

# Genie S-100/S-105 Specifications

## Self-Propelled Telescopic Boom

### STANDARD FEATURES

- Industry-leading outreach of 75 ft (22.9 m) for S-100, 80 ft (24.4 m) for S-105
- Four-wheel drive with four-wheel brakes
- Extendable axles, operated from platform
- Three diesel engine options
- 8 ft (2.44 m) steel platform
- Fully proportional platform controls
- 160° hydraulic platform rotation
- 360° continuous turntable rotation
- Auxiliary power unit
- Positive traction drive
- Drive enable system
- Self-leveling platform
- Anti-restart engine protection
- Engine monitoring display
- AC wiring to platform
- Tilt alarm
- Alarm package

### OPTIONS

- Four-wheel steer, including front, rear, crab and coordinated steer functions
- Cold start packages
- 3500 watt AC generator
- Platform swing gate
- Air line to platform
- Platform rail pinch guard
- Platform work lights
- Hostile environment packages

### SPECIFICATIONS

MODEL	S-100		S-105	
	US	Metric	US	Metric
Working height	106 ft	32.3 m	111 ft	34 m
Platform height	100 ft	30.5 m	105 ft	32 m
Height - stowed	10 ft 1 in	3.07 m	10 ft 1 in	3.07 m
Length - stowed	42 ft 8 in	13 m	46 ft	14 m
Length - transport (jib tucked underneath)	39 ft 11 in	12.17 m	39 ft 11 in	12.17 m
Width - axles retracted	8 ft 2 in	2.49 m	8 ft 2 in	2.49 m
Width - axles extended	11 ft	3.35 m	11 ft	3.35 m
Wheelbase	12 ft	3.66 m	12 ft	3.66 m
Ground clearance	15 ½ in	39 cm	15 ½ in	39 cm
Platform length	36 in	91 cm	36 in	91 cm
Platform width	96 in	2.44 m	96 in	2.44 m
Horizontal reach max	75 ft	22.9 m	80 ft	24.4 m
Lift capacity	750 lb	340 kg	500 lb	227 kg
Turning radius - outside extended axles, 2-wheel steer	23 ft 10 ft	7.26 m	23 ft 10 in	7.26 m
Turning radius - inside extended axles, 2-wheel steer	14 ft	4.27 m	14 ft	4.27 m
Turntable rotation	360° continuous		360° continuous	
Turntable tailswing retracted axles	5 ft 6 in	1.68 m	5 ft 6 in	1.68 m
Turntable tailswing extended axles	48 in	1.22 m	48 in	1.22 m
Power source	Cummins 4B3.9 diesel 75 hp (56 kw) Deutz FL913 diesel 77 hp (57 kw) Perkins 1004-42 diesel 81 hp (60 kw)			
Controls	proportional		proportional	
Platform rotation	160° hydraulic		160° hydraulic	
Auxiliary power unit	12V DC		12V DC	
Tires	15 x 22.5, 18 pr, FF		15 x 22.5, 18 pr, FF	
Hydraulic tank capacity	55 gal	208 litre	55 gal	208 litre
Fuel tank capacity	40 gal	151 litre	40 gal	151 litre
Drive speed, stowed	3 mph	4.8 km/h	3 mph	4.8 km/h
Gradeability, stowed	42%		42%	
Weight	39,700 lb	18,008 kg	40,000 lb	18,144 kg

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