

# Specifications

## Machine Specifications

Stowed dimension	2WD	4WD
Length	17 ft 8 1/2 in 5.4m	17 ft 10 3/4 in 5.45m
Width		
Rough terrain	6 ft 8 1/4 in 203.8cm	6 ft 4 5/8 in 194.6cm
Industrial	5 ft 9 5/8 in 176.8cm	
Height	6 ft 6 in 1.98m	7 ft 4 in 2.23m
Weight	13860 lbs 6287kg	14410 lbs 6536kg
Ground clearance	8 in 20.3cm	11 in 27.9cm
<b>Platform dimensions</b>		
Length	6 ft 182.8cm	6 ft 182.8cm
Width	30 in 76.2cm	30 in 76.2cm
<b>Operational dimensions</b>		
Maximum platform height	45 ft 13.72m	45 ft 13.72m
Maximum horizontal reach	23 ft 7m	23 ft 7m
Maximum up-and-over clearance	21 ft 7 in 6.58m	21 ft 7 in 6.58m
Maximum turntable tailswing	1 inch 2.54cm	none
Wheelbase	6 ft 3 in 190.5cm	6 ft 3 in 190.5cm
Minimum turning circle, outside	14 ft 4 in 4.37m	14 ft 9 in 4.49m
Minimum turning circle, inside	7 ft 2.13m	6 ft 8 in 2.03m
Turntable rotation	359°	359°
Platform rotation	180°	180°

Tires and wheels	Rough terrain	Industrial
Wheel diameter	17.5 inches	14.5 inches
Wheel width	10.5 inches	7 inches
Wheel lugs - 4WD	9 @ 5/8-18	
Wheel lugs - 2WD		
Front	8 @ 5/8 -18	8 @ 5/8 -18
Rear	9 @ 5/8 -18	9 @ 5/8 -18
Lug nut torque	125 ft-lbs 169.5 Nm	125 ft-lbs 169.5 Nm
Tire size	14-17.5NHS	9-14.5 LT
Tire ply rating	8	Tread 8 Sidewall 6
Tire contact area	59 sq in 380sq cm	43.5 sq in 280sq cm
Overall tire diameter	35.8 inches 91cm	28 inches 71cm
Tire pressure		
2WD	40 psi 2.76 bar	100 psi 6.89 bar
4WD	28 psi 1.93 bar	

### Fluid capacities

Fuel tank	15 gallons	56.8 liters
Propane tank	33.5 pounds	15.2kg
Hydraulic tank	25 gallons	95 liters
Hydraulic system (including tank)	30 gallons	114 liters
Torque hubs	17 ounces	0.5 liters

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

## SPECIFICATIONS

**Performance Specifications**

<b>Drive speeds, maximum</b>	<b>2WD</b>	<b>4WD</b>
Boom lowered, high range	5.0 mph 8.0km/h	4.8 mph 7.7km/h
Boom lowered, low range	1.1 mph 1.8km/h or 5 feet in 3 sec.	0.9 mph 1.4km/h or 4 feet in 3 sec.
Boom raised, high range	0.68 mph / 1km/h or 1 foot per second	
Boom raised, low range	0.68 mph / 1km/h or 1 foot per second	
<b>Gradeability (stowed)</b>	30%	40%
<b>Boom function speeds, maximum from platform controls</b>		
Primary boom extend	29 seconds	
Primary boom retract	25 seconds	
Primary boom up	27 seconds	
Primary boom down	35 seconds	
Secondary boom up	25 seconds	
Secondary boom down	25 seconds	
Turntable rotate (359°)	73 seconds	
Platform rotate (180°)	15 seconds	
Platform level up	25 seconds	
Platform level down	15 seconds	
Multiple function stowed to full raised	60 seconds	
Multiple function full raised to stowed	60 seconds	

**Hydraulic Specifications**

<b>Hydraulic fluid</b>	Dexron II equivalent	
<b>Drive pump</b>		
Type	bi-directional variable displacement piston pump	
Displacement	0 - 25 gpm 0 - 1.6 liters/second	
Maximum drive pressure	3800 psi 262 bar	
Charge pressure		
Eskridge brake	360 psi	24.8 bar
Mico brake	290 psi	20 bar
Medium pressure filter	3 micron	
Medium pressure filter bypass pressure	50 psi 345 kPa	
<b>Drive manifold</b>		
Motor shift/brake relief pressure		
Eskridge brake	320 psi	22 bar
Mico brake	250 psi	17.2 bar
4WD front motor flow regulators	3.0 gpm 11.4 liters/minute	
4WD rear motor flow regulators	4.5 gpm 17.0 liters/minute	
2WD rear motor flow regulators	7.0 gpm 26.5 liters/minute	