97 m	51 ft 6 in	15.86 m
Platform height maximum	45 ft 10 in	13.97 m	45 ft 6 in	13.86m
Horizontal reach maximum	24 ft 7 in	7.49 m	24 ft 8 in	7.52 m
Up and over clearance maximum	23 ft 5 in	7.14 m	23 ft 7 in	7.14 m
A Platform length	2 ft 6 in	0.76 m	2 ft 6 in	0.76 m
A Platform width	6 ft	1.83 m	6 ft	1.83 m
A Height - stowed	7 ft	2.13 m	7 ft	2.13 m
Length - stowed	17 ft 8 in	5.38 m	21 ft 10 in	6.65 m
AWidth	7 ft 6 in	2.29 m	7 ft 6 in	2.29 m
A Wheelbase	6 ft 8 in	2.03 m	6 ft 8 in	2.03 m
🛕 Ground clearance - center	1 ft 3 in	0.37 m	1 ft 3 in	0.37 m

#### Productivity

Lift capacity	500 lbs	227 kg	500 lbs	227 kg	
Platform rotation	180°		160°		
Vertical Jib rotation			135°		
Turntable rotation	355° non-cor	355° non-continuous		355° non-continuous	
Turntable tailswing	zero		zero		
Drive speed - stowed	4.5 mph	7.24 km/h	4.5 mph	7.24 km/h	
Drive speed - raised **	0.61 mph	1.0 km/h	0.61 mph	1.0 km/h	
Gradeability - 2WD - stowed***	30%		30%		
Gradeability - 4WD - stowed***	45%		45%		
Turning radius - inside	5 ft 6 in	1.68 m	5 ft 6 in	1.68 m	
Turning radius - outside	14 ft 9 in	4.50 m	14 ft 9 in	4.50 m	
Controls	12 V DC prop	12 V DC proportional		12 V DC proportional	
Tires	315/55 D20	315/55 D20		315/55 D20	

#### Power

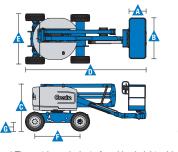
Power source	49 hp (35.8	60 hp (55.9 kW) Ford MSG425 Dual Fuel 49 hp (35.8 kW) Deutz D2.9L4 diesel T4f				
	48 hp (35.8	48 hp (35.8 kW) Perkins AB&T 404D-22 diesel T4f *****				
Auxiliary power unit	12 V DC		12 V DC			
Hydraulic tank capacity	22 gal	83 L	22 gal	83 L		
Fuel tank capacity	17 gal	64.4 L	17 gal	64.4 L		

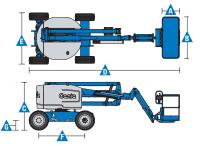
# Weight\*\*\*\*

2WD	13,100 lbs	5942 kg	13,200 lbs	5987 kg
4WD	13,400 lbs	6078 kg	13,500 lbs	6123kg

#### Standards Compliance

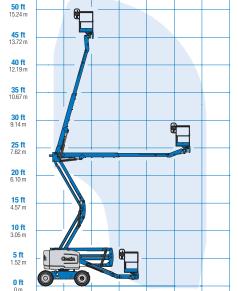
ANSI A92.5, CSA B354.4, EN 280, AS 1418.10





\* 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. \*\*\*\*\* Also available for T4i in some regions



Range Of Motion Z-45/25 RT

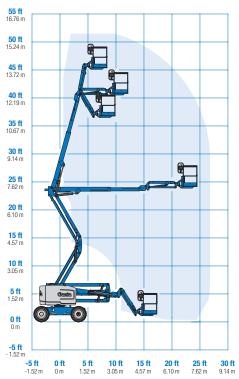
55 ft 16.76 m

-**5 ft** - 1.52 m

**-5 ft** -1.52 m **0 ft** 0 m **5 ft** 1.52 m **10 ft** 3.05 m **20 ft** 6.10 m **15 ft** 4.57 m 25 ft 7.62 m

**30 ft** 9.14 m

Range Of Motion Z-45/25J RT



### www.genielift.com



# Self-Propelled Articulating Booms Z<sup>\*-45/25</sup> RT & Z<sup>\*-45/25</sup> J RT

# Features

# Standard Features

## Measurements

#### Z-45/25 RT

- 51 ft 10 in (15.97 m) working height
- 24 ft 7 in (7.49 m) horizontal reach
- 23 ft 5 in (7.14 m) up and over clearance
- Up to 500 lbs (227 kg) lift capacity

#### Z-45/25J RT

- 51 ft 6 in (15.86m) working height
- 24 ft 8 in (7.52 m) horizontal reach
- 23 ft 5 in (7.14 m) up and over clearance
- Up to 500 lbs (227 kg) lift capacity

# Productivity

- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 355° non-continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- Telematics ready connector
- Entry toeboard on 6 ft (1.83m) platform
- Lift Guard<sup>™</sup> Contact Alarm
- Dual parallelogram for vertical wall tracking

#### Power

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

#### Easily Configured To Meet Your Needs

#### **Platform Options**

- Steel 6 ft (1.83 m) dual entry with side swing gate (standard)
- Steel 3 ft 10 in (1.17m) with sliding mid-rail

# Jib Options

- Non-jib
- 5 ft (1.52 m) jib boom

# Power Options

- 75 hp (55.9 kW) Ford gas/LPG
- 49 hp (36.5 kW) Deutz T4f diesel
- 48 hp (35.8 kW) Perkins T4f diesel

### **Drive Options**

- 2WD
- 4WD

# Axle Options

- Active oscillation (4WD)
- Non-oscillating (2WD)

# Tire Options

- Rough terrain air-filled (standard)
- Rough terrain foam-filled
- Rough terrain non-marking (air or foam-filled)
- High flotation air-filled
- Sealant treated air-filled

**Distributed By:** 

### **Options & Accessories**

#### Productivity

- Half mesh platform inserts
- Platform top auxiliary rail
- Air line to platform
- Thumb rocker steer
- Specialty hydraulic oil (Cold weather, fire resistant or biodegradable)
- Aircraft protection package\*
- Hostile environment kit
- Alarm package (Beacon and travel)
- Panel cradle package
- Light package
- Lockable platform control box cover
- Tow package
- Operator Protective Structure\*\*
- Fall Arrest Bar
- Florescent tube caddy\*\*
- Pipe cradle (pair)\*\*

#### Power

- Engine gauge package (Ford engine only)
- AC generator packages (110 V / 60 Hz - 220 V / 50 Hz, 2200 W)
- Cold Weather Packages
- Diesel catalytic scrubber muffler (T4i engines only)
- LPG tank 33.5 lbs (15.19 kg) capacity

Genie United States

6464 185th Ave. NE Redmond, WA 98052 Telephone +1 (425) 881-1800 Toll Free in USA/Canada +1 (800)-536-1800 Fax +1 (425) 883-3475  \* Reduces platform capacity to 440 lbs (only available on jib models)

\*\* Available through aftermarket parts only

Effective Date: January, 2017. 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 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 and AWP are registered trademarks of Terex Corporation or its subsidiaries. © 2017 Terex Corporation.

