

### Features

Standard Features	Early Delivery To Meet Your Needs	Options & Accessories
<b>Measurements</b> <b>Z<sup>+</sup>-40/23N &amp; Z<sup>+</sup>-40/23N RJ</b> <ul style="list-style-type: none"><li>• 40 ft 6 in (14.30 m) working height</li><li>• 22 ft 8 in (6.93 m) horizontal reach</li><li>• 21 ft 3 in (6.48 m) up and over clearance</li><li>• Up to 500 lbs (227 kg) lift capacity</li></ul>	<b>Platform Options</b> <ul style="list-style-type: none"><li>• Steel 4 ft 6 in (1.42 m) (Z40N only)</li><li>• Steel 3 ft 10 in (1.17 m)</li></ul> <b>Job Options</b> <ul style="list-style-type: none"><li>• 4 ft (1.22 m) jib boom</li><li>• 4 ft (1.22 m) horizontal rotating jib boom</li></ul> <b>Power</b> <ul style="list-style-type: none"><li>• 48 V DC (up to 5 V 350 Ah optional)</li></ul> <b>Drive</b> <ul style="list-style-type: none"><li>• 2ND Electric AC</li></ul> <b>Tire</b> <ul style="list-style-type: none"><li>• Solid rubber non-marking</li></ul>	<b>Productivity</b> <ul style="list-style-type: none"><li>• Platform swing gate</li><li>• Half-mast platform inserts with swing gate</li><li>• Air line to platform</li><li>• Five constant hydraulic oil</li><li>• Biodegradable hydraulic oil</li><li>• Hoist disengagement package</li><li>• Tool tray</li><li>• Fluorescent tube caddy</li><li>• Pops cradle (pat)</li><li>• Flaming beacon</li><li>• Work light package</li><li>• Louvered platform control box cover</li></ul> <b>Power</b> <ul style="list-style-type: none"><li>• AGM batteries</li><li>• 600-watt 100AMP power inverter</li></ul>
<b>Productivity</b> <ul style="list-style-type: none"><li>• 4 ft 11 in (1.50 m) width</li><li>• 2 ft 11 in (0.87 m) inside turning radius</li><li>• 4 ft (1.22 m) jib boom with 120° working angle</li><li>• Self-leveling platform</li><li>• Hydraulic platform rotation</li><li>• Fully proportional controls</li><li>• Trunk rocker steer</li><li>• Drive enable</li><li>• AC power cord to platform</li><li>• Horn</li><li>• Hour meter</li><li>• Tire alarm</li><li>• Decant, motion, S-tracker alarm</li><li>• Hydraulic filter condition monitor</li><li>• 330° non-continuous turntable rotation</li><li>• Variable speed high-efficiency hydraulic power unit</li><li>• AC electric drive system</li><li>• Trackball control</li><li>• On board easy to understand diagnostics</li></ul>		
<b>Power</b> <ul style="list-style-type: none"><li>• 48 V DC deep cycle battery pack</li><li>• 24 V DC auxiliary power</li><li>• Universal 30A battery smart charger</li><li>• Battery charge indicator</li><li>• Low battery voltage interrupt</li></ul>		

\*Maximum platform height capacity is 500 lbs

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### Specifications

Booms	Z-40/23N		Z-40/23N RJ	
Measurements	US	Metric	US	Metric
Working height maximum*	48 ft 3 in	14.22 m	48 ft 3 in	14.22 m
Platform height maximum	42 ft 5 in	12.92 m	42 ft 5 in	12.92 m
Horizontal reach maximum	21 ft 6 in	6.58 m	21 ft 6 in	6.58 m
By and over clearance maximum	21 ft 5 in	6.48 m	21 ft 3 in	6.48 m
▲ Platform height	23 ft 6 in	7.18 m	23 ft 6 in	7.18 m
▲ Platform width	38 ft 10 in	11.87 m	38 ft 10 in	11.87 m
▲ Height - stored	6 ft 6 in	1.98 m	6 ft 6 in	1.98 m
▲ Length - stored	21 ft 5 in	6.53 m	21 ft 5 in	6.53 m
▲ Width	48 ft 11 in	14.95 m	48 ft 11 in	14.95 m
▲ Wheelbase	9 ft 5 in	2.88 m	9 ft 5 in	2.88 m
▲ Ground clearance - center	7 in	0.18 m	7 in	0.18 m

### Productivity

Lift capacity	500 lbs	227 kg	500 lbs	227 kg
Platform rotation	180°		180°	
Vertical jib rotation	128°		128°	
Horizontal jib rotation	—		180°	
Turntable rotation	360° non-cumulative		360° non-cumulative	
Turntable telescoping	5 in	0.13 m	5 in	0.13 m
Drive speed - forward	4.8 mph	7.7 km/h	4.8 mph	7.7 km/h
Drive speed - reverse**	3.08 mph	4.95 km/h	3.08 mph	4.95 km/h
Stability - stored***	30%		30%	
Turning radius - basic	29.11 ft	8.97 m	29.11 ft	8.97 m
Turning radius - outside	11.9 ft	3.63 m	10.9 ft	3.32 m
Controls	24 V DC proportional		24 V DC proportional	
Tires - front	22x14.75 in. 0.9MAG 18G-15 in		22x14.75 in. 0.9MAG 18G-15 in	
Tires - rear	25.0 x 7 in. 0.80 x 0.18 in		25.0 x 7 in. 0.80 x 0.18 in	

### Power

Power source	48 V DC (light 11V battery)		48 V DC (light 11V battery)	
Drive system	30V 3 phase AC		30V 3 phase AC	
Auxiliary power unit	34 V DC		34 V DC	
Hydraulic tank capacity	9 gal	33.7 L	9 gal	33.7 L

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

11,200 lbs	5,080 kg	11,300 lbs	5,100 kg
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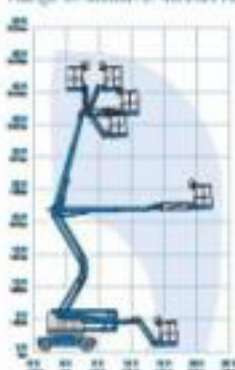
Standards Compliance ANSI A92.5, CSA B334.4, EN 280, AS 1418.10



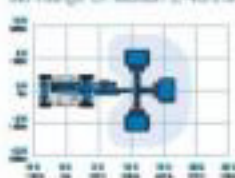
Range Of Motion Z-40/23N



Range Of Motion Z-40/23N RJ



Jib Range Of Motion Z-40/23N RJ



\* To ensure compliance of working height 48 ft 3 in to platform height, U.S. 48 ft 6 in to platform height  
 \*\* To lift loads, load must be evenly distributed and boom must be extended to maximum reach  
 \*\*\* Stability depends on driving conditions. One operator is required for steering, regardless of boom design  
 \*\*\*\* Weight will vary depending on options and accessories. See dealer.