

# Self-Propelled Articulating Booms

Z™ -40/23N & Z™ -40/23N RJ

## Specifications

Models	Z-40/23N		Z-40/23N RJ	
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
<b>A</b> Platform length	2 ft 6 in	0.76 m	2 ft 6 in	0.76 m
<b>B</b> Platform width	4 ft 8 in	1.42m	3 ft 10 in	1.17 m
<b>C</b> Height - stowed	6 ft 6 in	1.98 m	6 ft 6 in	1.98 m
<b>D</b> Length - stowed	21 ft 5 in	6.53 m	21 ft 5 in	6.53 m
<b>E</b> Width	4 ft 11 in	1.50 m	4 ft 11 in	1.50 m
<b>F</b> Wheelbase	6 ft 5 in	1.96 m	6 ft 5 in	1.96 m
<b>G</b> Ground clearance - center	9.5 in	24.1 cm	9.5 in	24.1 cm

## Productivity

Lift capacity	500 lbs	227 kg	500 lbs	227 kg
Platform rotation	180°		180°	
Vertical jib rotation	128°		128°	
Horizontal jib rotation	—		90°	
Turntable rotation	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 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

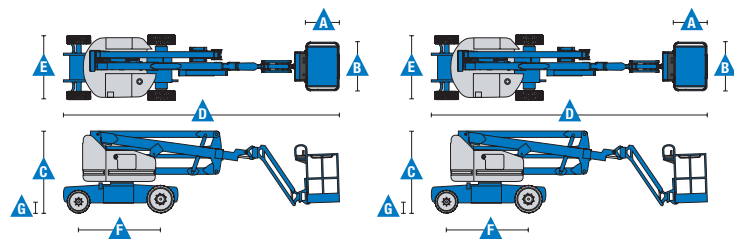
## Power

Power source	48 V DC (eight 6 V batteries)	48 V DC (eight 6 V batteries)
	350 Ah capacity	350 Ah capacity
Drive system	29 V 3 phase AC	29 V 3 phase AC
Auxiliary power unit	24 V DC	24 V DC
Hydraulic tank capacity	8 gal	30.3 L

## Weight\*\*\*\*

	15,230 lbs	6,908 kg	15,300 lbs	6,940 kg
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Standards Compliance ANSI A92.5, CSA B354.4, EN 280, AS 1418.10



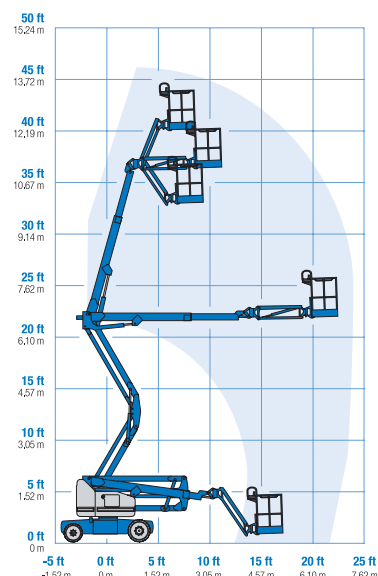
\* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

\*\* In lift mode (platform raised), the machine is designed to operate on firm, level surfaces only.

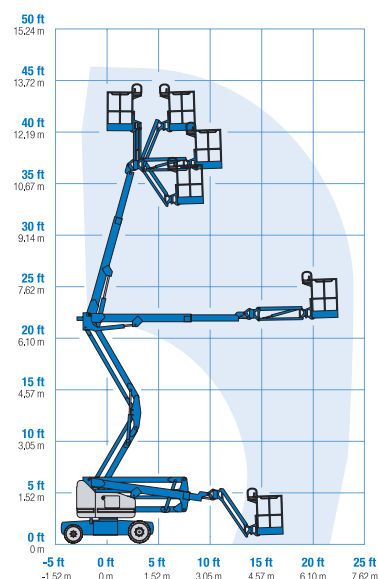
\*\*\* Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings.

\*\*\*\* Weight will vary depending on options and/or country standards.

## Range Of Motion Z-40/23N



## Range Of Motion Z-40/23N RJ



## Jib Range Of Motion Z-40/23N RJ

