

LARGE SELF-PROPELLED ARTICULATING BOOMS | ENGINE-POWERED

ULTIMATE LIFTING VERSATILITY

The largest of the Genie® engine-powered articulating Z™-booms, these models have outstanding range of motion — with features like a telescoping jib and 360° continuous turntable rotation. Powerful engine options, plus four-wheel drive and four-wheel steer take you to the work area efficiently, even over rough terrain. And the Z™-boom design provides excellent up and over positioning from 29 ft (8.83 m) on the Z™-80/60 to 75 ft 6 in (23.01 m) on the Z™-135/70.

EXCLUSIVE XCHASSIS™ AXLE DESIGN

The XChassis™ expanding axle revolutionizes the mechanism for extending and retracting the axles to and from the stowed position. It combines outstanding stability with the flexibility for easy transport at a stowed machine width of just 8 ft 1 in (2.46 m) on the Z™-135/70. The Z™-80/60 offers fixed-width axles for convenient transport.

ADVANCED CONTROLS

The ALC 1000 electronic control system provides menu-based adjustments for machine and component calibration as well as on-screen multi-language system diagnostics.



TRACTION FOR IRREGULAR TERRAIN

Four-wheel drive with full-time positive traction handles rough ground conditions to enhance the smoothness of the ride. The full time active oscillating axle on the Z™-80/60 maximizes wheel contact on irregular terrain. Four-wheel steer comes standard on the Z™-135/70, with front wheel, rear wheel, crab and coordinated steer options available to provide additional maneuverability.

POWERFUL ENGINE OPTIONS

Quiet diesel engines like the turbocharged Deutz option give you more power and increased performance at higher altitudes, as well as plenty of torque for superior gradeability and terrainability. Dual fuel options are available on the Z™-80/60.

The Genie® Jib-Extend™ telescoping jib extends from 12 to 20 ft (3.66 to 6.10 m)- providing outstanding reach and up-and-over clearance.

OUTSTANDING REACH AND UP-AND-OVER CLEARANCE

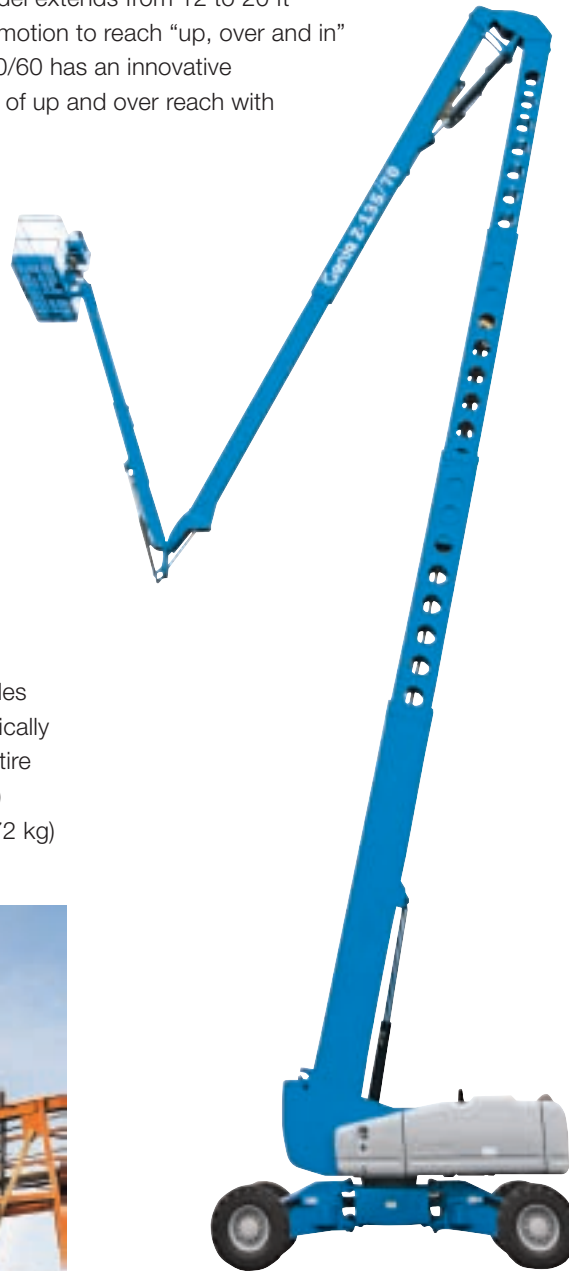
The Jib-Extend™ telescoping jib on the Z™-135/70 model extends from 12 to 20 ft (3.66 to 6.10 m) and provides a 110° vertical range of motion to reach “up, over and in” applications inaccessible by a traditional jib. The Z™-80/60 has an innovative reverse-articulating secondary boom for 29 ft (8.83 m) of up and over reach with zero front arm swing.

