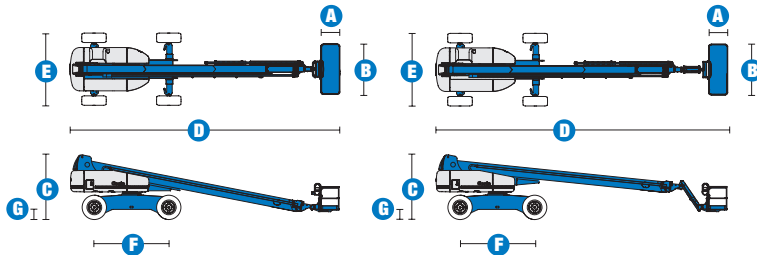


Specifications



MODELS	S™-100		S™-105	
MEASUREMENTS	US	Metric	US	Metric
Working height max*	106 ft	32.50 m	111 ft	34 m
Platform height max	100 ft	30.50 m	105 ft	32 m
Horizontal reach max	75 ft	22.90 m	81 ft	24.68 m
Below ground reach	6 ft 6 in	1.98 m	10 ft	3.05 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	10 ft 1 in	3.07 m	10 ft 1 in	3.07 m
D Length - stowed	42 ft 8 in	13 m	46 ft	14 m
Length - transport (jib tucked under)			39 ft 11 in	12.20 m
E Width - axle retracted	8 ft 2 in	2.49 m	8 ft 2 in	2.49 m
Width - axle extended	11 ft	3.35 m	11 ft	3.35 m
F Wheelbase	12 ft	3.65 m	12 ft	3.65 m
G Ground clearance - center	1 ft 5.5 in	.44 m	1 ft 5.5 in	.44 m

PRODUCTIVITY

Lift capacity	750 lbs	340 kg	500 lbs	227 kg
Platform rotation	160°		160°	
Turntable rotation	360° continuous		360° continuous	
Turntable tailswing - axle retracted	5 ft 6 in	1.68 m	5 ft 6 in	1.68 m
Turntable tailswing - axle extended	4 ft	1.22 m	4 ft	1.22 m
Drive speed - stowed	3.0 mph	4.8 km/h	3.0 mph	4.8 km/h
Drive speed - raised or extended	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Gradeability** - stowed	40%		40%	
Turning radius - axles retracted: inside	27 ft 2 in	8.28 m	27 ft 2 in	8.28 m
outside	43 ft 1 in	13.13 m	43 ft 1 in	13.13 m
Turning radius - axles extended: inside	18 ft	5.49 m	8 ft	5.49 m
outside	39 ft 7 in	12.06 m	39 ft 7 in	12.06 m
Controls	12 V DC proportional		12 V DC proportional	
Tires - RT lug	385/65D 22.5		385/65D 22.5	

POWER

Power Source	Deutz BF4L 2011 4 cylinder diesel 78 hp (58.1 kW) Perkins 1104C-44 4 cylinder diesel 83 hp (62 kW) Cummins B4.5 C80 4 cylinder diesel 80 hp (60 kW)			
Auxiliary Power Unit	12 V DC		12 V DC	
Hydraulic Tank Capacity	55 gal	208 L	55 gal	208 L
Fuel Tank Capacity	40 gal	151 L	40 gal	151 L

