

Self-Propelled Articulating Booms Z[™]-40/23N & Z[™]-40/23N RJ

Specifications

Models	Z-40/23N DC	;	Z-40/23N RJ	DC
Measurements	US	Metric	US	Metric
Working height maximum*	46 ft 5 in	14.32 m	46 ft 5 in	14.32 m
Platform height maximum	40 ft 5 in	12.32 m	40 ft 5 in	12.32 m
Horizontal reach maximum	22 ft 8 in	6.91 m	22 ft 8 in	6.91 m
Up and over clearance maximum	21 ft 3 in	6.48 m	21 ft 3 in	6.48 m
A Platform length	2 ft 6 in	0.76 m	2 ft 6 in	0.76 m
A Platform width	4 ft 8 in	1.42m	3 ft 10 in	1.17 m
🛕 Height - stowed	6 ft 6 in	1.98 m	6 ft 6 in	1.98 m
Length - stowed	21 ft 5 in	6.53 m	21 ft 5 in	6.53 m
AWidth	4 ft 11 in	1.50 m	4 ft 11 in	1.50 m
A Wheelbase	6 ft 5 in	1.96 m	6 ft 5 in	1.96 m
🛕 Ground clearance - center	9.5 in	24.1 cm	9.5 in	24.1 cm

Productivity

Lift capacity	500 lb	227 kg	500 lb	227 kg	
Platform rotation	180°		180°		
Vertical jib rotation	128°		128°		
Horizontal jib rotation			180°		
Turntable rotation	355° non-cont	355° non-continuous		355° non-continuous	
Turntable tailswing	5 in	0.13 m	5 in	0.13 m	
Drive speed - stowed	4.5 mph	7.2 km/h	4.5 mph	7.2 km/h	
Drive speed - raised**	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h	
Gradeability - stowed***	30%		30%		
Turning radius - inside	2 ft 11 in	.87 m	2 ft 11 in	0.87 m	
Turning radius - outside	10 ft 6 in	3.20 m	10 ft 6 in	3.20 m	
Controls	24 V DC propor	24 V DC proportional		24 V DC proportional	
Tires - front	22x7x17.75 in	0.56x0.18x0.45 m	22x7x17.75 in	0.56x0.18x0.45 m	
Tires - rear	25.6 x 7 in	0.64 x 0.18 m	25.6 x 7 in	0.64 x .018m	

Power

Power source	48 V DC (eig	48 V DC (eight 6 V batteries)		48 V DC (eight 6 V batteries)	
	350 Ah capa	350 Ah capacity		350 Ah capacity	
Drive system	AC Drive, 48	AC Drive, 48V 3 phase		AC Drive, 48V 3 phase	
Auxiliary power unit	24 V DC	24 V DC		24 V DC	
Hydraulic tank capacity	8 gal	30.3 L	8 gal	30.3 L	

Weight****

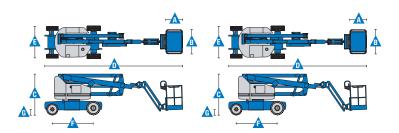
Standards	Compliance	

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

15,300 lb

6,940 kg

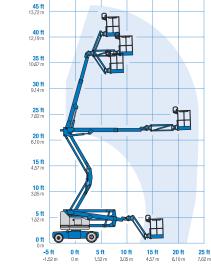
6,908 kg



15,230 lb

* 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 operated on firm, level surfaces only.

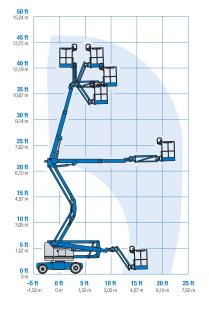
*** Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings. **** Weight will vary depending on options and/or country standards.



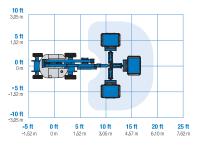
Range Of Motion Z-40/23N

50 ft 15,24 m

Range Of Motion Z-40/23N RJ



Jib Range Of Motion Z-40/23N RJ





Self-Propelled Articulating Booms

Z[™]-40/23N & Z[™]-40/23N RJ

Features

Standard Features

Measurements

Z-40/23N & Z-40/23N RJ

- 46 ft 5 in (14.32 m) working height
- 22 ft 8 in (6.91 m) horizontal reach
- 21 ft 3 in (6.48 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

Productivity

- 4 ft 11 in (1.50 m) width
- 2 ft 11 in (.87 m) inside turning radius
- 4 ft (1.22 m) jib boom with 128° working range
- AC electric drive system
- · Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Thumb rocker steer
- Drive enable
- AC power cord to platform
- Alarm package: flashing beacon and travel alarm
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Hydraulic filter condition monitor
- 355° non-continuous turntable rotation
- Traction control
- On board easy to understand diagonostics
- Lift Guard[™] Contact Alarm
- Dual parallelogram for vertical wall tracking

Power

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

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Easily Configured To Meet Your Needs

Platform Options

- Steel 4 ft 8 in (1.42 m) with sliding midrail (Z40N only)
- Steel 3 ft 10 in (1.17 m) with sliding mid-rail

Jib Options

- 4 ft (1.22 m) jib boom
- 4 ft (1.22 m) horizontal rotating jib boom

Power

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

Drive

2WD Electric AC

Tire

• Solid rubber non-marking

Options & Accessories

Productivity

- Platform swing gate
- Lift Guard Platform Mesh Half
- Lift Guard Platform Mesh Full
- Air line to platform
- Specialty hydraulic oil (Cold weather, fire resistant or biodegradable)
- Hostile environment kit
- Light package
- Lockable platform control box cover
- Florescent tube caddy**
- Pipe cradle (pair)**

Power

- AGM batteries
- 800 watt 120VAC power inverter



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

Effective Date: January, 2019. 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, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation or its subsidiaries in the USA and many other countries. Terex, Genie and AVP are registered trademarks of Terex Corporation or its subsidiaries. © 2019 Terex Corporation.

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