GENIE FAST MAST™ SYSTEM

The Genie Fast Mast™ system allows you to lower the platform to the ground without having to lower the secondary boom — so operators can ascend and descend quickly and efficiently. In addition, this timesaving design raises both primary and secondary booms simultaneously to help the operator reach full elevation fast and maximize productivity.

QUICK, FLEXIBLE POSITIONING

Both models have 360° continuous rotation turntables for fast, easy positioning. The platform also hydraulically rotates a full 160° and stays level throughout the entire range of motion. Choose 6- or 8-ft (1.83 or 2.44 m) front-entry platforms with 500 to 600 lbs (227 to 272 kg) of capacity for operators and tools.

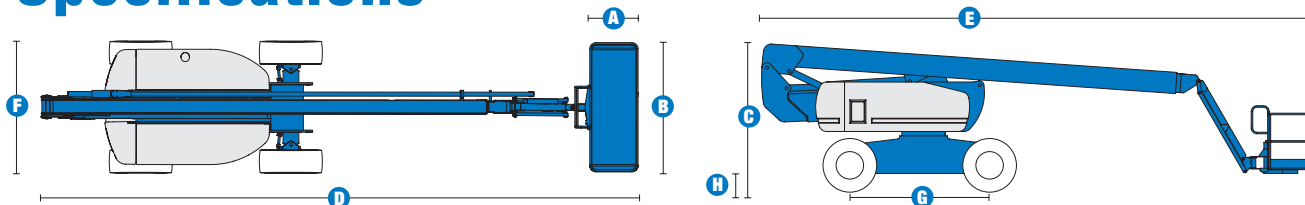


ROUGH TERRAIN MODELS AVAILABLE

Z™-80/60

Z™-135/70

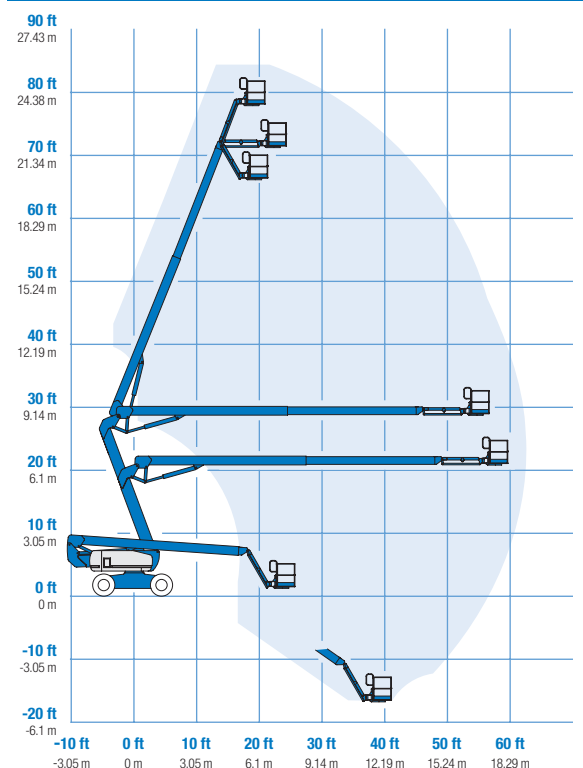
Specifications



MODEL Z™-80/60

MEASUREMENTS	US	Metric
Working height maximum*	84 ft	25.77 m
Platform height maximum	78 ft	23.77 m
Horizontal reach maximum	60 ft	18.29 m
Up and over clearance maximum	29 ft	8.83 m
Below ground reach	15 ft 10 in	4.83 m
A Platform length - 8 ft / 6 ft / 5 ft / 4 ft	3ft/2ft6in/2ft6in/2ft6in	.91m/.76m/.76m/.76m
B Platform width - 8 ft / 6 ft / 5 ft / 4 ft	8ft/6ft/5ft/4ft	2.44m/1.83m/1.52m/1.22m
C Height - stowed	9 ft 10 in	3.00 m
D Length - stowed	37 ft	11.27 m
E Length - transport	37 ft	11.27 m
F Width	8 ft 2 in	2.49 m
G Wheelbase	9 ft 4 in	2.85 m
H Ground clearance - center	12 in	.30 m

