

# Self-Propelled Telescopic Booms

SX-180 Preliminary Specifications - Subject to Change

# Specifications

Models	SX-180		
Measurements	US	Metric	
Working height maximum*	186 ft	56.69 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	
▲ 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	
▲ Width - axles retracted	8 ft 2 in	2.49 m	
Width - axles extended	16 ft 6 in	5.03 m	
▲ 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	180°		
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 Diesel TD 2011 L04i 4 cylinder turbo diesel, 74 hp (55 kW) Perkins Diesel 1104D-44T 4 cylinder turbo diesel, 74 hp (55 kW)		
Auxiliary power unit	12 V DC			
Hydraulic tank capacity	110 gal	246.1 L		
Fuel tank capacity	50 gal	189.3 L		
Weight***	54,000 lbs	24,494 kg		

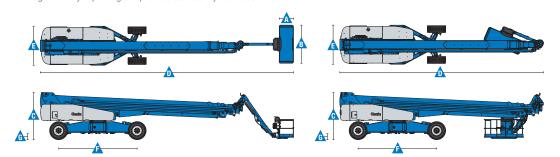
#### Standards Compliance

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

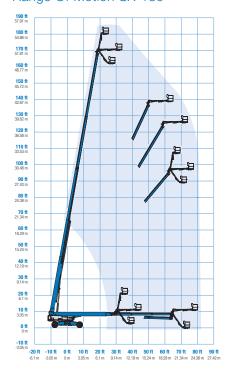
- \* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

  \*\*\* Gradeability applies to driving 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 Preliminary Specifications - Subject to Change

# **Features**

# Standard Features

### Productivity

- Self-leveling platform
- 160° Hydraulic platform rotation
- Fully proportional Hall effect joystick controls
- · Hydraulic oil cooler
- Drive enable at full height
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Alarm package
- 360° continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- · Ground control box cover
- Engine status display
- 10 ft (3.05 m) rotating jib

#### Power

- 7.5 kW generator
  - 208V/120V/60Hz (North America)
  - 415V/240V/50Hz (Europe & Australia)
  - 110V/55V/50Hz (UK)
- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Engine Monitor Display

# Easily Configured To Meet Your Needs

# **Platform Options**

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

# **Engine Options**

- Deutz turbo diesel 74 hp (55 kW)
- Perkins turbo diesel 74 hp (55 kW)

#### Drive/Steer

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

#### Axle

Extendable axles (standard)

#### Tires

- Rough terrain foam-filled (standard)
- Rough terrain solid



### **Options & Accessories**

## **Productivity Options**

- Half mesh platform inserts with swing gate
- Platform top auxiliary rail
- Arc Pro 275<sup>™</sup> Heavy-Duty Welder package
- Hostile environment package
- Thumb rocker steer
- Tool trav
- Work light package with drive lights
- Biodegradable Hydraulic Oil
- Airline to Platform
- Entry toe boards
- Anemometer
- Lockable platform control box cover

#### **Power Options**

- AC generator 208V/110V/60Hz 12.5 kW
- Cold Weather Package
- Diesel scrubber/spark arrestor muffler (catalytic muffler)
- Intake air pre-cleaner

# Genie United States

18340 NE 76th Street
P.O. Box 97030
Redmond, Washington 98073-9730
Telephone +1 (425) 881-1800
Toll Free in USA/Canada +1 (800)-536-1800
Fax +1 (425) 883-3475

#### Genie Europe

The Maltings Wharf Road Grantham NG31 6BH UK

Telephone +44 (0)1476 584333 Fax +44 (0)1476 584334 Email: AWP-InfoEurope@terex.com

# Distributed By:

Effective Date: April, 2013. 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.

SX180 0210A. Part No. 127301 WWW.genielifft.com