

Specifications

Models	Z-45/25J DC	
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
A Platform length	2 ft 6 in	0.76 m
B Platform width	6 ft	1.83 m
C Height - stowed	6 ft 7 in	2.00 m
D Length - stowed	22 ft 5 in	6.83 m
E Width	5 ft 10.3 in	1.79 m
F Wheelbase	6 ft 8 in	2.03 m
G 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%	
Tilt sensor activation	front to back: 2.5° and side to side: 4.5°	
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

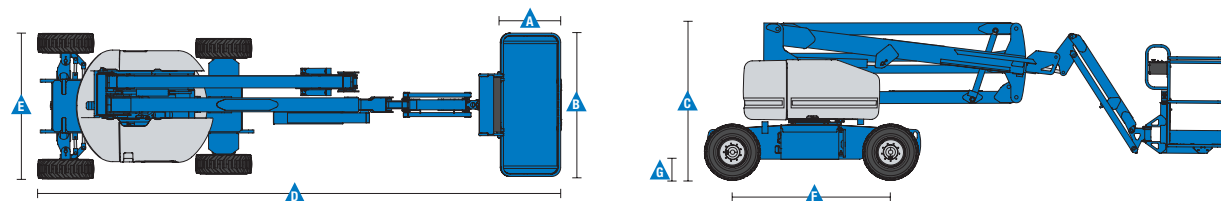
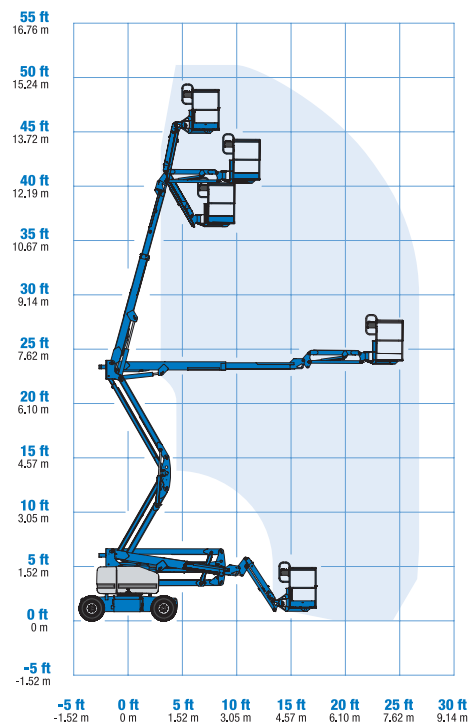
Power source - DC	48V DC (eight 6 V batteries, 350 Ah capacity)	
Power source - Bi-Energy	48V DC (eight 6 V batteries, 350 Ah capacity) with 13.3hp (9.9kW) Kubota T4f Z482 diesel driven alternator	
Auxiliary power unit	24V DC	
Hydraulic tank capacity	8 gal	30.3 L
Fuel tank capacity- Bi-Energy	9 gal	34.1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

Weight****

DC	16,315 lb	7,400 kg
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Standards Compliance ANSI A92.20, CSA B354.6, 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.

Self-Propelled Articulating Booms

Z[®]-45/25J DC

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"> • Articulating 5 ft (1.52 m) jib boom • 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 • Lift Guard™ Contact Alarm • Dual parallelogram for vertical wall tracking • Lift Connect™ Telematics • Lift Tools™ Work Tray • Platform load sense <p>Power</p> <ul style="list-style-type: none"> • 48V deep cycle battery pack • 24V DC auxiliary power • 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 • Platform top auxiliary rail • Air line to platform • Specialty hydraulic oil (fire resistant or biodegradable) • Aircraft protection package* • Pipe cradle (pair)** • Alarm 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 • Battery charge indicator-BCI • Low voltage interrupt with BCI • 800 watt inverter
		

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

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