



MV8/MV12

MUD VACUUM EXCAVATORS



FEATURES & BENEFITS

DEDICATED TO HDD

Built specifically for mud, the MV line is everything you love about Ditch Witch® vacs, redesigned to work harder on HDD jobs.

PROVEN HYDRAULIC DOOR DESIGN

A proven design from the HX line, the hydraulic door brings more customer-driven upgrades to mud applications.

TWO TANK OPTIONS

With 800-gallon tanks for the MV8 and 1,200-gallon tanks for the MV12, you reduce costly downtime dumping spoils.

CUSTOMER-DRIVEN IMPROVEMENTS

Engineered with upgrades from operator feedback, the MV line was purpose-built to partner with your HDD rig.

PRODUCTIVE BOOM PLATFORM

A new jib boom delivers greater jobsite efficiency.

PURPOSE-BUILT TRAILER

Make getting on and off the jobsite easier with a custom, purpose-built trailer, built to keep you more productive from start to finish.

MV LINE MUD VACUUM EXCAVATOR SPECIFICATIONS

DIMENSIONS

	MV8	MV12
Length	57 in (1.45 m)	57 in (1.45 m)
Width	39 in (0.99 m)	39 in (0.99 m)
Height	45 in (1.14 m)	45 in (1.14 m)
Weight	900 lb (408 kg)	
Trailer GVWR	12,000 lb (5443 kg)	12,000 lb (5443 kg)

POWER

	MV8	MV12
Engine	Honda®	Honda®
Fuel	Gasoline	Gasoline
Manufacturer's gross power rating	24.9 hp (19kW)	24.9 hp (19kW)
Emissions compliance	EPA Phase 3 (EU Stage V)	EPA Phase 3 (EU Stage V)
Cooling medium	Air	Air
Aspiration	Natural	Natural
Number of cylinders	2	2
Displacement	47.54 in³ (0.8 L)	47.54 in³ (0.8 L)
Bore	3.27 in (83.0 mm)	3.27 in (83.0 mm)
Stroke	2.83 in (72.0 mm)	2.83 in (72.0 mm)
Rated speed	3,600 rpm	3,600 rpm
Fuel tank capacity	7 gal (26.5 L)	7 gal (26.5 L)

VACUUM SYSTEM

	MV8	MV12
Blower displacement	504 cfm (14.3 m³/min)	504 cfm (14.3 m³/min)
Drive type	Belt	Belt
Vacuum, max	15 in Hg (381 mm Hg)	15 in Hg (381 mm Hg)
Tank outlet valve size	6 in (152 mm)	6 in (152 mm)
Tank inlet valve size	4 in (102 mm)	4 in (102 mm)
Tank dump angle	37°	37°
Filter type	Washable polyester	Washable polyester
Filter area	73 ft² (6.8 m²)	73 ft² (6.8 m²)
Suction hose	(2) 12'	(2) 12'
Hose size	Standard	Standard

WATER SYSTEM

	MV8	MV12
Water tank capacity	800 gal (3028 L)	
Water pump flow 4 gpm 15.1 L/min	2.9 gpm (11 L/min)	2.9 gpm (11 L/min)
Water pump pressure, max	2500 psi (172 bar)	2500 psi (172 bar)
Hose reel capacity (locking)	50 ft (9.1 m)	50 ft (9.1 m)

HYDRAULIC SYSTEM

	MV8	MV12
Power unit	12V DC	12V DC
Reservoir size	5.5 gal (20.8 L)	5.5 gal (20.8 L)
Pressure	2,500 psi (170 bar)	2,500 psi (170 bar)

BATTERY

	MV8	MV12
Electrical system	12V	12V
SAE reserve capacity rating	38 min	38 min
SAE cold crank @ 0°F (-18°C)	340 amp	340 amp

NOISE LEVEL

Suction only		
Sound power	78 dBA	78 dBA
Sound pressure	107 dBA	107 dBA

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.

