

Self-Propelled Telescopic Booms

S[®]-45 XC[™]

Specifications

Models	S-45 XC	
Measurements	Metric	US
Working height maximum*	15.56 m	50 ft 6 in
Platform height maximum	13.56 m	44 ft 6 in
Horizontal reach maximum	11.02 m	36 ft 2 in
Below ground reach	1.27 m	4 ft 2 in
A Platform length	0.91 m	3 ft
B Platform width	2.44 m	8 ft
C Height - stowed	2.51 m	8 ft 3 in
D Length - stowed	9.47 m	31 ft 1 in
E Width	2.49 m	8 ft 2 in
F Wheelbase	2.46 m	8 ft 1 in
G Ground clearance - center	0.32 m	12.5 in

Productivity

Maximum lift capacity - unrestricted	300 kg	660 lb
- restricted	454 kg	1,000 lb
Platform rotation	160°	
Vertical jib rotation	133°	
Turntable rotation	360° continuous	
Turntable tailswing	0.97 m	38 in
Drive speed - stowed	6.4 km/h	4.0 mph
- raised or extended	1.1 km/h	0.68 mph
Maximum slope rating**	45%	
Turning radius - inside	2.08 m	6 ft 10 in
- outside	4.78 m	17 ft 2 in
Controls	12 V DC proportional	
Tires - RT foam-filled	315/55D20-12 ply, 19.5 in wheel	
Tilt sensor activation	front to back: 7° and side to side: 5°	

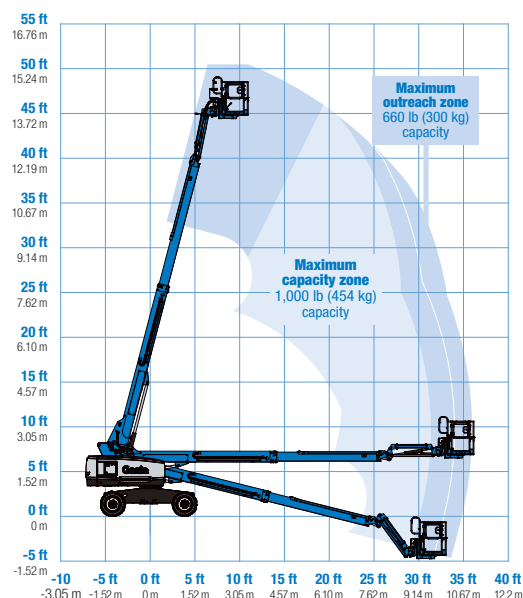
Power

Power source	Deutz D2011L03i, 36 kW (48 hp)	
Auxiliary power unit	12 V DC	
Hydraulic tank capacity	144 L	38 gal
Fuel tank capacity	132 L	35 gal

Weight***	7,282 kg	16,054 lb
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Standards Compliance	AS 1418.10
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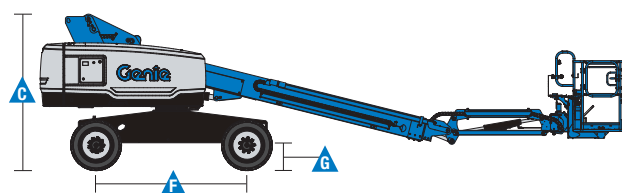
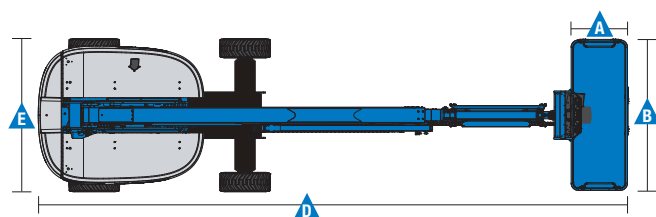
Range Of Motion S-45 XC



* 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.



Self-Propelled Telescopic Booms

S®-45 XC™

Features

Standard Features

Measurements

S-45 XC

- 15.56 m (50 ft 6 in) working height
- 11.02 m (36 ft 2 in) horizontal reach
- 300 kg (660 lb) unrestricted and 454 kg (1,000 lb) restricted lift capacity

Productivity

- Self-leveling platform
- 160° hydraulic platform rotation
- Thumb rocker steering
- Proportional joystick controls
- Drive enable
- Alarm package: flashing beacon and travel alarm
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- Locking turntable covers
- Positive traction drive
- Two speed wheel motors
- Entry Toeboard
- Lift Guard™ Contact Alarm
- Lift Tools™ Work Tray
- Lift Connect™ Telematics
- Lockable platform control box cover
- Hydraulic oil cooler

Power

- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Intake air heater (Deutz engine)

Platform

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

Jib

- 5 ft (1.52 m) jib boom

Engine

- Deutz D2011L03i, 36 kW (48 hp)

Tire Options

- Rough terrain foam-filled
- Rough terrain non-marking foam-filled (standard)

Axles

- Active Oscillation, 4WD

Options & Accessories

Productivity Options

- Lift Power™
- 7.5 kW 240 V 50 Hz Generator
- Lift Guard Platform Mesh - Half
- Air line to platform
- Specialty hydraulic oil (cold weather, fire resistant, or biodegradable)
- Panel cradle package
- Pipe cradle package
- Tow package
- Work light package
- Operator Protective Structure
- Fall Arrest Bar*

Power Options

- Diesel catalytic scrubber muffler
- Diesel catalytic purifier muffler

* Fall arrest bar not available with panel cradle and vice versa



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Effective Date: May, 2020. 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. Terex, Genie and AWP are registered trademarks of Terex Corporation or its subsidiaries. © 2020 Terex Corporation.

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