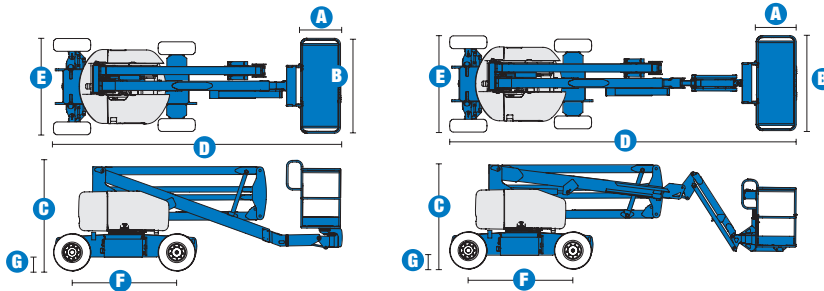


SELF-PROPELLED ARTICULATING BOOMS

Z™-45/25 & Z™-45/25J DC/Bi-Energy

Specifications



MODELS	Z™-45/25 DC & Bi		Z™-45/25J DC & Bi	
MEASUREMENTS	Metric	US	Metric	US
Working height maximum*	15.87 m	51 ft 6 in	15.94 m	51 ft 9 in
Platform height maximum	13.87 m	45 ft 6 in	13.94 m	45 ft 9 in
Horizontal reach maximum	7.62 m	25 ft	7.65 m	25 ft 1 in
Up-and-over clearance maximum	7.04 m	23 ft 1 in	7.24 m	23 ft 9 in
A Platform length	76 cm	2 ft 6 in	76 cm	2 ft 6 in
B Platform width	1.83 m	6 ft	1.83 m	6 ft
C Height - stowed	2 m	6 ft 7 in	2 m	6 ft 7 in
D Length - stowed	5.56 m	18 ft 3 in	6.83 m	22 ft 5 ft
E Width	1.79 m	5 ft 10.5 in	1.79 m	5 ft 10.5 in
F Wheelbase	2.03 m	6 ft 8 in	2.03 m	6 ft 8 in
G Ground clearance - centre	24 cm	9.5 in	24 cm	9.5 in

PRODUCTIVITY				
Lift capacity	227 kg	500 lbs	227 kg	500 lbs
Platform rotation	180°	180°	160°	160°
Vertical jib rotation	—	—	135° (+78°/-57°)	135°
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero	zero	zero	zero
Drive speed - stowed	4.8 km/h	3.0 mph	4.8 km/h	3.0 mph
Drive speed - raised **	30 cm/s	1ft/s	30 cm/s	1ft/s
Gradeability - stowed***	30%	30%	30%	30%
Turning radius - inside	1.80 m	6 ft	1.80 m	6 ft
Turning radius - outside	4.23 m	14 ft	4.23 m	14 ft
Controls	24 V DC proportional		24 V DC proportional	
Tyres (foam filled)	23 x 37 cm	9 x 14.5 in	23 x 37 cm	9 x 14.5 in

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 13.3 hp (9.9 kW) diesel driven alternator			
Auxiliary power unit	24 V DC	24 V DC	24 V DC	24 V DC
Hydraulic tank capacity	30.3 L	8 gal	30.3 L	8 gal
Fuel tank capacity	34.1 L	9 gal	34.1 L	9 gal

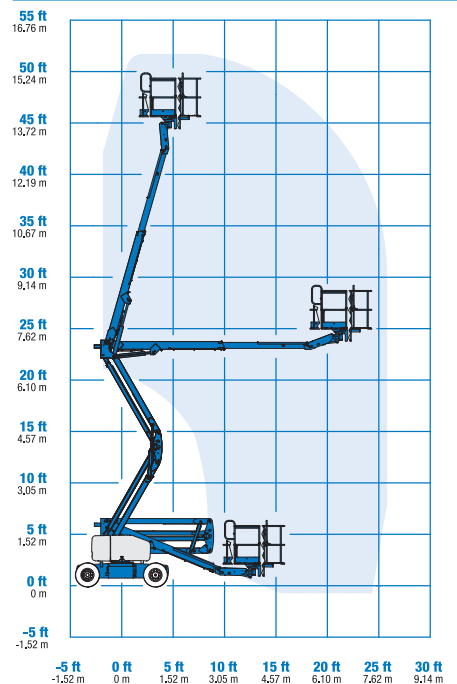
SOUND & VIBRATION LEVELS				
Sound pressure level (ground workstation)	<70 dBA (DC) 78 dBA (BI)		<70 dBA (DC) 78 dBA (BI)	
Sound pressure level (platform workstation)	<70 dBA (DC) 76 dBA (BI)		<70 dBA (DC) 76 dBA (BI)	
Vibration	<2.5 m/s ² <8 ft 2 in/s ²		<2.5 m/s ² <8 ft 2 in/s ²	

