Self-Propelled Articulating Booms

ZX™-135/70

Specifications

Model	ZX-135/70	
Measurements	**Metric**	**US**
Working height maximum*	43.15 m	141 ft
Platform height maximum	41.15 m	135 ft
Horizontal reach max - riser extended	18.03 m	59 ft 2 in
Horizontal reach max - riser retracted	21.26 m	69 ft 9 in
Up and over clearance maximum -		
riser extended	23.01 m	75 ft 6 in
riser retracted	9.91 m	32 ft 6 in
Below ground reach	5.87 m	19 ft 3 in
A Platform length	0.91 m	3 ft
B Platform width	2.44 m	8 ft
C Height - stowed	3.07 m	10 ft 1 in
D Length - stowed	12.93 m	42 ft 5 in
E Width - axles extended	5.03 m	16 ft 6 in
Width - axles retracted	2.49 m	8 ft 2 in
F Wheelbase - axles extended	4.72 m	15 ft 6 in
Wheelbase - axles retracted	5.03 m	16 ft 6 in
G Ground clearance - center	0.38 m	1 ft 3 in

Productivity

Lift capacity	272 kg	600 lbs
Platform rotation	160°	
Vertical jib rotation	110°	
Turntable rotation	360° continuous	
Turntable tailswing - axles extended riser up	0.79 m	2 ft 7 in
Turntable tailswing - riser down	4.27 m	14 ft
Drive speed - stowed	4.5 km/h	2.8 mph
Drive speed - raised	1.1 km/h	0.7 mph
Lift speed to full height	96 sec	
Gradeability - stowed**	45%	
Inside turning radius - axles extended	3.02 m	9 ft 11 in
Inside turning radius - axles retracted	6.27 m	20 ft 7 in
Outside turning radius - axles extended	7.34 m	24 ft 1 in
Outside turning radius - axles retracted	8.56 m	28 ft 1 in
Controls	12 V DC proportional	
Tyres	445D50/710 18 ply foam-filled	

Power

Power source	Deutz Diesel TD 2011 L04i 4-cylinder turbo diesel, 74 hp (55 kW)	
Auxiliary power unit	12 V DC	
Hydraulic tank capacity	246.1 L	65 gal
Fuel tank capacity	151.4 L	40 gal

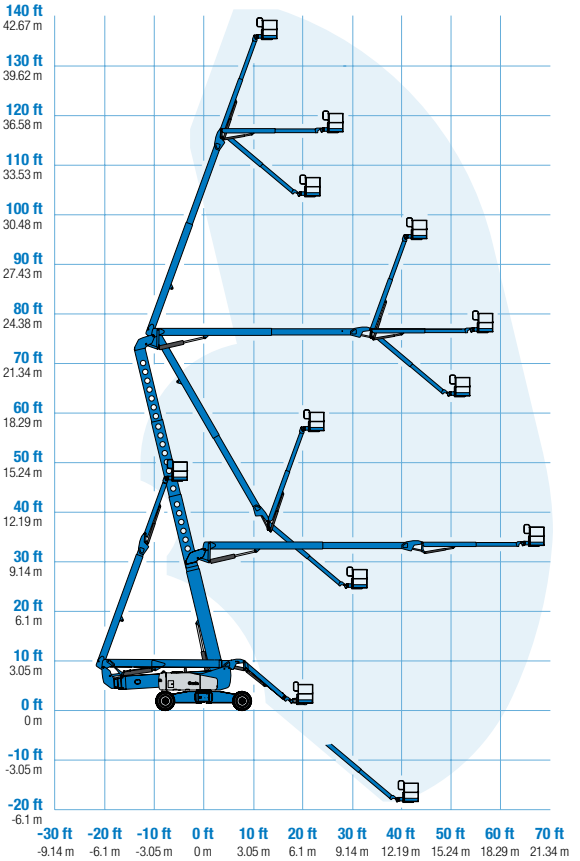
Weight***

	20,267 kg	44,681 lbs

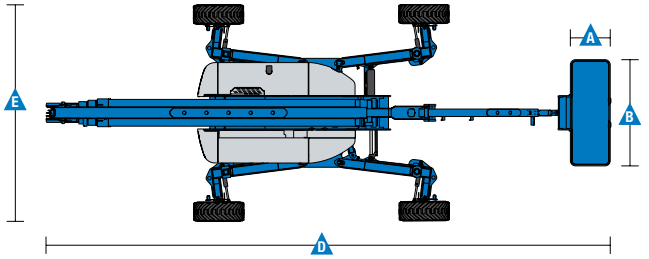
Standards Compliance

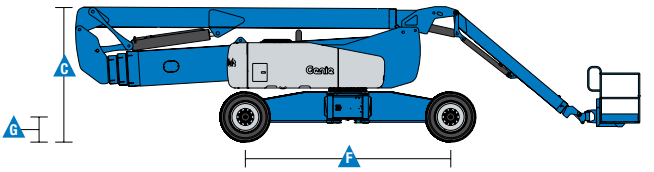
AS 1418.10

Range Of Motion ZX-135/70



* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.
** 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

ZX™-135/70

Features

Standard Features

Measurements

- 43.15 m (141 ft) working height
- 21.26 m (69 ft 9 in) horizontal reach
- 23.01 m (75 ft 6 in) up and over clearance
- Up to 272 kg (600 lbs) lift capacity

Productivity

- 2.44 m (8 ft) steel platform
- Xchassis™ extendable axles
- 3.66 to 6.10 m (12 to 20 ft) Jib-Extend™
- Self-leveling platform
- 4WD (standard)
- 4WS (standard)
- Extra-wide rough terrain foam-filled tyres
- Hydraulic platform rotation
- Fully proportional joystick controls
- On board full diagnostics and engine monitoring display
- ALC 1000 electronic control system
- Hydraulic oil cooler
- Drive enable
- Horn
- Hour meter
- Tilt alarm
- Descent, motion, & travel alarms
- 360° continuous turntable rotation
- Four wheel high angle steer
- Four steering modes: front, rear, crab and coordinated
- Four wheel brakes
- Full-time positive traction 4WD
- Adjustable foot switch timeout
- Two speed wheel motors
- Configurable controls to limit lift height to 27.74 m (91 ft)
- Engine status display
- Thumb rocker steer
- Dual flashing beacons
- Lockable platform control box covers
- Platform overload system

Power

- All engines are emissions compliant
- 12 V DC auxiliary power
- Engine protection package
- Deutz intake air heater
- Swing out engine tray
- Deutz turbo diesel, 74 hp (55 kW)

Options & Accessories

Productivity Options

- Half-mesh platform inserts with swing gate
- Air line to platform
- Biodegradable hydraulic oil
- Hostile environment kit
- Deluxe hostile environment kit
- Work light package

Power Options

- 7 kVA hydraulic generator (240 V / 50 Hz)
- Cold weather packages
- 240 V power to platform

Genie Australia – Toll free number 1800 788 633

Brisbane
HEAD OFFICE
33 Kimberley Street
Darra QLD 4076

Sydney
74 Glendenning Road
Glendenning NSW 2761

Melbourne
374 Hammond Road
Dandenong VIC 3175

Adelaide
16-18 Nixon Road
Wingfield SA 5013

Perth
126 Sheffield Road
Welshpool WA 6106

Genie United States
18340 NE 76th Street
P.O. Box 97030
Redmond, Washington
98073-9730

Distributed By:

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