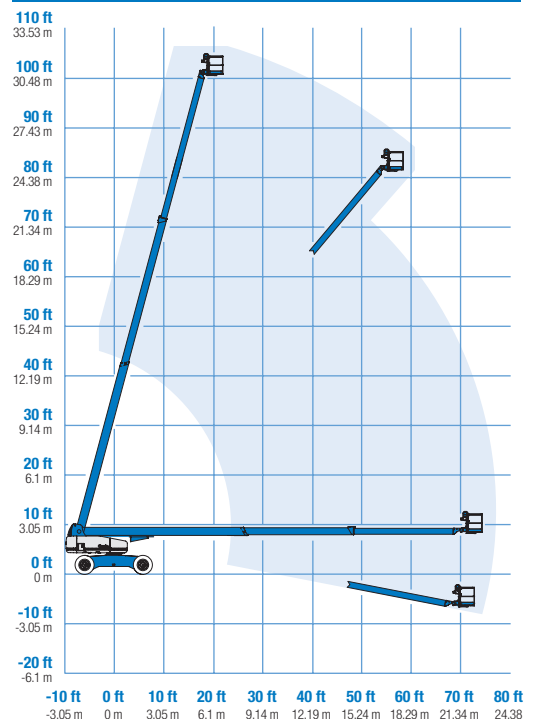
WEIGHT***

	39,700 lbs	18,008 kg	40,000 lbs	18,144 kg
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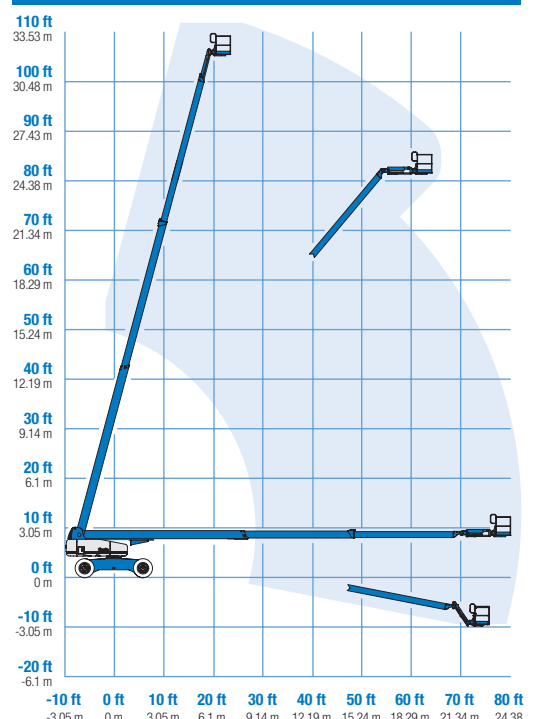
STANDARDS COMPLIANCE

ANSI A92.5, CSA B354.4, CE Compliance, AS 1418.10

RANGE OF MOTION S™-100



RANGE OF MOTION S™-105



* 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

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS

- Steel 8 ft (2.44 m) (standard)
- Steel 6 ft (1.83 m)
- Steel 6 or 8 ft (1.83 or 2.44 m) tri-entry

POWER OPTIONS

- Deutz diesel 78 hp (58.1 kW)
- Perkins diesel 83 hp (62 kW)
- Cummins diesel 80 hp (60 kW)

DRIVE/STEER OPTIONS

- 4WD (standard)
- 4WS (standard)

AXLE

- Extendable axles (standard)

TIRE

- Rough terrain foam-filled (standard)

STANDARD FEATURES

MEASUREMENTS

S™-100

- 106 ft (32.50 m) working height
- 75 ft (22.90 m) horizontal reach
- 750 lb (340 kg) lift capacity

S™-105

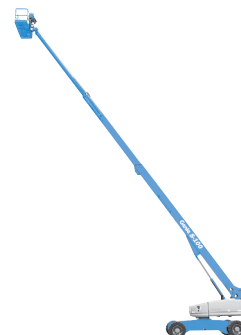
- 111 ft (34 m) working height
- 80 ft (24.40 m) horizontal reach
- 500 lb (227 kg) lift capacity

PRODUCTIVITY

- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional Hall effect joystick controls
- Drive enable
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- Alarm package
- 360° continuous turntable rotation
- Locking low profile turntable covers
- Positive traction drive
- Two speed wheel motors

POWER

- All engines are emissions compliant
- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Hydraulic oil cooler
- Deutz intake air heater



OPTIONS & ACCESSORIES

PRODUCTIVITY

- Platform swing gate
- Half mesh platform inserts with swing gate
- Platform top auxiliary rail
- **Arc Pro 275™ Heavy-Duty Welder package**
- Weld leads to platform
- Air line to platform
- Arctic hydraulic oil
- Arctic hose option (boom hoses only)
- Basic hostile environment kit
- Deluxe hostile environment kit
- Deluxe aircraft protection package
- Thumb rocker steer
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Panel cradle package*
- Platform work lights
- Front driving lights
- Lockable platform control box covers
- Tow package

* Available on select models

POWER

- AC Generator Packages (3000 or 3500 watts)
- Cold Start Packages
- DS UL588 fire protection rating
- Diesel scrubber/spark arrestor
- Diesel spark arrestor muffler (not available on Cummings S100 & S120)

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