

# SELF-PROPELLED ARTICULATING BOOMS | **ELECTRIC**

## NARROW ACCESS **SOLUTIONS**

Drive through standard doorways, work close to buildings or around obstacles, and access overhead work from aisles and other congested areas. It's all possible with Genie® narrow electric lifts. From tight turning to a rotating platform, they're designed with features that make it easy to maneuver precisely where you need to work. Working heights range from 36 ft (11.14 m) to 46 ft 5 in (14.32 m).

### **TIGHT ACCESS MANEUVERABILITY**

The electric boom line includes a variety of narrow models ideal for the tightest, most confined work areas. These compact designs feature a tight turning radius with zero tailswing on most models for easy maneuvering through narrow aisles and standard doors.



### **EXCEPTIONAL CONTROL**

Proportional lift and drive controls allow precise positioning of the boom and smooth drive performance. For added flexibility, the energy-saving new Z™-40/23N control system allows efficient operation of multiple functions at the same time — which allows you to get where you need to go faster.

**The Genie® Z™-40/23N models are the first in the industry to feature the efficient new AC drive system.**

### PRECISE POSITIONING

The self-leveling platform rotates 90° to either side, while the jib boom moves 130° to 139° vertically, depending on the model. The 4 ft (1.22 m) jib moves horizontally 180° on rotating jib (RJ) models for extra working range. Proportional controls allow you to control the speed of each function and make smooth, precise adjustments in tight areas.



### RELIABLE ELECTRIC DRIVE SYSTEMS

Several models feature a 48V DC electric drive system, which can be freely used in areas where quiet, emission-free operation is important. The Z™-40/23N models are the first in the industry to feature Genie's new AC drive system, which combines DC batteries with 3-phase AC drive motors for quiet, more energy efficient operation and longer battery life. This advanced system yields better drive speed and gradeability, and the drive wheels work independently for excellent traction control.



### NARROW MODELS AVAILABLE

Z™-30/20N

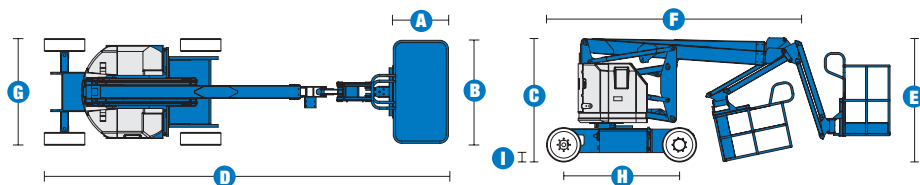
Z™-30/20N RJ

Z™-34/22N

Z™-40/23N

Z™-40/23N RJ

# Specifications



MODEL Z™-34/22N		
MEASUREMENTS	US	Metric
Working height maximum*	40 ft 6 in	12.52 m
Platform height maximum	34 ft 6 in	10.52 m
Horizontal reach maximum	22 ft 3 in	6.78 m
Up and over clearance maximum	15 ft 2 in	4.62 m
<b>A</b> Platform length	2 ft 6 in	.76 m
<b>B</b> Platform width	4 ft 8 in	1.42 m
<b>C</b> Height - stowed	6 ft 7 in	2.00 m
<b>D</b> Length - stowed	18 ft 9 in	5.72 m
<b>E</b> Storage height	7 ft 5 in	2.26 m
<b>F</b> Storage length	13 ft 9 in	4.19 m
<b>G</b> Width	4 ft 10 in	1.47 m
<b>H</b> Wheelbase	6 ft 2 in	1.88 m
<b>I</b> Ground clearance - center	5.5 in	.14 m

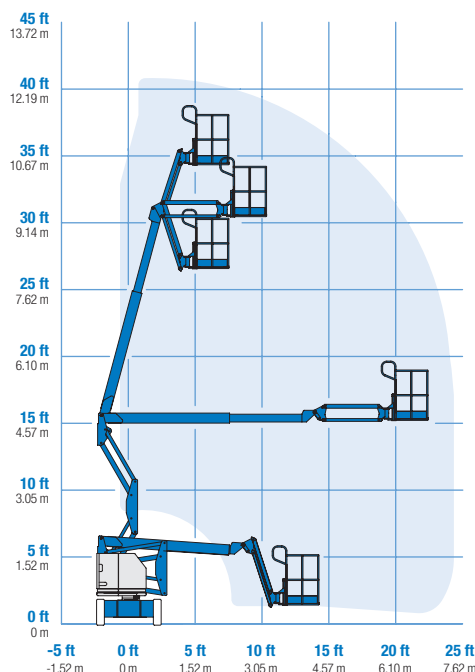
PRODUCTIVITY		
Lift capacity	500 lbs	227 kg
Platform rotation	180°	
Vertical jib rotation	139°	
Turntable rotation	355° non-continuous	
Turntable tailswing	zero	
Drive speed - stowed	4.0 mph	6.4 km/h
Drive speed - raised**	0.68 mph	1.1 km/h
Gradeability - stowed***	35%	
Turning radius - inside	7 ft	2.13 m
Turning radius - outside	13 ft 5 in	4.08 m
Controls	24V DC proportional	
Tires (solid rubber, non-marking, treaded)	22 x 7 x 17.75 in	.56 x .18 x .45 m

POWER		
Power source	48V DC (eight 6 V batteries 315 Ah capacity)	
Auxiliary power unit	24V DC	
Hydraulic tank capacity	4 gal	15.1 L

WEIGHT****		
	11,400 lbs	5,171 kg

**STANDARDS COMPLIANCE** ANSI A92.5, CSA B354.4, CE Compliance, AS 1418.10

## RANGE OF MOTION Z™-34/22N



\* 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.

## Features

### EASILY CONFIGURED TO MEET YOUR NEEDS

#### PLATFORM OPTIONS

- Steel 4 ft 8 in (1.42 m) (standard)
- Steel 3 ft 10 in (1.17 m)

#### JIB

- 4 ft (1.22 m) jib boom

#### POWER

- 48V DC power source

#### DRIVE

- 2WD

#### TIRE

- Solid rubber non-marking

### STANDARD FEATURES

#### MEASUREMENTS

- 40 ft 6 in (12.52 m) working height
- 22 ft 3 in (6.78 m) horizontal reach
- 15 ft 2 in (4.62 m) up and over clearance
- Up to 500 lbs (227 kg) lift capacity

#### PRODUCTIVITY

- 4 ft (1.22 m) jib boom with 139° working range
- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional controls
- Thumb rocker steer
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent & travel alarms
- 355° non-continuous turntable rotation
- Zero tailswing
- Sep-Ex drive system

#### POWER

- 48V deep cycle battery pack
- 24V DC auxiliary power
- 25 Amp 48 V battery charger



### OPTIONS & ACCESSORIES

#### PRODUCTIVITY

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Air line to platform
- Deluxe aircraft protection package
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Flashing beacon
- Platform work lights
- Lockable platform control box cover
- Front driving lights

#### POWER

- EE UL583 Fire Protection rating
- Battery charge indicator (BCI)
- Low voltage interrupt with BCI
- 800 watts inverter
- Retained key selector switch

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