

## SPECIFICATIONS

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#### GENERAL MACHINE DIMENSIONS/CAPACITIES

Item	Dimension/capacity
Length	2360 mm (93 in)
Width	1590 mm (62.5 in)
Height	1475 mm (58 in)
Height with overhead guard	2080 mm (82 in)
Height with overhead guard and hazard light	2270 mm (89.5 in)
Height with cab	2100 mm (82.62 in)
Height with cab and hazard light	2285 mm (90 in)
Track	1345 mm (53 in)
Wheelbase	1135 mm (44.75 in)
Main brush diameter	355 mm (14 in)
Main brush length	1145 mm (45 in)
Side brush diameter	585 mm (23 in)
Sweeping path width	1145 mm (45 in)
Sweeping path width with side brush	1525 mm (60 in)
Main brush pattern width	50 to 65 mm (2.0 to 2.5 in)
Hopper weight capacity	545 kg (1200 lb)
Hopper volume capacity	396 L (14 cu ft)
Dust filter area	6.9 m <sup>2</sup> (74 sq ft)
GVWR	1927 kg (4250 lb)
Sound level	80 dBa
Ceiling height minimum dumping clearance	2745 mm (9 ft)

#### GENERAL MACHINE PERFORMANCE

Item	Measure
Maximum forward speed	13.7 kmh (8.5 mph)
Maximum reverse speed	4.0 kmh (2.5 mph)
Minimum aisle turn width, left	2870 mm (113 in)
Minimum aisle turn width, right	4725 mm (186 in)
Maximum rated climb and descent angle	6°

**POWER TYPE**

Engine	Type	Ignition	Cycle	Aspiration	Cylinders	Bore	Stroke
Ford VSG 1.1L	Piston	Distributor-less-type spark	4	Natural	4	69 mm (2.70 in)	76 mm (2.97 in)
	Displacement		Net power, governed			Net power, maximum	
	1100 cc (67 cu in)		20.3 kw (28 hp) @ 2400 rpm			32.8 kw (44 hp) @ 3600 rpm	
Ford VSG 1.3L	Piston	Distributor-less-type spark	4	Natural	4	74 mm (2.91 in)	75 mm (2.97 in)
	Displacement		Net power, governed			Net power, maximum	
	1300 cc (79 cu in)		23.2 kw (32 hp) @ 2400 rpm			39.5 kw (53 hp) @ 4000 rpm	
Ford VSG 1.1L and 1.3L	Fuel		Cooling system			Electrical system	
	Gasoline, 87 octane minimum, unleaded. Fuel tank: 36 L (9.6 gal)		Water/ethylene glycol antifreeze			12 V nominal	
	LPG, Fuel tank: 15 kg (33 lb)		Total: 4.5 L (1.2 gal)			37 A alternator	
			Radiator: 3.8 L (1 gal)				
	Idle speed, no load		(Fast 1) governed speed, under load			(Fast 2) governed speed, under load	
	1350 ± 250 rpm		2000 ± 50 rpm			2400 ± 50 rpm	
	Spark plug gap		Firing order			Valve clearance, cold	
	1 mm (0.039 in)		1-2-4-3, counterclockwise rotation			0.22 mm (0.009 in) intake 0.32 mm (0.013 in) exhaust	
	Engine lubricating oil with filter						
3.3 L (3.5 qt) 10W-30 SAE-SG/SH							

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### STEERING

Type	Power source	Emergency steering
Rear wheel, hydraulic cylinder and rotary valve controlled	Hydraulic accessory pump	Manual

### HYDRAULIC SYSTEM

System	Capacity	Fluid Type
Hydraulic reservoir	24.6 L (6.5 gal)	TENNANT part no. 65869 - above 7° C (45° F)
Hydraulic total	N/A L (N/A gal)	TENNANT part no. 65870 - below 7° C (45° F)

### BRAKING SYSTEM

Type	Operation
Service brakes	Mechanical drum brakes (2), one per front wheel, cable actuated
Parking brake	Utilize service brakes, cable actuated

### TIRES

Location	Type	Size	Pressure
Front (2)	Solid	5 x 18 in	-
Rear (1)	Pneumatic	6 x 19 in	790 ± 35 kPa (115 ± 5 psi)



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