Self-Propelled Articulating Booms

ZX™-135/70

Specifications

Model	ZX-135/70	
Measurements	**US**	**Metric**
Working height maximum*	141 ft	43.15 m
Platform height maximum	135 ft	41.15 m
Horizontal reach max - riser extended	59 ft 2 in	18.03 m
Horizontal reach max - riser retracted	69 ft 9 in	21.26 m
Up and over clearance maximum -		
riser extended	75 ft 6 in	23.01 m
riser retracted	32 ft 6 in	9.91 m
Below ground reach	19 ft 3 in	5.87 m
A Platform length - 8 ft / 6 ft model	3 ft / 2 ft 6 in	0.91 m / 0.76 m
B Platform width - 8 ft / 6 ft model	8 ft / 6 ft	2.44 m / 1.83 m
C Height - stowed	10 ft 1.5 in	3.09 m
D Length - stowed	42 ft 5 in	12.93 m
E Width - axles retracted	8 ft 2 in	2.49 m
Width - axles extended	12 ft 11 in	3.94 m
F Wheelbase - axles retracted	13 ft 6 in	4.11 m
Wheelbase - axles extended	13 ft 6 in	4.11 m
G Ground clearance - center	1 ft 3 in	0.38 m
Productivity		
Lift capacity	600 lb	272 kg
Platform rotation	160°	
Vertical jib rotation	110°	
Turntable rotation	360° continuous	
Turntable tailswing - axles extended riser up	2 ft 8 in	0.81 m
Turntable tailswing - riser down	14 ft 1 in	4.29 m
Drive speed - stowed	3.0 mph	4.8 km/h
Drive speed - raised	0.68 mph	1.1 km/h
Lift speed to full height	96 sec	
Gradeability - stowed**	45%	
Turning radius - axle retracted: inside	26 ft 4 in	8.03 m
outside	32 ft 8 in	9.96 m
Turning radius - axle extended: inside	9 ft 6 in	2.90 m
outside	20 ft 3 in	6.17 m
Controls	12 V DC proportional	
Tires	445D50/710 18 ply foam-filled	

Power

Power source	74 hp (55 kW) Deutz turbo diesel, Tier 4f, 2.9 L
	74 hp (55 kW) Deutz turbo diesel, Tier 4i, TD2011 L04i
	74 hp (55 kW) Perkins turbo diesel, Tier 4f, 854F-E34T
	74 hp / 83 hp (55 kW / 62 kW) Perkins turbo diesel, Tier 3, 1104D-44T

Auxiliary power unit	12 V DC	
Hydraulic tank capacity	65 gal	246.1 L
Fuel tank capacity	40 gal	151.4 L

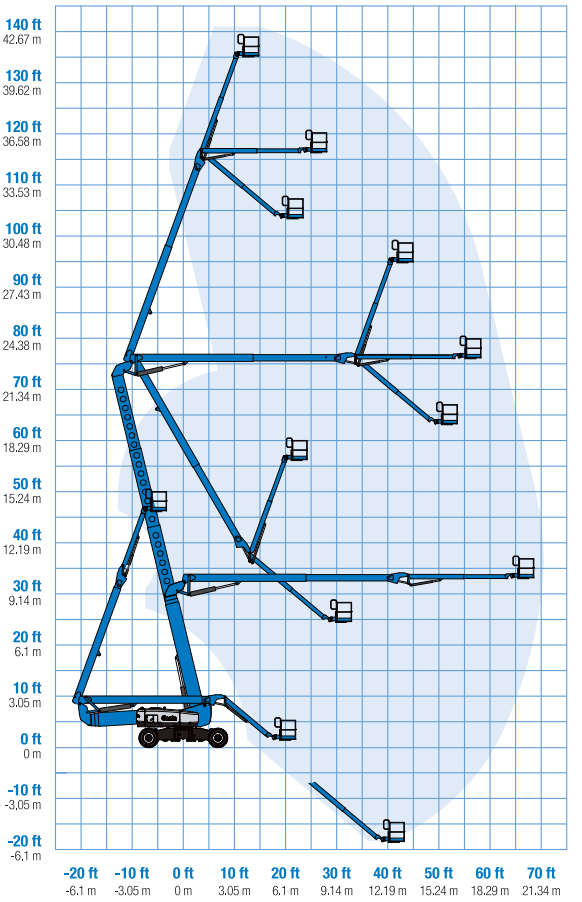
Weight***

	46,500 lb	21,092 kg

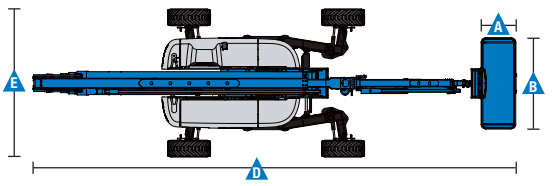
Standards Compliance

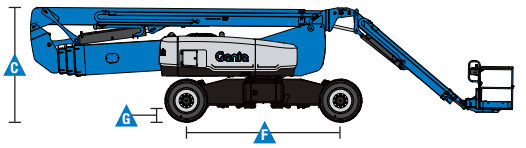
ANSI A92.20, CSA B354.7, EN 280, AS 1418.10

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

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

Productivity

- Mini XChassis™ extendable axles
- 12 to 20 ft (3.66 to 6.1 m) Jib-Extend™
- 160° Hydraulic platform rotation
- Proportional joystick controls
- Hydraulic oil cooler
- Drive enable
- AC power cord to the platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- Positive traction 4WD
- Two speed wheel motors
- Four wheel high angle steer
- Four steering modes: front, rear, crab and coordinated
- Four wheel brakes
- On board full diagnostics and engine monitoring display
- Work tray
- Platform Load sense system
- Entry Toeboard
- Lift Guard™ Contact Alarm

Power

- 12 V DC auxiliary power
- Auto engine fault protection
- Swing out engine tray

Easily Configured To Meet Your Needs

Platform Options

- Steel 6 ft (1.83 m) platform with side swing gate
- 8 ft (2.44 m) tri-entry platform with side swing gate (standard)

Engine Options

- 74 hp (55 kW) Deutz turbo diesel, T4f
- 74 hp (55 kW) Deutz turbo diesel, T4i*
- 74 hp (55 kW) Perkins turbo diesel, T4f
- 74 hp/83 hp (55 kW/62 kW) Perkins turbo diesel, T3*

Drive/Steer

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

Tire

- Rough terrain foam-filled (standard)

Options & Accessories

Productivity Options

- Lift Guard Platform Mesh - Half
- Lift Guard Platform Mesh - Full
- Lift Guard Platform Mesh - Screen (8ft platform only)
- Platform top auxiliary rail
- Welder package
- Welder Ready package
- Cold weather, fire resistant, or biodegradable hydraulic oil
- Hostile environment kit
- Thumb rocker steer
- Light package
- Pipe cradle (pair)**
- Alarm package
- Panel cradle package
- Lockable platform control box cover
- Operator Protective Structure**
- Fall Arrest Bar

Power Options

- 12 kW welder ready AC generator 208 V / 110 V / 60 Hz
- 7.5 kW welder ready AC generator - 208 V / 120 V / 60 Hz
- 3 kW AC generator - 110 V / 60 Hz
- Cold weather kit
- Diesel scrubber/catalytic muffler***
- Intake air pre-cleaner
- Positive air shut off system (Deutz engine only)

* Available as limited regions
** Available through aftermarket parts only
*** Tier 4i engine only

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