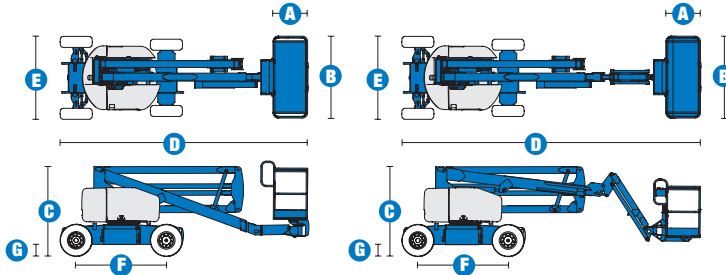


SELF-PROPELLED ARTICULATING BOOMS

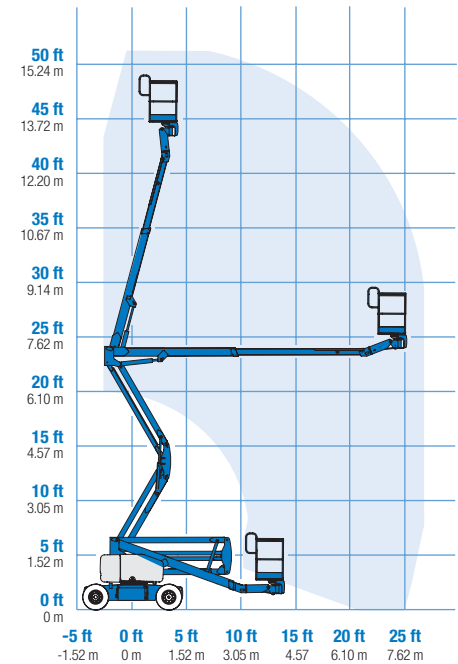
Z™-45/25 & Z™-45/25J DC/Bi-Energy



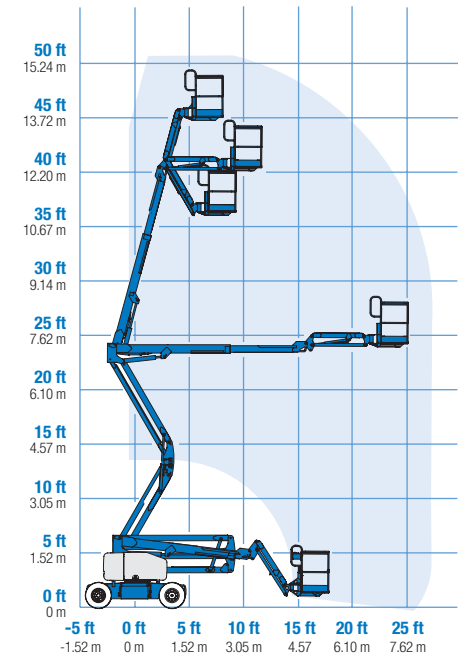
Specifications



RANGE OF MOTION Z™-45/25



RANGE OF MOTION Z™-45/25J



MODELS	Z™-45/25 DC & Bi		Z™-45/25J DC & Bi	
MEASUREMENTS	US	Metric	US	Metric
Working height max*	51 ft 6 in	15.87 m	51 ft 8 in	15.92 m
Platform height max	45 ft 6 in	13.87 m	45 ft 8 in	13.92 m
Horizontal reach max	25 ft	7.62 m	25 ft 1 in	7.65 m
Up and over clearance - at platform	23 ft 2 in	7.06 m	23 ft 11 in	7.29 m
at primary arm	23 ft 2 in	7.06 m	22 ft 11 in	7 m
A Platform length	2 ft 6 in	.76 m	2 ft 6 in	.76 m
B Platform width	6 ft	1.83 m	6 ft	1.83 m
C Height - stowed	6 ft 7 in	2 m	6 ft 7 in	2 m
D Length - stowed	18 ft 3 in	5.56 m	22 ft	6.7 m
E Width	5 ft 9 in	1.75 m	5 ft 9 in	1.75 m
F Wheelbase	6 ft 8 in	21.03 m	6 ft 8 in	2.03 m
G Ground clearance - center	9.5 in	.24 m	9.5 in	.24 m

