

# Self-Propelled Articulating Booms

## Z™-30/20N & Z™-30/20N RJ

### Specifications

Models	Z-30/20N DC		Z-30/20N RJ DC	
Measurements	US	Metric	US	Metric
Working height maximum*	36 ft	11.14 m	35 ft 2 in	10.89 m
Platform height maximum	30 ft	9.14 m	29 ft 2 in	8.89 m
Horizontal reach maximum	21 ft 5 in	6.53 m	20 ft 6 in	6.25 m
Up and over clearance maximum	12 ft 8 in	3.86 m	12 ft 8 in	3.86 m
Platform length	2 ft 6 in	0.76 m	2 ft 6 in	0.76 m
Platform width	3 ft 10 in	1.17 m	3 ft 10 in	1.17 m
Height - stowed	6 ft 6.5 in	2 m	6 ft 6.5 in	2 m
Length - stowed	16 ft 9 in	5.11 m	17 ft 5 in	5.31 m
Storage height	6 ft 7 in	2.08 m	7 ft 4 in	2.24 m
Storage length	11 ft 6 in	3.5 m	12 ft	3.66 m
Width	3 ft 11 in	1.19 m	3 ft 11 in	1.19 m
Wheelbase	5 ft 2 in	1.58 m	5 ft 2 in	1.58 m
Ground clearance - center	3.5 in	0.09 m	3.5 in	0.09 m

### Productivity

Lift capacity	500 lbs	227 kg	500 lbs	227 kg
Platform rotation	180°		180°	
Vertical jib rotation	139°		139°	
Horizontal jib rotation	—		180°	
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero		zero	
Drive speed - stowed	3.0 mph	4.8 km/h	3.0 mph	4.8 km/h
Drive speed - raised**	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Gradeability - stowed***	35%		35%	
Turning radius - inside	5 ft 5 in	1.65 m	5 ft 5 in	1.65 m
Turning radius - outside	10 ft 7 in	3.23 m	10 ft 7 in	3.23 m
Controls	24 V DC proportional		24 V DC proportional	
Tires - solid non-marking	22x7x17.75 in	.56x.18x.45 m	22x7x17.75 in	.56x.18x.45 m

### Power

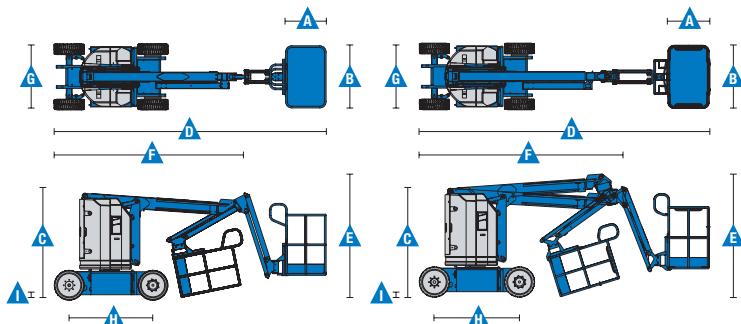
Power source	48 V DC (eight 6 V batteries 350 Ah capacity)	48 V DC (eight 6 V batteries 350 Ah capacity)
Auxiliary power unit	24 V DC	24 V DC
Hydraulic tank capacity	4 gal	15.1 L

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

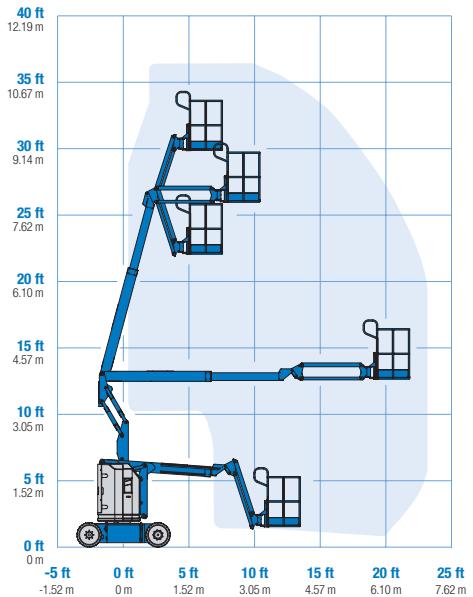
	14,170 lbs	6,428 kg	14,220 lbs	6,450 kg
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### Standards Compliance

