



**Narrow
Self-Propelled
Articulating
Boom**

**Z[™]-30/20N
Z[™]-30/20N RJ**

○ Zero tailswing!
It works in tight
places.



Genie Industries

Z-30/20N Z-30/20N RJ

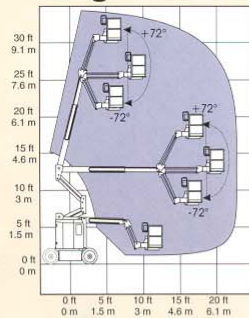
Compelling Reasons to Buy the Z-30/20N Boom

- Zero tailswing and zero front arm swing in stowed and raised working positions, along with its 47 in (1.2 m) wide chassis, make this boom the only one with **true narrow aisle access**.
- The 4 ft (1.22 m) jib boom has 144° range of motion, so **it can be positioned above or below horizontal**.
- Z-30/20N RJ has optional rotating jib that adds an industry-leading 200° of horizontal rotation.
- 180° powered platform rotation allows **precise platform positioning and easy operation**.
- The all-new Sep-Ex drive motors and controller provide automatic **hill braking and ramp braking**.
- The Sep-Ex drive system allows maximum drive performance resulting in **35% gradeability and 3.3 mph travel speed**.
- The Sep-Ex motor controller **eliminates the need for forward/reverse contractors or speed sensors**. This reduces complexity and improves the reliability of the drive system.

Standard Features

- Compact 47 in (1.2 m) overall width
- 500 lb (227 kg) lift capacity
- Fully proportional controls
- 180° platform rotation
- Self-leveling platform
- Jib features 144° working range
- 48V DC power source
- Drive enable system
- AC wiring to platform
- Solid rubber, non-marking tires
- Hour meter

Range of Motion



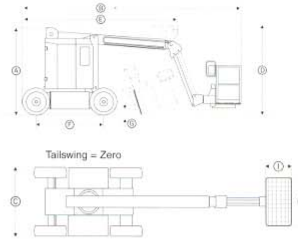
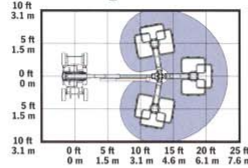
Options and Accessories

- Rotating jib, providing 200° of horizontal rotation
- Battery charge indicator
- Alarm package

Standards Compliance

- ANSI/SIA A92.5
- CSA CAN3-B354.4-M82
- CE compliance option
- AS 1418.10

Range of Motion for Rotating Jib



Specifications

	Z-30/20N		Z-30/20N RJ	
	US	Metric	US	Metric
Working height max	36 ft	11 m	34 ft 10 in	10.6 m
Platform height max	30 ft	9.1 m	28 ft 10 in	8.8 m
(A) Height - stowed	6 ft 7 in	2 m	6 ft 7 in	2 m
(B) Length - stowed	16 ft 9 in	5.1 m	17 ft 5 in	5.3 m
(C) Width	3 ft 11 in	1.2 m	3 ft 11 in	1.2 m
(D) Storage height	6 ft 10 in	2.08 m	7 ft 4 in	2.24 m
(E) Storage length	11 ft 6 in	3.5 m	12 ft	3.76 m
(F) Wheelbase	5 ft 2 in	1.57 m	5 ft 2 in	1.57 m
(G) Ground clearance	3½ in	9 cm	3½ in	9 cm
(H) Platform width	46 in	1.17 m	46 in	1.17 m
(I) Platform length	30 in	76 cm	30 in	76 cm
Horizontal reach max	21 ft	6.4 m	20 ft 8 in	6.3 m
Up and over clearance	12 ft 6 in	3.8 m	12 ft 6 in	3.8 m
Lift capacity	500 lb	227 kg	500 lb	227 kg
Turning radius (outside)	9 ft 10 in	3 m	9 ft 10 in	3 m
Turning radius (inside)	5 ft 5 in	1.65 m	5 ft 5 in	1.65 m
Turntable rotation	359°		359°	
Tailswing	zero		zero	
Power source	48V (8 6V 350 AH batteries)			
Drive speed - stowed	0-3.3 mph	0-5.3 km/h	0-3.3 mph	0-5.3 km/h
Drive speed - raised *	0-0.6 mph	0-1 km/h	0-0.6 mph	0-1 km/h
Controls	proportional		proportional	
Platform rotation	180°		180°	
AC wiring to platform	standard		standard	
Tires (solid rubber, non-marking)	22 x 7 x 18 in	56 x 18 x 46 cm (both models)		
Auxiliary power unit	standard (electric)		standard (electric)	
Gradeability	35%		35%	
Hydraulic tank capacity	4 gal	15 litre	4 gal	15 litre
Weight	14,500 lb	6,577 kg	14,600 lb	6,622 kg

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

Distributed By:

Genie Industries

GENIE UNITED STATES
18340 NE 76th Street
P.O. Box 97030
Redmond, Washington 98073-9730
Telephone (425) 881-1800
Toll Free in USA/Canada 800-536-1800
Fax (425) 883-3475
http://www.genielift.com

GENIE UNITED KINGDOM
Brunel Drive, Newark
Nottinghamshire NG24 2EG
England
Telephone (44) 01636-614700
Fax (44) 01636-611090
http://www.genielift.com

For further information please contact your local distributor or the Genie sales office listed. Failure to follow the appropriate Operator's Manual when using a Genie Z-30/20N or Z-30/20N RJ, or to otherwise act irresponsibly, may result in serious injury or death. Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation. The photographs and drawings in this brochure are for illustrative purposes only. Refer to appropriate "Genie Z-30/20N Operators Manual" for instructions on the proper use of this equipment. Copyright © 1996 by Genie Industries. Printed in the USA on recyclable paper. "Genie" and "Z" are Registered Trademarks of Genie Industries in the USA and many other countries. Genie is the owner of US Patent: 5,669,517, Z30N 50K 0500F, Part No. 65020