WEIGHT****				
CE DC (foam filled tyres)	6,963 kg	15,350 lbs	7,394 kg	16,300 lbs
CE Bi-energy (foam filled tyres)	7,190 kg	15,850 lbs	7,620 kg	16,800 lbs

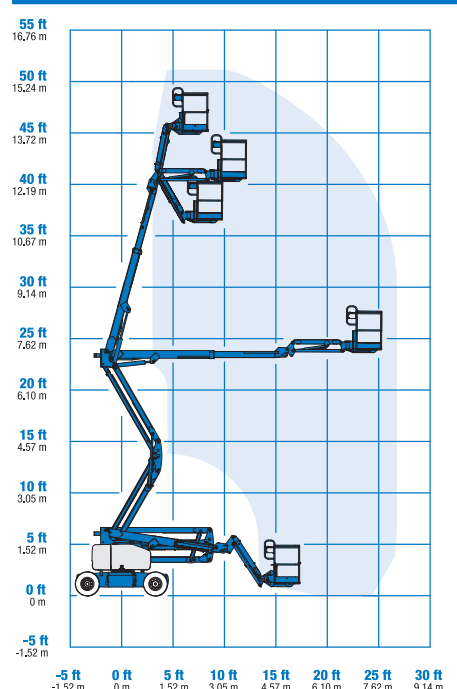
STANDARDS COMPLIANCE

EU Machinery Directive 2006/42/EC
EU Standard EN280:2001, A2:2009
EMC Directive 2004/108/EC EN 61000-6-2, EN 61000-6-4
EU Noise Directive 2000/14/EC EN ISO 3744
EU Low Voltage Directive 206/95/EC EN 60204-1:2006

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 1.83 m (6 ft) (standard)
- 1.83 m (6 ft) tri-entry steel platform (option)

JIB OPTIONS

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

POWER

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

DRIVE

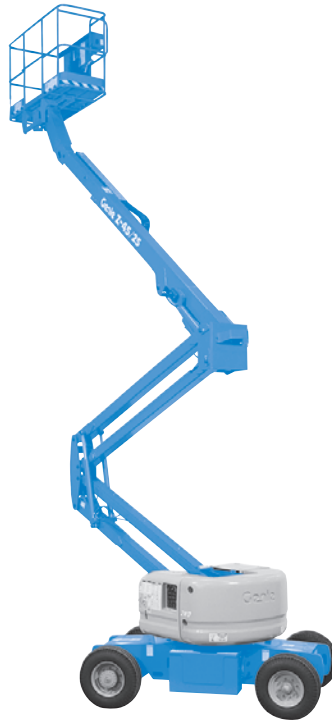
- 2X4

BATTERY CHARGING OPTIONS

- 25 Amp 48 V onboard charger
- Onboard alternator powered by Kubota diesel 9.9 kW (13.3 hp) engine

TYRE OPTIONS

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



STANDARD FEATURES

MEASUREMENTS

Z™-45/25

- 15.87 m (52 ft 6 in) working height
- 7.62 m (25 ft) horizontal reach
- 7.04 m (23 ft 1 in) up-and-over clearance
- Up to 227 kg (500 lb) lift capacity

Z™-45/25J

- 15.94 m (51 ft 9 in) working height
- 7.65 m (25 ft 1 in) horizontal reach
- 7.24 m (23 ft 9 in) up-and-over clearance
- Up to 227 kg (500 lb) lift capacity

PRODUCTIVITY

- Self-levelling platform
- Hydraulic platform rotation
- Fully proportional controls
- Thumb rocker steer
- Drive enable
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Alarm package (flashing beacon & travel alarm)
- 355° non-continuous turntable rotation
- Zero tailswing
- Certified load sensor

POWER

- 48 V DC deep cycle battery pack
- 24 V 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
- Power to platform (incl. plug, socket and ground fault interrupt leakage on request)
- Light package: 2 chassis mounted drive lights, 2 platform mounted work lights
- Hostile environment kit: cylinder bellows, boom wiper seals, platform control box cover
- Low temperature cut-out module
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Aircraft protection kit: platform foam padding & padded disable system**
- Tilt cut-out option
- Tool tray
- Fluorescent tube caddy*
- Panel cradle package***
- Platform work lights
- Lockable platform control box cover
- Tow package

POWER

- Battery charge indicator - BCI (DC only)
- Low voltage interrupt with BCI
- Diesel cathalytic scrubber muffler (Bi-en only)
- Power Inverter (DC only)

* Available aftermarket only

** ZTM-45/25 J only, reduces platform capacity to 200 kg (440 lbs)

*** Requires tri-entry platform

Effective date: July, 2011. 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, expressed or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or their subsidiaries in the U.S.A. and many other countries. Genie is a Registered Trademark of Terex South Dakota, Inc. © 2011 Terex Corporation.