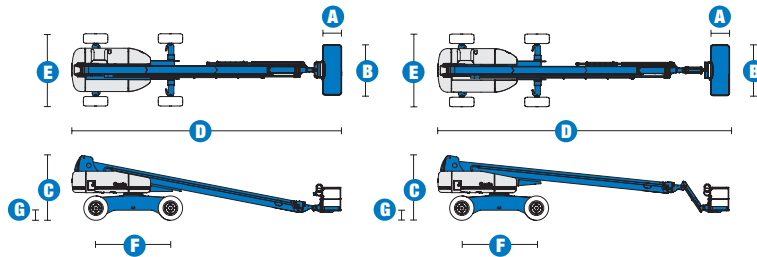


Specifications



MODELS	S™-100		S™-105	
MEASUREMENTS	Metric	US	Metric	US
Working height maximum*	32.48 m	106 ft	34 m	111 ft
Platform height maximum	30.48 m	100 ft	32 m	105 ft
Horizontal reach maximum	22.86 m	75 ft	24.38 m	80 ft
Below ground reach	1.98 m	6 ft 6 in	3.05 m	10 ft
A Platform length - 8 ft model	91 cm	3 ft	91 cm	3 ft
Platform length - 6 ft model	76 cm	2 ft 6 in	76 cm	2 ft 6 in
B Platform width - 8 ft model	2.44 m	8 ft	2.44 m	8 ft
Platform width - 6 ft model	1.83 m	6 ft	1.83 m	6 ft
C Height - stowed	3.07 m	10 ft 1 in	3.07 m	10 ft 1 in
D Length - stowed	13.00 m	42 ft 8 in	14.02 m	46 ft
Length - transport (jib tucked under)			12.17 m	39 ft 11 in
E Width - axle retracted	2.49 m	8 ft 2 in	2.49 m	8 ft 2 in
Width - axle extended	3.35 m	11 ft	3.35 m	11 ft
F Wheelbase	3.66 m	12 ft	3.66 m	12 ft
G Ground clearance - centre	44 cm	1 ft 5.5 in	44 cm	1 ft 5.5 in

PRODUCTIVITY	S™-100		S™-105	
Lift capacity	340 kg	750 lbs	227 kg	500 lbs
Platform rotation	160°	160°	160°	160°
Vertical jib rotation			135° (+78°/-57°)	135°
Turntable rotation	360° continuous		360° continuous	
Turntable tailswing - axle retracted	1.68 m	5 ft 6 in	1.68 m	5 ft 6 in
Turntable tailswing - axle extended	1.22 m	4 ft	1.22 m	4 ft
Drive speed - stowed	4.8 km/h	3.0 mph	4.8 km/h	3.0 mph
Drive speed - raised or extended	1.1 km/h	0.68 mph	1.1 km/h	0.68 mph
Gradeability - stowed**	40%	40%	40%	40%
Turning radius - axles retracted: inside	4.14 m	13 ft 7 in	4.14 m	13 ft 7 in
Turning radius - axles retracted: outside	6.58 m	21 ft 7 in	6.58 m	21 ft 7 in
Turning radius - axles extended: inside	2.74 m	9 ft	2.74 m	9 ft
Turning radius - axles extended: outside	6.05 m	19 ft 10 in	6.05 m	19 ft 10 in
Controls	12 V DC proportional		12 V DC proportional	
Tyres - RT lug	385/65D 22.5		385/65D 22.5	

POWER	S™-100				S™-105			
Power Source	Deutz TD2011 L04i 4 cylinder turbo diesel 74 hp (55 kW) Perkins 804-33T 4 cylinder turbo diesel 83 hp (62 kW)							
Auxiliary Power Unit	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC
Hydraulic Tank Capacity	208 L	55 gal	208 L	55 gal	208 L	55 gal	208 L	55 gal
Fuel Tank Capacity	151 L	40 gal	151 L	40 gal	151 L	40 gal	151 L	40 gal

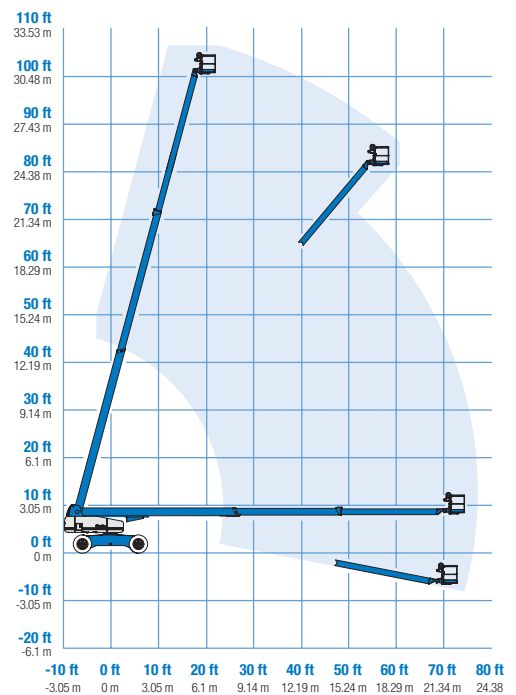
SOUND & VIBRATION LEVELS	S™-100		S™-105	
Sound pressure level (ground workstation)	83 dBA	83 dBA	83 dBA	83 dBA
Sound pressure level (platform workstation)	71 dBA	71 dBA	71 dBA	71 dBA
Vibration	<2.5 m/s ²	<8 ft 2 in/s ²	<2.5 m/s ²	<8 ft 2 in/s ²

