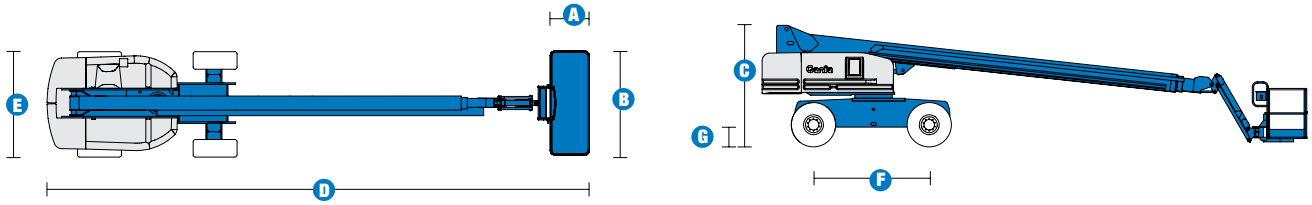
SELF-PROPELLED TELESCOPIC BOOM

S™-85

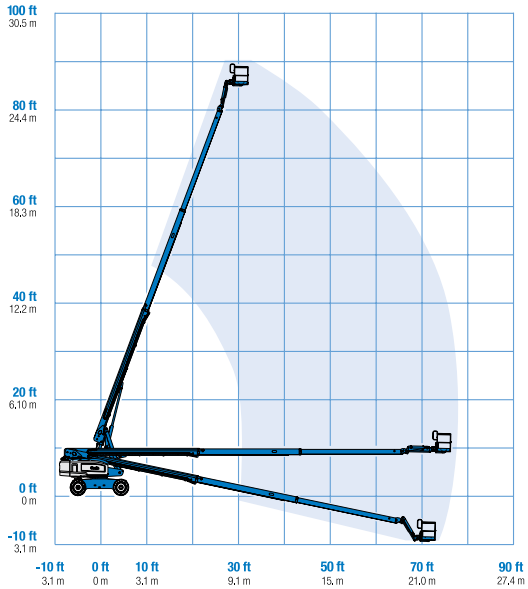
Specifications



MODEL	S™-85	
MEASUREMENTS	**Metric**	**US**
Working height maximum*	27.91 m	91 ft
Platform height maximum	25.91 m	85 ft
Horizontal reach maximum	23.32 m	76 ft 6 in
Below ground reach	2.90 m	9 ft 6 in
A Platform length	0.91 m	3 ft
B Platform width	2.44 m	8 ft
C Height - stowed	2.80 m	9 ft 2 in
D Length - stowed	12.19 m	40 ft
Length - transport (jib tucked under)	11.58 m	38 ft
E Width	2.49 m	8 ft 2 in
F Wheelbase	2.84 m	9 ft 4 in
G Ground clearance - centre	0.33 m	13 in
PRODUCTIVITY		
Lift capacity	227 kg	500 lbs
Platform rotation	160°	160°
Vertical jib rotation	135°	135°
Turntable rotation	360° continuous	
Turntable tailswing	1.42 m	4 ft 8 in
Drive speed - stowed	5.3 km/h	3.3 mph
Drive speed - raised/extended	1.04 km/h	0.65 mph
Gradeability - 4WD stowed**	45%	45%
Turning radius: inside	3.66 m	12 ft
outside	6.55 m	21 ft 6 in
Controls	12V DC proportional	
Tyres - RT lug - Foam filled	Foam Filled 18-625, 16 ply	
POWER		
Power source	Deutz TD2011 L04i 4 cylinder turbo diesel 55 kW (74 hp)	
Auxiliary power unit	12V DC	12V DC
Hydraulic tank capacity	151 L	40 gal
Fuel tank capacity	132 L	35 gal
WEIGHT* **		
4WD	17,563 kg	38,719 lbs
STANDARDS COMPLIANCE	ANSI A92.5, CSA B354.4, CE Compliance, 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 S™-85



SELF-PROPELLED TELESCOPIC BOOMS

S™-85

Features

STANDARD FEATURES

MEASUREMENTS

- 27.91 m (91 ft) working height
- 23.32 m (76 ft 6 in) horizontal reach
- 227 kg (500 lbs) lift capacity

PRODUCTIVITY

- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional Hall effect joystick controls
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- 4WD
- Positive traction drive
- Two speed wheel motors
- Hydraulic oil cooler
- Alarm package
- Lockable platform control box covers

POWER

- 12V DC auxiliary power
- Deutz turbocharged diesel 74 hp (55 kW)
- Anti-restart engine protection
- Auto engine fault shutdown
- Engine gauge package

OPTIONS & ACCESSORIES

PRODUCTIVITY

- Platform swing gate
- Half mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Hostile environment kit
- Deluxe hostile environment kit
- Platform work lights
- Front driving lights

POWER OPTIONS

- AC generator packages (240V/50Hz, 7000W)
- Cold Weather Packages
- Diesel scrubber/spark arrestor muffler (catalytic muffler)
- Intake air pre-cleaner

PLATFORM OPTIONS

- Steel 8 ft (2.44 m)
- Steel 6 ft (1.83 m)

AXLE

- Fixed width with active oscillation

TIRE OPTIONS

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

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