RANGE OF MOTION Z™-80/60



PRODUCTIVITY

Lift capacity	500 lbs	227 kg
Platform rotation	160°	
Vertical jib rotation	135°	
Turntable rotation	360° continuous	
Turntable tailswing - riser up	3 ft 10 in	1.17 m
Turntable tailswing - riser down	7 ft 4 in	2.24 m
Drive speed - stowed	3.0 mph	4.83 km/h
Drive speed - raised**	0.68 mph	1.1 km/h
Lift speed to full height	76 sec	
Gradeability - 2WD - stowed***	30%	
Gradeability - 4WD - stowed***	45%	
Turning radius - 2WS inside	14 ft 6 in	4.42 m
Turning radius - 2WS outside	24 ft 6 in	7.47 m
Turning radius - 4WS inside	7 ft	2.13 m
Turning radius - 4WS outside	15 ft	4.57 m
Controls	12 V DC proportional	
Tires	18-625 NHS	

POWER

Power source	Deutz TD 2011 L04i 4 cylinder diesel 78 hp (58 kW) Perkins 804D-33 4 cylinder diesel 63 hp (47 kW) Continental TME27 4 cylinder gas/LPG 74 hp (55 kW)
Auxiliary power unit	12 V DC
Hydraulic tank capacity	45 gal / 170 L
Fuel tank capacity – diesel machines	35 gal / 132 L
– gas/LPG machines	30 gal / 114 L

WEIGHT****

2WS	35,900 lbs	16,284 kg
4WS	37,500 lbs	17,010 kg

* 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.

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

Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS

- Steel 8 ft (2.44 m) (standard)
- Steel 6 ft (1.83 m)
- Steel 6 or 8 ft (1.83 or 2.44 m) tri-entry**
- Steel 4 ft (1.22 m)**
- Steel 5 ft (1.52 m)**

JIB

- 6 ft (1.83 m) jib boom

POWER OPTIONS

- Deutz diesel 78 hp (58 kW)
- Perkins diesel 63 hp (47 kW)
- Continental gas/LPG 74 hp (55 kW)

DRIVE/STEER OPTIONS

- 2WD (standard)
- 4WD
- 2WS (standard)
- 4WS

AXLE

- Active oscillation

TIRE OPTIONS

- Rough terrain foam-filled (standard)
- Rough terrain non-marking foam-filled
- High flotation rough terrain

STANDARD FEATURES

MEASUREMENTS:

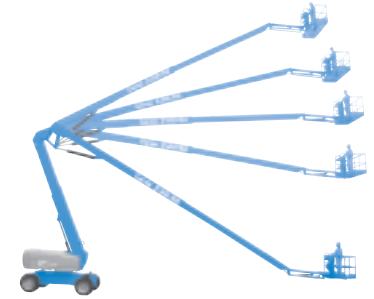
- 84 ft (25.77 m) working height
- 60 ft (18.28 m) horizontal reach
- 29 ft (8.83 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

PRODUCTIVITY

- 6 ft (1.83 m) jib with 135° range
- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional Hall effect controls
- On-board diagnostics
- ALC 1000 electronic control system
- Hydraulic oil cooler
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- Locking turntable covers
- Full-time positive traction drive
- Two speed wheel motors
- Four steering modes: front, rear, crab and coordinated
- Configurable controls to limit lift height to 70 ft

POWER

- All engines are emissions compliant
- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Engine monitoring display
- Block heater (Continental engine)
- Dual battery
- Engine status display



OPTIONS & ACCESSORIES

PRODUCTIVITY

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Arc Pro 275™ Heavy-Duty Welder package
- Welder Ready package
- Weld leads to platform
- Air line to platform
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Basic hostile environment kit
- Deluxe hostile environment kit
- Thumb rocker steer
- Deluxe aircraft protection package (6 ft platform only)
- Tool tray
- Fluorescent tube caddy
- Pipe cradles (pair)
- Alarm package
- Panel cradle package*
- Platform work lights
- Front driving lights
- Lockable platform control box covers

POWER

- AC generator packages (110V/60Hz, 3000W or 220V/50Hz, 2500W)
- Cold Weather Packages
- Arctic Packages
- Diesel scrubber/spark arrestor
- Diesel spark arrestor muffler
- LPG tank only, steel, 33.5 lb (15.19 kg) capacity
- Additional LPG tank with carrier
- Retained key selector switch

* Available on select models

** Not available on CE models

Working At Height Limited

(Southern Office)
Amberley Court
Old Elstead Road
Milford
Surrey
GU8 5EB

Tel: 01483 415 410
Fax: 01483 417 719

Working At Height Limited

(Northern Office)
The Portergate
Ecclesall Road
Sheffield
South Yorkshire
S11 8NX

Tel: 0114 209 6206
Fax: 0114 209 6001

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