

Self-Propelled Telescopic Booms SX-180

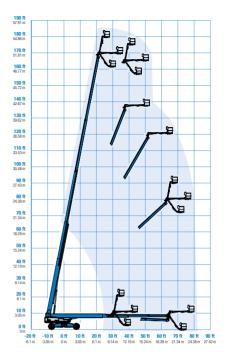
Specifications

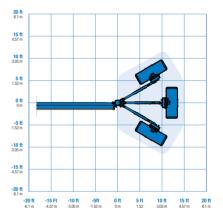
Model	SX-180	
Measurements	Metric	US
Working height maximum*	56.86 m	186 ft
Platform height maximum	54.86 m	180 ft
Horizontal reach maximum	24.38 m	80 ft
Below ground reach	0.61 m	2 ft
A Platform length	0.91 m	3 ft
A Platform width	2.44 m	8 ft
🛕 Height - stowed	3.05 m	10 ft
▲ Length - stowed	14.33 m	47 ft
Length - transport (jib tucked under)	12.98 m	42 ft 7 in
A Width - axles retracted	2.49 m	8 ft 2 in
Width - axles extended	5.03 m	16 ft 6 in
A 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 lbs	
Platform rotation	160°	160°	
Vertical jib rotation	135°	135°	
Horizontal jib rotation	60°	60°	
Turntable rotation	360° continuous		
Turntable tailswing - axle retracted	1.14 m	3 ft 9 in	
Turntable tailswing - axle extended	1.06 m	3 ft 6 in	
Drive speed - stowed	4.02 km/h	2.5 mph	
Drive speed - out of stowed			
below 38.10 m (125 ft)	0.65 km/h	0.4 mph	
above 38.10 m (125 ft)	0.17 km/h	0.1 mph	
Gradeability - stowed**	35%	35%	
Turning radius - axle retracted: inside	6.28 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		
Tyres	445/65D 22.5 18 ply foam-filled		
Power			

Range Of Motion SX-180





Fuel tank capacity Weight***

Auxiliary power unit

Hydraulic tank capacity

Power source

4WD	24,856 kg	54,800 lbs	
Standards Compliance	EU Directives: 200	06/42/EC - Machinery Direct	iv

12 V DC

246.1 L

189.3 L

EU Directives: 2006/42/EC - Machinery Directive Harmonized Standards: EN280:2001+A2:2009; 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

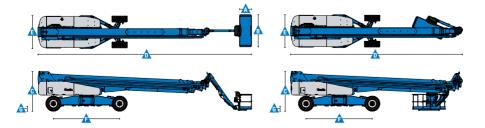
Deutz Diesel TD 2011 L04i 4-cylinder turbo diesel, 74hp (55kW)

Perkins Diesel 1104D-44T 4 cylinder turbo diesel, 74 hp (55 kW)

12 V DC

110 gal

50 gal



- * 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.
- manual for details regarding stope ratings.
 *** Weight will vary depending on options and/or country standards.



Self-Propelled Telescopic Booms

Features

Standard Features

Productivity

- Self-levelling platform
- 160° Hydraulic platform rotation
- 3.05 m (10 ft) rotating jib
- Proportional joystick controls
- Hydraulic oil cooler
- Thumb rocker steering
- Two work lights on platform
- Drive enable system
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Alarm package
- 360° continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- Welder Ready package
- Engine status display
- Entry toe boards
- · Certified load sensor

Power

- All engines are emissions compliant
- 7.5 kW generator
- 415V/240V/50Hz (Europe)
- 110V/55V/50Hz (UK)
- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Intake air heater (Deutz engine)

Easily Configured To Meet Your Needs

Platform Options

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

Engine Options

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

Drive/Steer

- 4 x 4 (standard)
- 4 wheel steer (standard)

Axle

X-Chassis[™] extendable axles

Tyres

• Rough terrain foam-filled (standard)

Options & Accessories

- **Productivity Options**
- Platform top auxiliary rail
- Hostile environment package (1)
- Dual axis joystick steering
- Tool tray
- Work lights package (2 on chassis, 2 on platform)
- Biodegradable Hydraulic Oil (1)
- Airline to Platform (1)
- Anemometer
- Platform & ground control box covers
- Track & Trace ⁽²⁾ (GPS unit providing machine location & operating information)
- Operator Protective Structure

Power Options

- Cold Weather Packages
- Diesel scrubber/spark arrestor muffler (catalytic muffler)
- Intake air pre-cleaner (1)



⁽¹⁾ Factory-fit option only ⁽²⁾ Includes a first 2 years subscription

06/15 Part No. B127301UK



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