

# Self-Propelled Articulating Booms

Z°-45/25J DC/Bi-Energy

# **Specifications**

Models	Z-45/25J DC & Bi		
Measurements	Metric	US	
Working height maximum*	15.94 m	51 ft 9 in	
Platform height maximum	13.94 m	45 ft 9 in	
Horizontal reach maximum	7.65 m	25 ft 1 in	
Up and over clearance maximum	7.24 m	23 ft 9 in	
▲ Platform length	0.76 m	2 ft 6 in	
▲ Platform width	1.83 m	6 ft	
⚠ Height - stowed	2.00 m	6 ft 7 in	
▲ Length - stowed	6.83 m	22 ft 5 in	
▲ Width	1.79 m	5 ft 10.3 in	
▲ Wheelbase	2.03 m	6 ft 8 in	
Ground clearance - center	0.24 m	9.5 in	

## **Productivity**

Lift capacity	227 kg	500 lbs	
Platform rotation	160°	160°	
Vertical jib rotation	135°	135°	
Turntable rotation	355° non-continuous		
Turntable tailswing	zero	zero	
Drive speed - stowed	4.8 km/h	3.0 mph	
Drive speed - raised**	1.0 km/h	0.61 mph	
Gradeability - stowed***	30%	30%	
Turning radius - inside	1.8 m	6 ft	
Turning radius - outside	4.27 m	14 ft	
Controls	24V DC proportional		
Tyres	23 x 37 cm	9 x 14.5 in	

#### 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 Tier IV Kubota 9.9 kW (13.3 hp) diesel driven alternator Auxiliary power unit Hydraulic tank capacity 30.3 L 8 gal Fuel tank capacity- Bi-Energy 34.1 L 9 gal

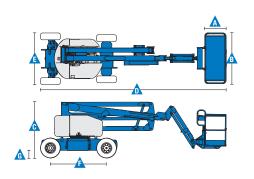
# Sound & Vibration Levels

Sound pressure level (ground workstation)	70 dBA (DC)	78 dBA (BI)
Sound pressure level (platform workstation)	70 dBA (DC)	76 dBA (BI)
Vibration	<2.5 m/s <sup>2</sup>	<8 ft 2 in/s²

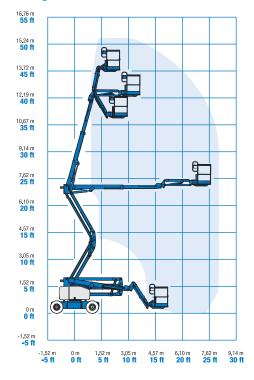
# Weight\*\*\*\*

CE DC foam filled tyres	7,394 kg	16,300
CE Bi-Energy foam filled tyres	7,620 kg	16,800

EU Directives: 2006/42/EC - Machinery (harmonized standard Standards Compliance EN280); 2004/108/EC (EMC); 2006/95/EC (LVD); 2000/14/EC (Outdoor Noise)



# Range Of Motion Z-45/25J



<sup>\*</sup> 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 stondards.



# Self-Propelled Articulating Booms

# Z°-45/25J DC/Bi-Energy

# **Features**

# Standard Features

#### Measurements

- 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 lbs) lift capacity

### **Productivity**

- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Telematics-Ready Connector
- Thumb rocker steer
- Drive enable
- · Chassis tilt drive function cut-out
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- Descent & travel alarms
- Flashing beacon
- 355° non-continuous turntable rotation
- Zero tailswing
- Dual parallelogram for vertical wall tracking
- · Certified load sensor
- Lift Guard™ Contact Alarm

#### Power

- 48V deep cycle battery pack
- 24V DC auxiliary power
- Universal 30A battery smart charger
- Battery charge indicator
- · Low battery voltage interrupt

# **Easily Configured To Meet Your Needs**

#### Platform

 Steel 1.83 m (6 ft) dual entry with side swing gate

#### Jib

• Articulating 1.52 m (5 ft) jib boom

## **Power Options**

- 48V DC (eight 6V 350 Ah batteries)
- On board alternator powered by Tier IV Kubota 9.9 kW (13.3 hp) engine (Bi-energy model only)

#### Drive

• 2 x 4

#### Tyre Options

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



# **Options & Accessories**

#### Productivity

- Half-mesh platform inserts with swing gate
- Platform auxiliary top rail
- Air line to platform
- Power to platform: plug, socket, with optional Residual-current Circuit Breaker with Overcurrent protection
- Work lights package (2 on chassis, 2 on platform)<sup>(1)</sup>
- Biodegradable hydraulic oil
- Hostile environment kit<sup>(1)</sup>: cylinder bellows, boom wiper seals and platform control box covers
- Aircraft protection kit<sup>(1,3)</sup>: platform foam padding and padded disable system
- Chassis tilt lift function cut-out kit
- Track & Trace<sup>(4)</sup> (GPS unit providing machine location & operating information)
- Lockable platform control box cover
- Tool tray<sup>(2)</sup>
- Operator Protective Structure
- Panel cradle package<sup>(2) (5)</sup>
- Fall Arrest Bar<sup>(2) (5)</sup>

#### Power

- AGM maintenance-free batteries<sup>(1)</sup>
- Diesel catalytic muffler<sup>(1)</sup> (Bi-Energy only)
- Low temperature cut-out module
- EMEAR Cold Start kit: Inc. Engine heater & battery charger





#### Jøma Lift Teknik A/S

#### Worldwide Manufacturing And Distribution

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<sup>(1)</sup> Factory-fit option onl

<sup>(2)</sup> Aftermarket only

Reduces load capacity of about 27 kg (60 lb). Only available with 1.83 m (6 ft) platform, not available with any other platforms nor options on the platform (9 logludge a first 2 years subscription

<sup>(4)</sup> Includes a first 2 years subscription
(5) Fall Arrest Bar not available with Panel Cradle and viceversa