

# 16M Z4525J-DC BOOM LIFT



Experience | Safety | Innovation

### Specifications

Models	Z-45/25 DC & Bi		Z-45/25J DC & Bi	
Measurements	US	Metric	US	Metric
	51 ft 6 in	15.87 m	51 ft 9 in	15.94 m
Working height maximum*				
Platform height maximum	45 ft 6 in	13.87 m	45 ft 9 in	13.94 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	23 ft 9 in	7.24 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	6 ft 7 in	2.00 m	6 ft 7 in	2.00 m
▲ Length - stowed	18 ft 3 in	5.56 m	22 ft 5 in	6.83 m
▲ Width	5 ft 10.3 in	1.79 m	5 ft 10.3 in	1.79 m
▲ Wheelbase	6 ft 8 in	2.03 m	6 ft 8 in	2.03 m
♠ Ground clearance - center	9.5 in	0.24 m	9.5 in	0.24 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**	0.61 mph	1.0 km/h	0.61 mph	1.0 km/h
Gradeability - stowed***	30%		30%	
Turning radius - inside	6 ft	1.8 m	6 ft	1.8 m
Turning radius - outside	14 ft	4.27 m	14 ft	4.27 m
Controls				

Tires 9 x 14.5 in

#### Power

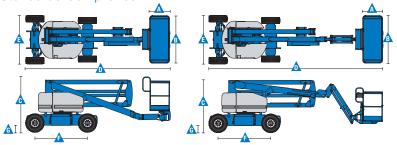
Power source - DC
Power source - Bi-Energy

Auxiliary power unit 24V DC
Hydraulic tank capacity 8 gal
Fuel tank capacity- Bi-Energy 9 gal

#### Weight\*\*\*\*

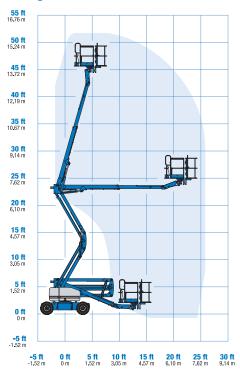
DC 15,350 lbs Bi-Energy 15,850 lbs

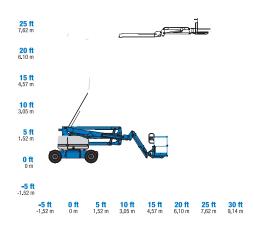
#### Standards Compliance



- \* 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.

#### Range Of Motion Z-45/25







## 16M Z4525J-DC

**BOOM LIFT** 



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#### **Features**

#### 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 lbs (227 kg) lift capacity

#### Z-45/25J

- 51 ft 9 in (15.94 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 lbs (227 kg) lift capacity

#### **Productivity**

- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Thumb rocker steer
- Drive enable
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- Zero tailswing
- 355° non-continuous turntable rotation
- Telematics Ready Connector
- Entry toeboard on 6 ft (1.83m) platform
- Lift Guard<sup>™</sup> Contact Alarm
- Dual parallelogram for vertical wall tracking

#### Power

- 48V deep cycle battery pack
- 24V DC auxiliary power
- 13.3hp (9.9kW) Kubota T4f Z482 diesel driven alternator. (Bi-energy model only)
- Battery charge indicator-BCI (Bi-energy model only)
- Universal 30A battery smart charger

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

#### Power

• 48V DC (eight 6V 350 Ah batteries)

#### Drive

2WD

#### Tire Options

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



#### **Options & Accessories**

#### Productivity

- Half-mesh platform inserts
- Platform top auxiliary rail
- Air line to platform
- Specialty hydraulic oil (fire resistant or biodegradable)
- Aircraft protection package\*
- Pipe cradle (pair)\*\*
- Alarm package
- Panel cradle package
- Light package
- · Lockable platform control box cover
- Tow package
- Operator Protective Structure\*\*
- Fall Arrest Bar
- Florescent tube caddy\*\*

#### Power

- AGM batteries
- EE UL583 Fire Protection rating (DC only)
- Battery charge indicator-BCI (DC only)
- Low voltage interrupt with BCI
- Cold Weather Package (Bi-Energy only)
- 800 watt inverter (DC only)
- Diesel catalytic muffler (Bi-Energy only)

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<sup>\*</sup> Reduces platform capacity to 440 lbs (only available on Jib models)

\*\* Available through aftermarket parts only