

YOUR WORKING AT HEIGHT PARTNER

Specifications

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

Productivity

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

Power

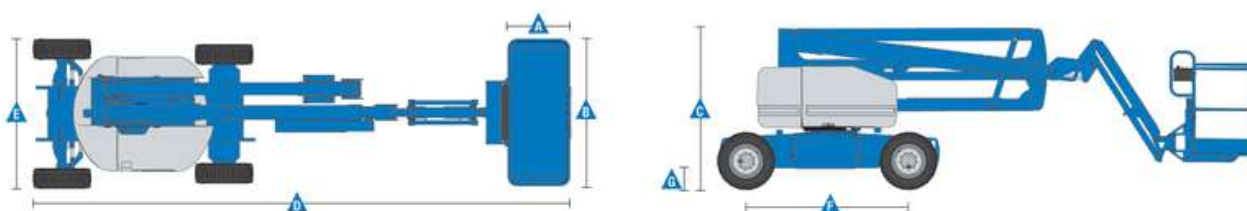
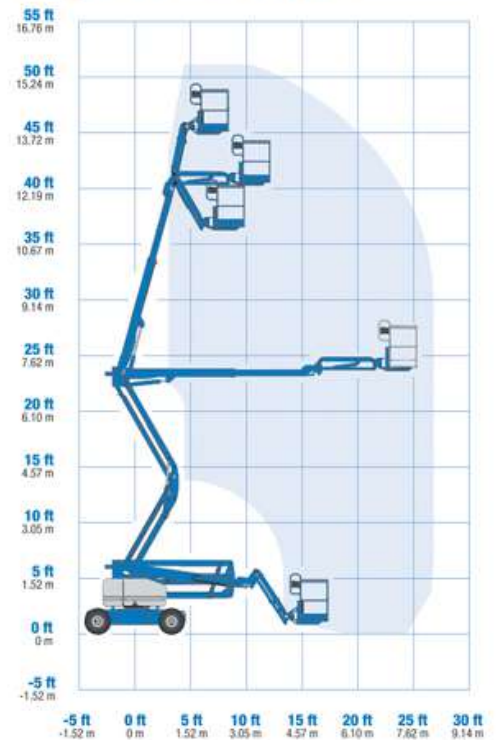
Power source - DC	48V DC (eight 6 V batteries, 350 Ah capacity)
Power source - Bi-Energy	48V DC (eight 6 V batteries, 350 Ah capacity) with 13.3hp (9.9kW) Kubota T4f Z482 diesel driven alternator
Auxiliary power unit	24V DC
Hydraulic tank capacity	8 gal / 30.3 L
Fuel tank capacity- Bi-Energy	9 gal / 34.1 L

Weight****

DC	16,300	7,394 kg
Bi-Energy	16,800	7,620 kg

Standards Compliance ANSI A92.5, CSA B354.4, EN 280, AS 1418.10

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.



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Features

Standard Features	Easily Configured To Meet Your Needs	Options & Accessories
<p>Measurements</p> <p>Z-45/25J</p> <ul style="list-style-type: none"> • 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 lb (227 kg) lift capacity <p>Productivity</p> <ul style="list-style-type: none"> • 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 • Entry toeboard on 6 ft (1.83m) platform • Lift Guard™ Contact Alarm • Dual parallelogram for vertical wall tracking • Articulating 5 ft (1.52 m) jib boom <p>Power</p> <ul style="list-style-type: none"> • 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 	<p>Platform Options</p> <ul style="list-style-type: none"> • Steel 6 ft (1.83 m) dual entry with side swing gate (standard) • Steel 3 ft 10 in (1.17m) with sliding mid-rail <p>Power</p> <ul style="list-style-type: none"> • 48V DC (eight 6V 350 Ah batteries) <p>Drive</p> <ul style="list-style-type: none"> • 2WD <p>Tire Options</p> <ul style="list-style-type: none"> • Industrial foam-filled (standard) • Industrial non-marking foam-filled 	<p>Productivity</p> <ul style="list-style-type: none"> • Lift Guard Platform Mesh - Half • Lift Guard Platform Mesh - Full • 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** • Lift Tools Expo Installer** <p>Power</p> <ul style="list-style-type: none"> • 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)



* Reduces platform capacity to 440 lb
 ** Available through aftermarket parts only

