

# Self-Propelled Telescopic Booms SX-180

## **Specifications**

Models	SX-180	
WIDUEIS		
Measurements	US	Metric
Working height maximum*	186 ft	56.86 m
Platform height maximum	180 ft	54.86 m
Horizontal reach maximum	80 ft	24.38 m
Below ground reach	2 ft	0.61 m
A Platform length	3 ft	0.91 m
A Platform width	8 ft	2.44 m
A Height - stowed	10 ft	3.05 m
Length - stowed	47 ft	14.33 m
Length - transport (jib tucked under)	42 ft 7 in	12.98 m
Kidth - axles retracted	8 ft 2 in	2.49 m
Width - axles extended	16 ft 6 in	5.03 m
K Wheelbase - axles retracted	16 ft 6 in	5.03 m
Wheelbase - axles extended	15 ft 6 in	4.72 m
Ground clearance - center	1 ft 3 in	0.38 m
Productivity		
Lift capacity	750 lb	340 kg
Platform rotation	160°	
Vertical jib rotation	135°	
Horizontal jib rotation	60°	
Turntable rotation	360° continuous	
Turntable tailswing - axle retracted	3 ft 9 in	1.14 m
Turntable tailswing - axle extended	3 ft 6 in	1.06 m
Drive speed - stowed	2.5 mph	4.02 km/h
Drive Speed - out of stowed		
below 125 ft (38.1 m)	0.4 mph	0.65 km/h
above 125 ft (38.1 m)	0.1 mph	0.17 km/h
Gradeability - stowed	35%	
Turning radius - axle retracted: inside	20 ft 7 in	6.28 m
outside	28 ft 1 in	8.56 m
Turning radius - axle extended: inside	9 ft 11 in	3.02 m
outside	24 ft 1 in	7.34 m
Controls	12 V DC proportional	
Tires	445/65D 22.5 18 ply foam-filled	
Power		
Power source	Deutz TD2.9 L4, 74 hp (55 kW), Tier 4 final	
Auxiliary power unit	12 V DC	
Hydraulic tank capacity	110 gal	416 L

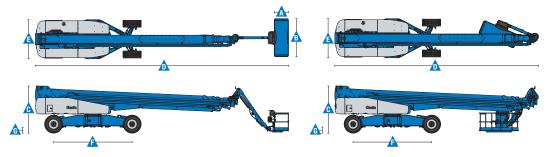


#### Standards Compliance

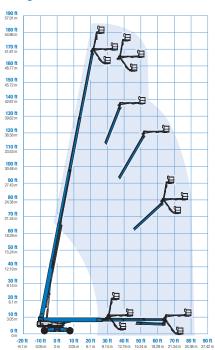
ANSI A92.5, CSA B354.4, EN 280, AS 1418.10

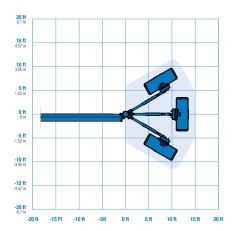
\* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

\*\* Gradeability applies to driving megint acos z m to platform megint occ, acos on to platform reg \*\* 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**

- 186 ft (57 m) working height
- 80 ft (24.4 m) horizontal reach
- 750 lb (340 kg) lift capacity

#### Productivity

- Xchassis extendable axles
- 10 ft (3.05 m) 60° rotating iib
- 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

#### Power

- 7.5 kW generator
  - 208V/120V/60Hz (North America)
  - 415V/240V/50Hz (Europe & Australia)
  - 110V/55V/50Hz (UK)
- 12 V DC auxiliary power
- Auto engine fault protection
- Swing out engine tray

#### **Easily Configured To Meet Your Needs**

#### Platform Options

- Steel 8 ft (2.44 m) (standard)
- 8 ft (2.44 m) tri-entry

#### **Engine Options**

• 74 hp (55 kW) Deutz TD2.9 L4, Tier 4 final

#### Drive/Steer

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

#### Tires

Rough terrain foam-filled (standard)



### **Options & Accessories**

#### **Productivity Options**

- · Platform swing gate
- · Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Welder package
- Welder Ready package
- Biodegradable hydraulic oil
- Aircraft protection package (6 ft platform only)
- Hostile environment kit
- Deluxe hostile environment kit
- Thumb rocker steer
- Light package
- Entry toe boards
- Pipe cradle (pair)
- Alarm package
- Panel cradle package
- Lockable platform control box cover
- Operator protective structure
- Anemometer

#### **Power Options**

- AC generator 208V/110V/60Hz 12.5 kW
- Cold weather kit
- Diesel scrubber/catalytic muffler
- Intake air pre-cleaner

#### **Genie United States**

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Effective Date: January, 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 hon 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 tappicable 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. © 2014 Terex Corporation.

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