



Self-Propelled Articulating Booms

Z™-34/22N

Features

Standard Features	Easy Configured To Meet Your Needs	Options & Accessories
Measurements	Platform Options	Productivity
<ul style="list-style-type: none"> • 40 ft 6 in (12.32 m) working height • 22 ft 3 in (6.78 m) horizontal reach • 10 ft 11 in (3.32 m) input and over outreach • Up to 300 lb (137 kg) lift capacity 	<ul style="list-style-type: none"> • Steel 4 ft 8 in (1.42 m) standard • Steel 3 ft 10 in (1.17 m) 	<ul style="list-style-type: none"> • Platform swing gate • Half-mast platform inserts with swing gate • Platform top auxiliary rail • Air line to platform • Aircraft protection package • Hostile environment package • Fire-resistant hydraulic oil • Biodegradable hydraulic oil • Tool tray • Fluorescent tube caddy • Pipe cradle (part) • Painting ladder • Platform work lights • Lockable platform control box cover
Productivity	Steel	Power
<ul style="list-style-type: none"> • 4 ft (1.22 m) jo boom with 120° working range • Self-leveling platform • Hydraulic platform rotator • Fully proportional controls • Thru-boom steer • Drive enable • AC power cord to platform • Horn • Hand radio • Tilt alarm • Emergency travel alarms • 360° non-stop boom (full-circle rotation) • Zero tailswing 	<ul style="list-style-type: none"> • 4 ft (1.22 m) jo boom 	<ul style="list-style-type: none"> • AGM batteries • UL 503 Fire Protection rating • Battery charge indicator (BCI) • Low voltage interrupt with BCI • 800-watt 120VAC power inverter
<ul style="list-style-type: none"> • 48V Deep cycle battery pack • 24V DC auxiliary power • Universal 30A battery smart charger 	Power	



[†] Maximum platform weight capacity is 300 lb.

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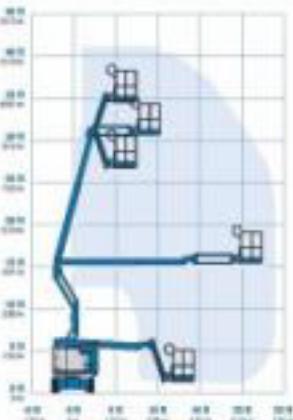
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Specifications

Model	Z-34/22N	Metric
Dimensions (ft)	1.85	
Working height maximum*	42 ft 6 in	12.82 m
Pattern height maximum	34 ft 6 in	10.52 m
Horizontal reach maximum	30 ft 7 in	6.79 m
Up and over clearance maximum	16 ft 1 in	4.88 m
Platform length	21 ft 6 in	6.56 m
Platform width	4 ft 8 in	1.42 m
Height - stowed	6 ft 1 in	1.85 m
Length - stowed	18 ft 3 in	5.72 m
Storage length	19 ft 6 in	5.90 m
Storage height	13 ft 9 in	4.19 m
Width	8 ft 12 in	2.57 m
Wheels	6 ft 2 in	1.88 m
Ground clearance - stowed	0.5 ft	0.14 m

Range Of Motion Z-34/22N



Productivity

Lift capacity	600 lbs	272 kg
Platform rotated	180°	
Vertical lift rotation	130°	
Turntable rotation	360° non continuous	
Turntable following	±80°	
Drive speed - stowed	4.2 mph	6.7 km/h
Drive speed - raised**	0.8 mph	1.3 km/h
Ground level - stowed***	26%	
Turning radius - stowed	1 ft	0.30 m
Turning radius - extended	13 ft 9 in	4.19 m
Gearbox	20x 20 proportioned	
Free fall radius; non-stowing, stowed	23 ft x 17 ft 7 in	7.01 m x 5.36 m

Power

Power source	48V DC liquid-cooled lithium ion battery
Auxiliary power unit	400 V DC
Automatic tank capacity	4 gal

Weight****

11,400 lbs	5,171 kg
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Standards Compliance

ANSI/ASME A92.39H, CSA Z334.1, EN 280, AS/NZS 1118.11



*Up to 10° increment of working height adds 2 ft to platform height, up to 10° adds 3 ft to platform height.

**With travel gearshift selected, the machine is designed to operate at full boom surface only.

***Maximum radius to turning at stowed. Turn radius is measured from center of turntable according to machine centerline.

****Weights will vary depending on engine and/or auxiliary components.