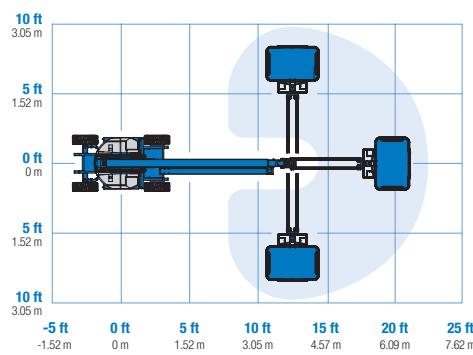
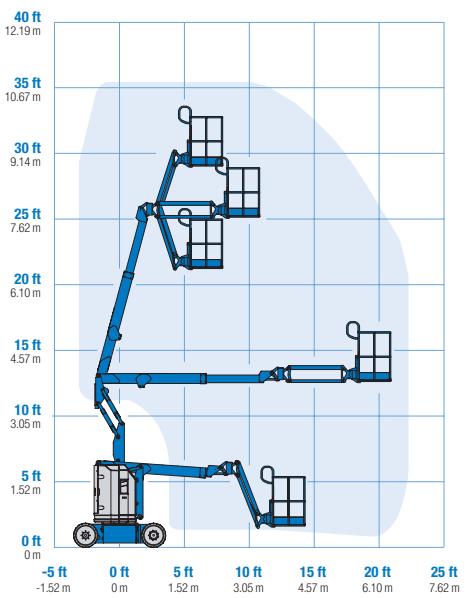
ANSI A92.5, CSA B354.4, EN 280, AS 1418.10



### Range Of Motion Z-30/20N



### Range Of Motion Z-30/20N RJ



\* 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™-30/20N & Z™-30/20N RJ

## Features

Standard Features	Easily Configured To Meet Your Needs	Options & Accessories
<b>Measurements</b>		
<b>Z-30/20N</b>		
<ul style="list-style-type: none"> <li>• 36 ft (11.14 m) working height</li> <li>• 21 ft 5 in (6.53 m) horizontal reach</li> <li>• 12 ft 8 in (3.86 m) up and over clearance</li> <li>• Up to 500 lbs (227 kg) lift capacity</li> </ul>	<ul style="list-style-type: none"> <li>• Steel 3 ft 10 in (1.17 m) with sliding mid-rail</li> </ul>	<ul style="list-style-type: none"> <li>• Platform swing gate</li> <li>• Half-mesh platform inserts with swing gate</li> <li>• Platform top auxiliary rail</li> <li>• Air line to platform</li> <li>• Specialty hydraulic oil (cold weather, fire resistant or biodegradable)</li> <li>• Aircraft protection package (Not available on RJ model)*</li> <li>• Hostile environment kit</li> <li>• Fluorescent tube caddy **</li> <li>• Pipe cradle (pair) **</li> <li>• Flashing beacon</li> <li>• Light package</li> <li>• Lockable platform control box cover</li> </ul>
<b>Z-30/20N RJ</b>		
<ul style="list-style-type: none"> <li>• 35 ft 2 in (10.89 m) working height</li> <li>• 20 ft 6 in (6.25 m) horizontal reach</li> <li>• 12 ft 8 in (3.86 m) up and over clearance</li> <li>• Up to 500 lbs (227 kg) lift capacity</li> </ul>	<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>	<ul style="list-style-type: none"> <li>• 48 V DC power source</li> </ul>
<b>Productivity</b>	<b>Power</b>	<b>Power</b>
<ul style="list-style-type: none"> <li>• 4 ft (1.22 m) jib boom with 139° working range</li> <li>• Self-leveling platform</li> <li>• Hydraulic platform rotation</li> <li>• Proportional joystick controls</li> <li>• Thumb rocker steer</li> <li>• Drive enable</li> <li>• AC power cord to platform</li> <li>• Horn</li> <li>• Hour meter</li> <li>• Tilt alarm</li> <li>• Descent &amp; travel alarms</li> <li>• Zero tailswing and front arm swing</li> <li>• 355° non-continuous turntable rotation</li> <li>• Telematics ready connector</li> <li>• Lift Guard™ Contact Alarm</li> <li>• Dual parallelogram for vertical wall tracking</li> </ul>	<ul style="list-style-type: none"> <li>• 2WD</li> </ul>	<ul style="list-style-type: none"> <li>• AGM batteries</li> <li>• EE UL583 Fire Protection rating</li> <li>• Battery charge indicator (BCI)</li> <li>• Low voltage interrupt with BCI</li> <li>• 800 watt 120VAC power inverter</li> </ul>
<b>Tire</b>	<b>Tire</b>	
<ul style="list-style-type: none"> <li>• Solid rubber non-marking</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> </ul>		<p>* Reduces platform weight capacity to 440 lbs  ** Available through aftermarket parts only</p>

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