

Genie® Z-45/22 Specifications

Model	2WD	4WD
Height, working maximum	51 ft 15.5 m	51 ft 15.5 m
Height, platform maximum	45 ft 13.7 m	45 ft 13.7 m
Height, stowed maximum	6 ft 6 in 2.0 m	7 ft 4 in 2.2 m
Horizontal reach maximum	23 ft 7 m	23 ft 7 m
Width	5 ft 11 in 1.8 m	7 ft 2.1 m
Length, stowed	17 ft 8½ in 5.4 m	17 ft 11 in 5.5 m
Maximum load capacity 6 foot platform	500 lb 227 kg	500 lb 227 kg
Wheelbase	6 ft 3 in 1.9 m	6 ft 3 in 1.9 m
Turning radius (outside)	14 ft 4 in 4.4 m	14 ft 9 in 4.5 m
Turning radius (inside)	7 ft 2.1 m	6 ft 9 in 2.1 m
Turntable rotation (degrees)	359°	
Turntable tailswing	1 in 2.5 cm	0 in 0 cm
Power source Ford 63 Hp Gasoline/LPG LSG/LRG-423 (choice)	Deutz 36 Hp Diesel F3L 1011	
Drive speed, stowed	5.0 mph	4.8 mph
Gasoline/LPG models	8.0 km/h 40 ft/5.5 sec 12.2 m/5.5 sec	7.7 km/h 40 ft/5.7 sec 12.2 m/5.7 sec
Drive speed, stowed	4.4 mph	4.2 mph
Deutz Diesel models	7.1 km/h 40 ft/6.2 sec 12.2 m/6.2 sec	6.8 km/h 40 ft/6.5 sec 12.2 m/6.5 sec
Drive speed, booms raised - all models	0.68 mph 1.1 km/h 40 ft/40 sec 12.2 m/40 sec	0.68 mph 1.1 km/h 40 ft/40 sec 12.2 m/40 sec
Airborne noise emissions	80 dB	
Maximum sound level at normal operating workstations (A-weighted)		

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Controls	12V DC proportional	
Platform dimensions, 6 foot (length x width)	72 in x 30 in 1.8 m x 76 cm	72 in x 30 in 1.8 m x 76 cm
Platform leveling	self-leveling	self-leveling
Platform rotation	180°	180°
AC outlet in platform	standard	standard
Hydraulic pressure (maximum) (boom functions)	2200 psi 151 bar	2000 psi 138 bar
Hydraulic pressure (maximum) (drive functions)	3500 psi 241 bar	3500 psi 241 bar
Tire size, 2WD	9-14.5 12 ply	
Tire size, 4WD	14-17.5 8 ply	
Gradeability, stowed	30%	40 %
Ground clearance	8 in 20 cm	12 in 30.5 cm
Hydraulic tank capacity	25 gallons	94.6 liters
Fuel tank capacity	15 gallons	56.8 liters
Weight	13,860 lbs 6,287 kg	14,410 lb 6,536 kg

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