PRODUCTIVITY

	Z™-45/25 DC & Bi		Z™-45/25J DC & Bi	
Lift capacity	500 lbs	227 kg	500 lbs	227 kg
Platform rotation	180°		160°	
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero		zero	
Drive speed - stowed DC	3.0 mph	4.8 km/h	3.0 mph	4.8 km/h
Drive speed - stowed Bi-Energy	3.5 mph	5.6 km/h	3.5 mph	5.6 km/h
Drive speed - raised **	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Gradeability*** - stowed	30%		30%	
Turning radius - inside	6 ft	1.83 m	6 ft	1.83 m
Turning radius - outside	14 ft	4.26 m	14 ft	4.26 m
Controls	24 V DC proportional		24 V DC proportional	
Tires	9 x 14.5 in	22.9 x 36.8 cm	9 X 14.5 in	22.9 x 36.8 cm

POWER

Power source - DC	48 V DC (eight 6 V batteries, 350 Ah capacity)			
Power source - Bi-Energy	48 V DC (eight 6 V batteries, 350 Ah capacity) with Kubota 12 hp (8.9 kW) diesel driven alternator			
Auxiliary power unit	24 V DC		24 V DC	
Hydraulic tank capacity	8 gal	30.3 L	8 gal	30.3 L
Fuel tank capacity	9 gal	34.1 L	9 gal	34.1 L

WEIGHT****

DC	14,940 lbs	6,777 kg	15,140	6,867 kg
Bi-energy	16,100 lbs	7,303 kg	16,300	7,394 kg

STANDARDS COMPLIANCE

ANSI A92.5, CSA B354.4, CE Compliance, 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.

Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS

- Steel 6 ft (1.83 m) (standard)
- Steel 4 or 5 ft (1.22 or 1.52 m)

JIB OPTIONS

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

POWER

- 48 V DC (eight 6 V 350 Ah batteries)

BATTERY CHARGING OPTIONS

- 25 Amp 48 V onboard charger
- Onboard alternator powered by Kubota diesel 12 hp (8.9 kW) engine

DRIVE

- 2WD

TIRE OPTIONS

- Industrial air-filled (standard)
- Industrial foam-filled
- Industrial non-marking air or foam-filled

STANDARD FEATURES

MEASUREMENTS

Z™-45/25

- 51 ft 6 in (15.87 m) working height
- 25 ft (7.62 m) horizontal reach
- 23 ft 2 in (7.06 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

Z™-45/25J

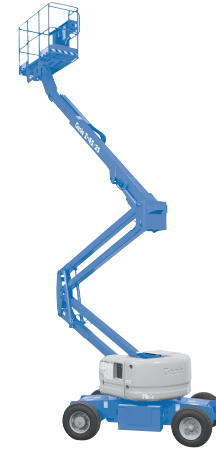
- 51 ft 8 in (15.92 m) working height
- 25 ft 1 in (7.65 m) horizontal reach
- 22 ft 11 in (7.0 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

PRODUCTIVITY

- Self-leveling platform
- Fully proportional controls
- Drive enable
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- 355° non-continuous turntable rotation

POWER

- 48 V DC deep cycle battery pack
- 24 V DC auxiliary power



OPTIONS & ACCESSORIES

PRODUCTIVITY

- Platform swing gate
- Half mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Standard aircraft protection
- Deluxe aircraft protection package
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Alarm package
- Panel cradle package*
- Platform work lights
- Front driving lights
- Lockable platform control box covers
- Tow package

* Available on select models

POWER

- EE rating (DC models only)
- Battery charge indicator (BCI)
- Low voltage interrupt with BCI
- Cold Start Package (Bi-Energy only)

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