

Self-Propelled Telescopic Booms SX-180

Specifications

Models	SX-180	
Measurements	Metric	US
Working height maximum*	56.86 m	186 ft
Platform height maximum	54.86 m	180 ft
Horizontal reach maximum	24.38 m	80 ft
Below ground reach	0.61 m	2 ft
▲ Platform length	0.91 m	3 ft
▲ Platform width	2.44 m	8 ft
▲ Height - stowed	3.05 m	10 ft
▲ Length - stowed	14.33 m	47 ft
Length - transport (jib tucked under)	12.98 m	42 ft 7 in
▲ Width - axles retracted	2.49 m	8 ft 2 in
Width - axles extended	5.03 m	16 ft 6 in
▲ Wheelbase - axles retracted	5.03 m	16 ft 6 in
Wheelbase - axles extended	4.72 m	15 ft 6 in
▲ Ground clearance - center	0.38 m	1 ft 3 in

Productivity

Lift capacity	340 kg	750 lb
Platform rotation	160°	
Vertical jib rotation	135°	
Horizontal jib rotation	60°	
Turntable rotation	360° continuous	
Turntable tailswing - axle retracted	1.14 m	3 ft 9 in
Turntable tailswing - axle extended	1.07 m	3 ft 6 in
Drive speed - stowed	3.70 km/h	2.3 mph
Drive Speed - out of stowed		
below 125 ft (38.1 m)	0.65 km/h	0.4 mph
above 125 ft (38.1 m)	0.17 km/h	0.1 mph
Gradeability - stowed	35%	
Turning radius - axle retracted: inside	6.27 m	20 ft 7 in
outside	8.56 m	28 ft 1 in
Turning radius - axle extended: inside	3.02 m	9 ft 11 in
outside	7.34 m	24 ft 1 in

Controls	12 V DC proportional
Tires	445D50/710 HD foam-filled

Power

Power source	Deutz TD2011L04i, 74 hp (55 kW)	
Auxiliary power unit	12 V DC	
Hydraulic tank capacity	416 L	110 gal
Fuel tank capacity	189 L	50 gal

Weight***	25,108 kg	55,353 lbs
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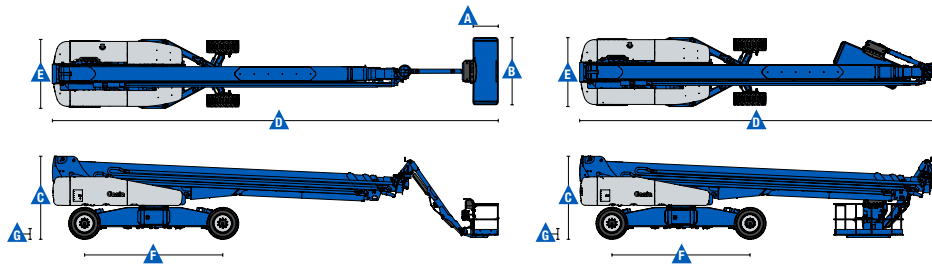
Standards Compliance

AS 1418.10

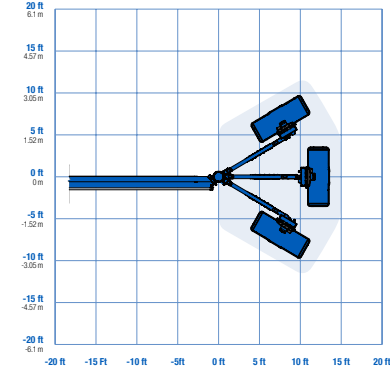
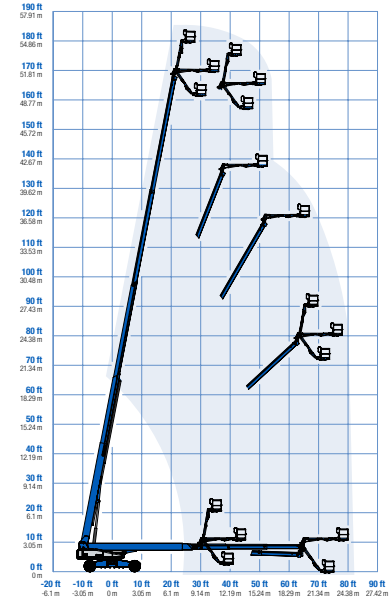
* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

** 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.



Range Of Motion SX-180





Self-Propelled Telescopic Booms SX-180

Features

Standard Features

Measurements

- 56.86 m (186 ft) working height
- 24.38 m (80 ft) horizontal reach
- 340 kg (750 lb) lift capacity

Productivity

- Xchassis™ extendable axles
- 3.05 m (10 ft) 60° rotating jib
- Self-leveling platform
- 160° hydraulic platform rotation
- Proportional joystick controls
- Hydraulic oil cooler
- Drive enable
- AC power in 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
- Dual flashing beacons
- Thumb rocker steer
- Entry toe board
- Lockable platform control box cover
- Anemometer

Power

- 7.5 kW generator - 240V/50Hz
- 12 V DC auxiliary power
- Auto engine fault protection
- Swing out engine tray

Standard Features

Engine

- Deutz turbo diesel, 74 hp (55 kW)

Drive/Steer

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

Tires

- Rough terrain foam-filled (standard)

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
- Light package
- Operator protective structure

Power Options

- Cold weather kit
- Diesel catalytic purifier muffler
- Diesel scrubber/catalytic muffler
- Intake air pre-cleaner



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Distributed By:

Effective Date: february, 2014. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or their subsidiaries in the USA and many other countries. Genie is a registered trademark of Terex South Dakota, Inc. © 2013 Terex Corporation.

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