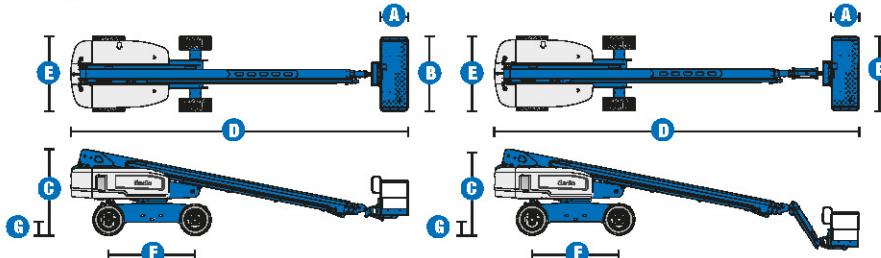


# SELF-PROPELLED TELESCOPIC BOOMS

## S™-80 & S™-85

**Genie**  
A TEREX COMPANY

## Specifications



MODELS	S™-80		S™-85	
MEASUREMENTS	US	Metric	US	Metric
Working height maximum*	86 ft	26.20 m	91 ft	27.70 m
Platform height maximum	80 ft	24.40 m	85 ft	25.90 m
Horizontal reach maximum	71 ft 6 in	21.80 m	76 ft 6 in	23.30 m
Below ground reach	6 ft 1 in	1.85 m	9 ft 6 in	2.89 m
A Platform length - 8 ft model	3 ft	.91 m	3 ft	.91 m
Platform length - 6 ft model	2 ft 6 in	.76 m	2 ft 6 in	.76 m
B Platform width - 8 ft model	8 ft	2.44 m	8 ft	2.44 m
Platform width - 6 ft model	6 ft	1.83 m	6 ft	1.83 m
C Height - stowed	9 ft 2 in	2.80 m	9 ft 2 in	2.80 m
D Length - stowed	36 ft 6 in	11.10 m	40 ft	12.20 m
Length - transport (jib tucked under)	_____	_____	38 ft	11.60 m
E Width	8 ft 2 in	2.50 m	8 ft 2 in	2.50 m
F Wheelbase	9 ft 4 in	2.80 m	9 ft 4 in	2.80 m
G Ground clearance - center	13 in	.33 m	13 in	.33 m

### PRODUCTIVITY

Lift capacity - 8 ft platform	500 lbs	227 kg	500 lbs	227 kg
Lift capacity - 6 ft platform	500 lbs	227 kg	500 lbs	227 kg
Platform rotation	160°		160°	
Vertical jib rotation	—		135°	
Turntable rotation	360° continuous		360° continuous	
Turntable tailswing	4 ft 8 in	1.42 m	4 ft 8 in	1.42 m
Drive speed - stowed - 2WD/4WD	3.5 mph	5.6 km/h	3.5 mph	5.6 km/h
Drive speed - raised/extended	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Gradeability - 2WD - stowed**	30%		30%	
Gradeability - 4WD - stowed**	45%		45%	
Turning radius - axle extended: inside	12 ft	3.70 m	12 ft	3.70 m
outside	21 ft 6 in	6.60 m	21 ft 6 in	6.60 m
Controls	12V DC proportional		12V DC proportional	
Tires - RT lug	Foam filled 18-625, 16 ply		Foam filled 18-625, 16 ply	

### POWER

Power source	Deutz TD2011 L04i 4 cylinder turbocharged diesel 74 hp (55 kW) Perkins 804D-33 4 cylinder diesel 63 hp (47 kW) Continental TME27 4 cylinder Gasoline/LPG 74 hp (55 kW)			
Auxiliary power unit	12V DC	12V DC		
Hydraulic tank capacity	40 gal	150 L	40 gal	150 L
Fuel tank capacity - diesel	35 gal	132 L	35 gal	132 L
Fuel tank capacity - gas/LPG	30 gal	113.6 L	30 gal	113.6 L

### WEIGHT\*\*\*

2WD	35,400 lbs	16,057 kg	37,900 lbs	17,191 kg
4WD	35,500 lbs	16,103 kg	38,000 lbs	17,236 kg

