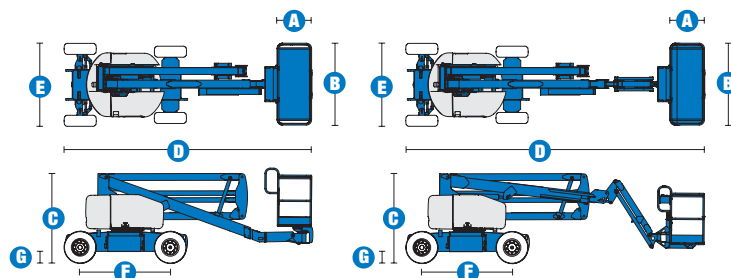


# SELF-PROPELLED ARTICULATING BOOMS

## Z™-45/25 & Z™-45/25J DC/Bi-Energy

### Specifications



MODELS	Z™-45/25 DC & Bi		Z™-45/25J DC & Bi	
	US	Metric	US	Metric
Working height maximum*	51 ft 6 in	15.87 m	51 ft 8 in	15.92 m
Platform height maximum	45 ft 6 in	13.87 m	45 ft 8 in	13.92 m
Horizontal reach maximum	25 ft	7.62 m	25 ft 1 in	7.65 m
Up and over clearance maximum	23 ft 1 in	7.04 m	22 ft 1 in	6.73 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	2.00 m	6 ft 7 in	2.00 m
D Length - stowed	18 ft 3 in	5.56 m	22 ft 5 in	6.83 m
E Width	5 ft 10.3 in	1.79 m	5 ft 10.3 in	1.79 m
F Wheelbase	6 ft 8 in	2.03 m	6 ft 8 in	2.03 m
G Ground clearance - center	9.5 in	.24 m	9.5 in	.24 m

#### PRODUCTIVITY

Lift capacity	500 lbs	227 kg	500 lbs	227 kg
Platform rotation	180°		160°	
Vertical jib rotation	—		135°	
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero		zero	
Drive speed - stowed	3.0 mph	4.8 km/h	3.0 mph	4.8 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	24V DC proportional		24V DC proportional	
Tires	9 x 14.5 in (foam-filled)		9 x 14.5 in (foam-filled)	

#### POWER

Power source - DC	48V DC (eight 6 V batteries, 350 Ah capacity)			
Power source - Bi-Energy	48V DC (eight 6 V batteries, 350 Ah capacity) with Kubota 12 hp (8.9 kW) diesel driven alternator			
Auxiliary power unit	24V DC		24V 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

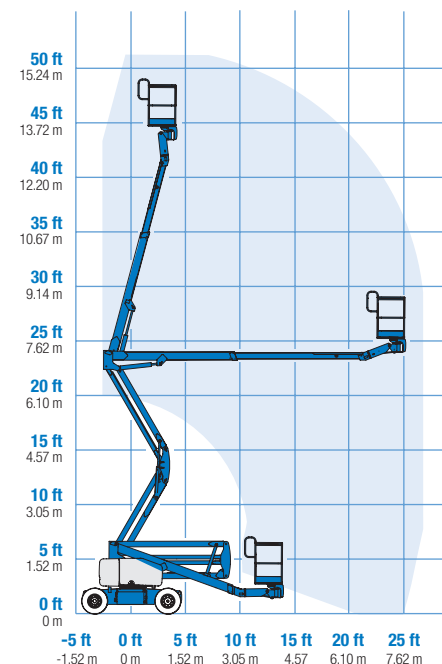
#### WEIGHT\*\*\*\*

DC	15,350 lbs	6,963 kg	16,300	7,394 kg
Bi-energy	15,850 lbs	7,190 kg	16,800	7,620 kg

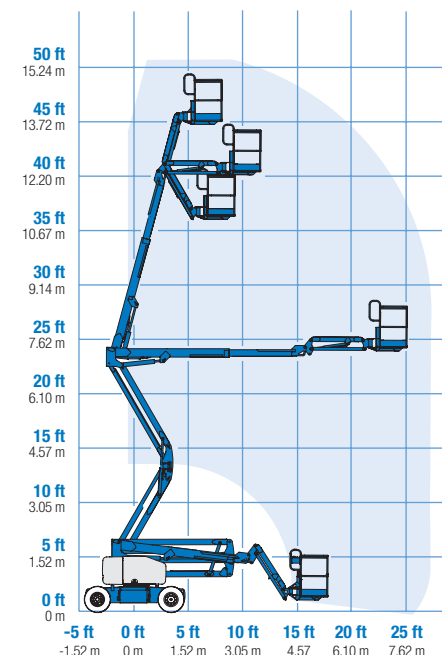
#### STANDARDS COMPLIANCE

ANSI A92.5, CSA B354.4, CE Compliance, AS 1418.10

#### RANGE OF MOTION Z™-45/25



#### RANGE OF MOTION Z™-45/25J



\* 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)
- Steel 6 ft (1.83 m) tri-entry\*\*\*

#### JIB OPTIONS

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

#### POWER

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

#### BATTERY CHARGING OPTIONS

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

#### DRIVE

- 2WD

#### TIRE OPTIONS

- Industrial foam-filled (standard)
- Industrial non-marking 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 1 in (7.04 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

##### Z™-45/25J

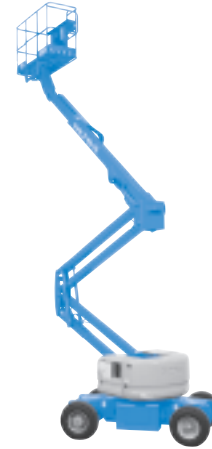
- 51 ft 8 in (15.92 m) working height
- 25 ft 1 in (7.65 m) horizontal reach
- 22 ft 1 in (6.73 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

#### PRODUCTIVITY

- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional controls
- Thumb rocker steer
- Drive enable
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- 355° non-continuous turntable rotation
- Zero tailswing

#### POWER

- 48V DC deep cycle battery pack
- 24V DC auxiliary power
- Battery charge indicator - BCI (Bi-energy only)



### OPTIONS & ACCESSORIES

#### PRODUCTIVITY

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Standard aircraft protection package\*
- Deluxe aircraft protection package\*
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Alarm package
- Panel cradle package\*\*
- Platform work lights
- Lockable platform control box cover
- Tow package

#### POWER

- EE UL583 Fire Protection rating (DC models only)
- Battery charge indicator - BCI (DC only)
- Low voltage interrupt with BCI
- Cold Weather Package (Bi-Energy only)
- Retained key selector switch
- 800 watt inverter

\* Reduces platform capacity to 440 lbs (only available on Jib models)

\*\* Requires tri-entry platform

\*\*\* Not available on CE machines

### Genie United States

18340 NE 76th Street  
P.O. Box 97030  
Redmond, Washington 98073-9730

Telephone **+1 (425) 881-1800**  
Toll Free in USA/Canada **+1 (800) 536-1800**  
Fax +1 (425) 883-3475

### Genie Europe

Millennium House  
Brunel Drive  
Newark NG24 2DE  
UK

Telephone **+44 (0)1476 584333**  
Fax +44 (0)1476 584334

Email: [infoeurope@genieind.com](mailto:infoeurope@genieind.com)

### Distributed By:

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Z45DC/BI 3.5K 0708J. Part No. 109361