WEIGHT***	S™-100		S™-105	
4WD	18,008 kg	39,700 lbs	18,144 kg	40,000 lbs

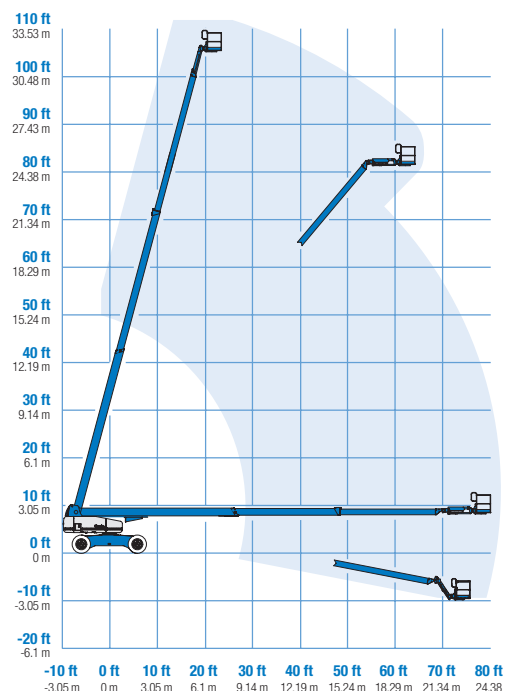
STANDARDS COMPLIANCE	S™-100	S™-105
	CE EN280, PB-10-611-03	CE EN280, PB-10-611-03

* 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™-100



RANGE OF MOTION S™-105



Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS

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

JIB OPTIONS

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

POWER

- Deutz Turbo Diesel 74 hp (55 kW)
- Perkins Turbo Diesel 83 hp (62 kW)

DRIVE/STEER OPTIONS

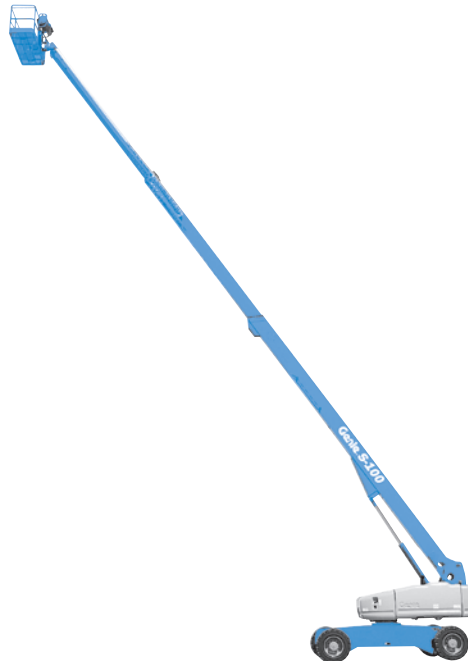
- 4x4 (standard)
- 4 wheel steer (standard)

AXLE

- Extendable axles (standard)

TYRE

- Rough terrain foam-filled (standard)



STANDARD FEATURES

MEASUREMENTS

S™-100

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

S™-105

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

PRODUCTIVITY

- Self-levelling platform
- Hydraulic platform rotation
- Fully proportional Hall effect joystick controls
- Thumb rocker steer
- Hydraulic oil cooler
- Drive enable
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Alarm package (flashing beacon and travel alarm)
- 360° continuous turntable rotation
- Locking low profile turntable covers
- Positive traction drive
- Two speed wheel motors
- Configurable controls to limit lift height to 24.38 m (80 ft)
- Ground control box cover
- Engine status display
- Certified load sensor

POWER

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

OPTIONS & ACCESSORIES

PRODUCTIVITY

- Platform swing gate
- Half mesh platform inserts with swing gate
- Platform top auxiliary rail
- Weld leads to platform
- Air line to platform
- Power to platform (incl. plug, socket/ground fault interrupt earth leakage on request)
- Biodegradable hydraulic oil
- Basic hostile environment kit
- Deluxe hostile environment kit
- Aircraft protection package (6 ft platform only)
- Tool tray
- Fluorescent tube caddy*
- Platform work lights*
- Light package (2 chassis mounted drive lights, 2 platform mounted work lights)
- Lockable platform control box covers

POWER

- Engine gauge package
- AC generator packages
- Diesel catalytic scrubber muffler
- Diesel intake air pre-cleaner
- Engine heater
- Soot filter
- Raffinery kit (spark arrestor + electric or mechanical Chalwryn valve)

* Available on tri-entry basket model only