### STANDARDS COMPLIANCE

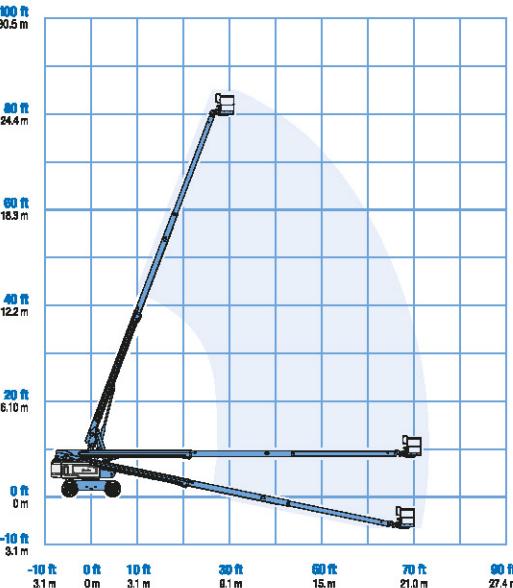
ANSI A92.5, CSA B354.4, CE Compliance

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

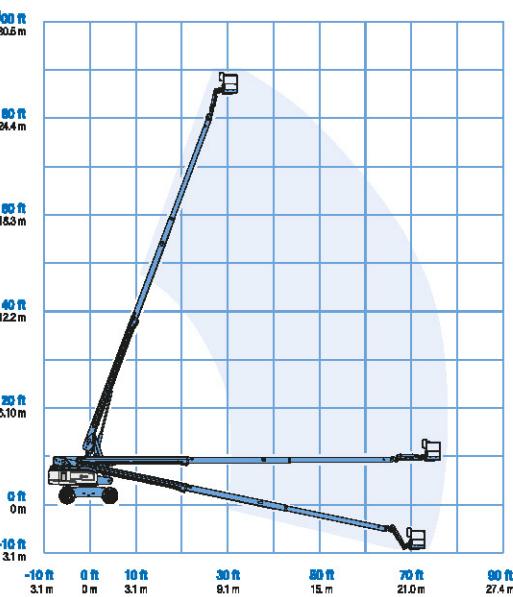
\*\* Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings.

\*\*\* Weight will vary depending on options and/or country standards.

### RANGE OF MOTION S™-80



### RANGE OF MOTION S™-85



## Features

### EASILY CONFIGURED TO MEET YOUR NEEDS

#### PLATFORM OPTIONS

- + Steel 8 ft (2.44 m)
- + Steel 6 ft (1.83 m)
- + Steel 6 or 8 ft (1.83 or 2.44 m) tri-entry
- + Steel 4 ft (1.22 m)\*\*\*
- + Steel 5 ft (1.52 m)\*\*\*

#### JIB OPTIONS

- + Non-jib
- + 5 ft (1.52 m) jib boom

#### POWER OPTIONS

- + Deutz turbocharged diesel 74 hp (55 kW)
- + Perkins diesel 63 hp (47 kW)
- + Continental Gas/LPG 74 hp (55 kW)

#### DRIVE OPTIONS

- + 2WD
- + 4WD

#### AXLE

- + Fixed width with active oscillation

#### TIRE OPTIONS

- + Rough terrain foam-filled (standard)
- + Rough terrain non-marking foam-filled
- + High flotation air-filled  
(increases width by 4 in)

### STANDARD FEATURES

#### MEASUREMENTS

##### S™-80

- + 86 ft (26.38 m) working height
- + 71 ft 6 in (21.8 m) horizontal reach
- + 500 lbs (227 kg) lift capacity

##### S™-85

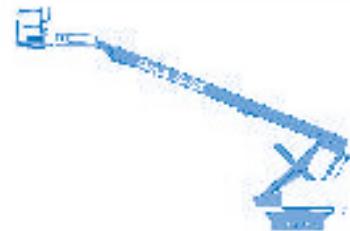
- + 91 ft (27.90 m) working height
- + 76 ft 6 in (23.3 m) horizontal reach
- + 500 lb (227 kg) lift capacity

#### 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
- + Locking low profile turntable covers
- + Positive traction drive
- + Two speed wheel motors

#### POWER

- + All engines are emissions compliant
- + 12V DC auxiliary power
- + Anti-restart engine protection
- + Auto engine fault shutdown
- + Catalytic converter muffler  
(Continental engine only)
- + Engine block heater  
(Continental engine only)



### OPTIONS & ACCESSORIES

#### PRODUCTIVITY

- + 750 lb capacity, S-80 only\*\*\*
- + Platform swing gate
- + Half mesh platform inserts with swing gate
- + Platform top auxiliary rail
- + Arc Pro 275™ Heavy-Duty Welder package
- + Weld Ready package
- + Weld leads to platform
- + Air line to platform
- + Hydraulic oil cooler
- + Fire resistant hydraulic oil
- + Biodegradable hydraulic oil
- + Basic hostile environment kit
- + Deluxe hostile environment kit
- + Deluxe aircraft protection package  
(6 ft platform only)
- + Tool tray
- + Fluorescent tube caddy
- + Pipe cradle (pair)
- + Alarm package
- + Panel cradle package\*
- + Platform work lights
- + Front driving lights
- + Lockable platform control box covers
- + Second battery
- + Tow package

#### POWER

- + Engine gauge package
- + AC generator packages (110V/60Hz, 3000W or 220V/50Hz, 2500W)
- + Cold Weather Packages
- + Arctic Packages
- + Diesel scrubber/spark arrestor muffler
- + Diesel spark arrestor muffler
- + Retained key selector switch
- + LPG tank only, steel, 33.5 lb (15.19 kg) capacity
- + Additional LPG tank with carrier

\* Available on select models.

\*\* Not available on CE machines.

\*\*\* 750 lb capacity option adds 5,100 lbs  
(2,313 kg) to weight.

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