

## SPECIFICATIONS

<b>Model - S-45</b>		
Height, working maximum	51 ft	15.5 m
Height, platform maximum	45 ft	13.7 m
Height, stowed maximum	8 ft 2 in	2.49 m
Horizontal reach maximum	36 ft 8 in	11.2 m
Width	7 ft 6 in	2.29 m
Length, stowed	27 ft 10 in	8.5 m
Maximum load capacity 6 foot platform	500 lb	227 kg
Maximum load capacity 8 foot platform	500 lb	227 kg
Wheelbase	7 ft 3 in	2.2 m
Turning radius (outside)	15 ft 8 in	4.78 m
Turning radius (inside)	6 ft 8 in	2.03 m
Turntable rotation (degrees)	continuous	
Turntable tailswing	34 in	86.4 cm
Power source (choice)	Ford 63 Hp Gasoline/LRG-425 EFI or Deutz 36 Hp Diesel F3L 1011F or Deutz 56 Hp Diesel F4L 1011F or Perkins 704-30 Diesel	
Controls	12V DC proportional	
Platform dimensions, 6 foot (length x width)	72 in x 30 in 1.8 m x 76 cm	
Platform dimensions, 8 foot (length x width)	96 in x 36 in 2.4 m x 91 cm	
Platform leveling	self-leveling	
Platform rotation	160°	
AC outlet in platform	standard	
Gradeability, stowed, 2WD	30%	
Gradeability, stowed, 4WD	40%	
Ground clearance	12 <sup>1</sup> / <sub>2</sub> in	31.8 cm

**Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.**

Tire size, 2WD front tires only	12.5L-16SL	
rear tires only	12-16.5 NHS	
Tire size, 2WDRT & 4WD front & rear	12-16.5 NHS	
Hydraulic pressure, maximum (boom functions)	2600 psi	179 bar
Fuel tank capacity	30 gallons	114 liters
System voltage	12V	
Weight (Machine weights vary with option configurations)	See Serial Plate	
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)	80 dB	

<b>Drive Speeds</b>	<b>2WD</b>	<b>4WD</b>
Drive speed, stowed	4.0 mph	3.5 mph
Gasoline/LPG models	6.4 km/h	5.6 km/h
	40 ft/6.8 sec	40 ft/7.8 sec
	12.2 m/6.8 sec	12.2 m/7.8 sec
Drive speed, stowed Diesel models	3.5 mph	3 mph
	5.6 km/h	4.8 km/h
	40 ft/7.8 sec	40 ft/9.1 sec
	12.2 m/7.8 sec	12.2 m/9.1 sec
Drive speed, raised or extended - all models	0.68 mph	0.68 mph
	1.1 km/h	1.1 km/h
	40 ft/40 sec	40 ft/40 sec
	12.2 m/40 sec	12.2 m/40 sec

**Floor Loading Information**

GVW+Rated Load	16,266 lbs	7378 kg
Axle load, maximum	13,900 lbs	6303 kg
Wheel load, maximum	6970 lbs	3160 kg
Localized pressure per tire	65 psi	4.6 kg/cm <sup>2</sup> 448 kPa
Occupied pressure	219 psf	10.50 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.