



MV800 VACUUM EXCAVATOR

DIMENSIONS

	U.S.	METRIC
Length	208 in	5283 mm
Width	96.5 in	2479 mm
Height	91.5 in	2324 mm
Weight		
No options		
Empty	4,995 lb	2265 kg
All options (water, rev. flow & hyd. door)		
Empty	5,590 lb	2536 kg
Trailer GVWR	14,000 lb	6350 kg

POWER

Engine	Briggs & Stratton® Vanguard™	
Fuel	Gasoline	
Cooling medium	Air	
Aspiration	Natural	
Number of cylinders	2	
Displacement	54.68 in ³	896 cc
Bore	3.37 in	86 mm
Stroke	3.07 in	78 mm
Manufacturer's gross power rating (SAE J1940)	31 hp	23.1 kW
Rated speed	3,600 rpm	
Emissions compliance	EPA LSI	EU Stage II
Fuel tank capacity	6.9 gal	26.1 L

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

VACUUM SYSTEM

	U.S.	METRIC
2-lobe blower displacement	543 cfm	15.3 m ³ /min
Drive type	Belt	
Vacuum, max	15 in Hg	381 mm Hg
Tank outlet valve size	6 in	152 mm
Tank inlet valve size	4 in	102 mm
Tank dump angle	45°	
Filter type	Washable polyester	
Filter area	100 ft ²	9.3 m ²
Water trap capacity	6 gal	22.7 L
Suction hose	25 ft	7.62 m
Hose size, standard	3 in	76 mm

WATER SYSTEM

Water tank capacity	100 gal	379 L
Water pump flow	4 gpm	15.1 l/min
Water pump pressure, max	3,000 psi	207 bar
Hose reel capacity (locking)	50 ft	9.1 m
Clutch type	Electric w/auto de-clutch	
Antifreeze	50/50 water/antifreeze mix	

HYDRAULIC SYSTEM

Power unit	12V DC	
Reservoir size	2 gal	7.6 L
Pressure	2,500 psi	172 bar
Tank dump cylinders (2)	2.5 in	63.5 mm

BATTERY

Electrical system	12V	
SAE reserve capacity rating	120 min	
SAE cold crank @ 0°F (-18°C)	750 amps	

NOISE LEVEL

Suction only		
Sound power	109 dBA	
Sound pressure	79 dBA	

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