

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
▲ 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 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

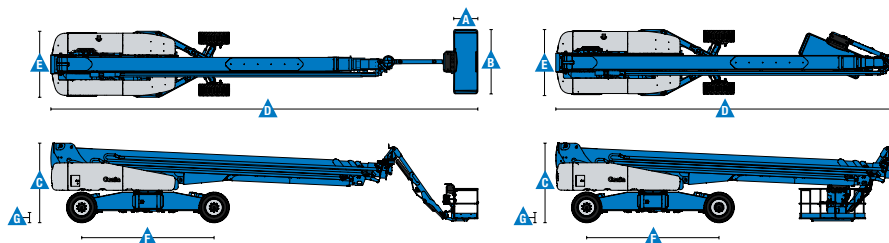
Power source	Deutz Stage IIIA TD 2011 L04i 4-cylinder, 74 hp (55 kW), air cooled	
	Deutz Stage IIIB TD 2.9L4 4-cylinder, 74 hp (55 kW), water cooled	
Auxiliary power unit	12 V DC	12 V DC
Hydraulic tank capacity	246.1 L	110 gal
Fuel tank capacity	189.3 L	50 gal

Weight***

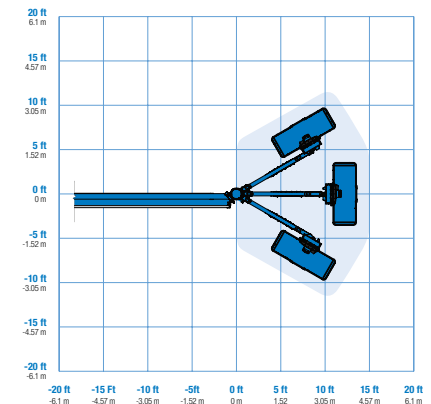
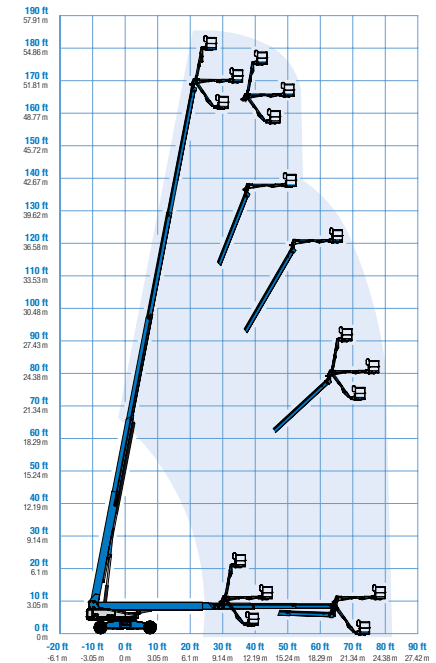
4WD	24,948 kg	55,000 lbs
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Standards Compliance

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



Range Of Motion SX-180



* 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.

Features

Standard Features	Easily Configured To Meet Your Needs	Options & Accessories
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Measurements

SX-180

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

Productivity

- Self-leveling platform
- 160° Hydraulic platform rotation
- 3.05 m (10 ft) rotating jib
- Proportional joystick controls
- Hydraulic oil cooler
- Thumb rocker steering
- Chassis tilt drive function cut-out
- 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
- Four wheel high angle steer
- Four steering modes: front, rear, crab and coordinated
- Four wheel brakes
- Ground control box cover
- Welder Ready package
- Engine status display
- Telematics-Ready Connector
- Lift Guard™ Contact Alarm

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
- Engine gauge display

Platform

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

Engine Options

- Deutz Stage IIIA diesel 74 hp (55 kW)
- Deutz Stage IIIB diesel 74 hp (55 kW)

Drive/Steer

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

Axles

- X-Chassis™ extendable axles (standard)

Tyres

- Rough terrain foam-filled (standard)

Productivity Options

- Half-mesh platform inserts
- Platform auxiliary top rail
- Hostile environment package ⁽¹⁾
- Dual axis joystick steering
- Tool tray
- Work lights package (2 on chassis, 2 on platform) ⁽¹⁾
- Biodegradable Hydraulic Oil ⁽¹⁾
- Airline to Platform ⁽¹⁾
- Anemometer
- Chassis tilt lift function cut-out
- Lockable platform control box covers ⁽¹⁾
- Track & Trace ⁽²⁾ (GPS unit providing machine location & operating information)
- Operator Protective Structure ⁽³⁾

Power Options

- AC generator packages, both 7,5 kW (120V/50Hz with dual sockets in platform - 240-415V/50Hz 3 phase with 5 pole 3 phase socket and 240V socket)
- Cold Weather Packages ⁽¹⁾
- Diesel scrubber/spark arrestor muffler (catalytic muffler), Stage IIIA engine only⁽¹⁾
- Intake air pre-cleaner ⁽¹⁾



⁽¹⁾ Factory-fit option only
⁽²⁾ Includes a first 2 years subscription
⁽³⁾ Aftermarket only

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