

FM5X FLUID MANAGEMENT SYSTEM



 **Ditch Witch®**

KEY FEATURES/BENEFITS

POWER TO PERFORM

Powered by a 5-hp Honda® engine with a standard 300-gallon (757-L) or optional 500-gallon (1893-L) tank to match the needs of smaller diameter, short-distance utility installation jobs.

CUSTOMER-DRIVEN DESIGN

Flexible pump mounting offers a variety of setup configurations to meet the needs of small-diameter HDD jobs.

ENGINEERED FOR EFFICIENCY

Features a high-performance Flomax® pump, delivering 160-gpm (606-l/min) of flow, and operates up to 10 percent more efficiently than previous models.

INCREASED PRODUCTIVITY

A new wet hopper design, increasing the venturi inlet from 1.25 to 2 inches—a 60 percent larger opening for material flow and superior fluid mixing. Steep sides incorporated in design to help speed mixing cycles.

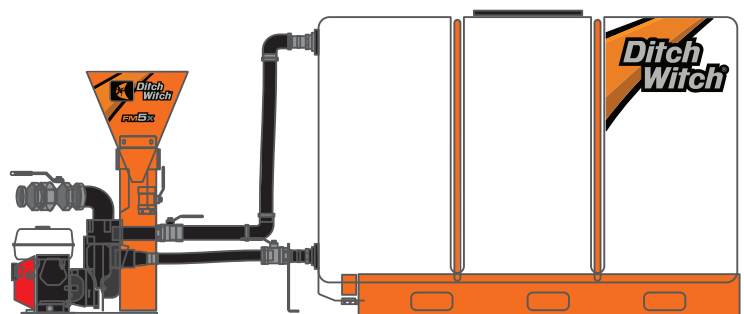
JOBSITE COMPATIBILITY

FM5X features a narrow-tank design, allowing the unit to easily be positioned side-by-side with a drill unit on a trailer for easy jobsite transportation and reduced jobsite costs.

UNDENIABLE DURABILITY

Features powder-coated finish, making the unit more durable, economical and resistant to chips, rusting or fading.

INTRODUCING THE
FM5X
FLUID
MANAGEMENT
SYSTEM



FM5X FLUID MANAGEMENT SYSTEM SPECIFICATIONS

DIMENSIONS

	U.S.	METRIC
Length	123 in	3.1 m
Width	25.6 in	650 mm
Height	53 in	1.3 m
Weight, empty	660 lb	299 kg
Weight, full of water	3,164 lb	1435 kg

FLUID/MIXING SYSTEM

Centrifugal pumps		
Suction port diameter	2 in	51 mm
Discharge port diameter	2 in	51 mm
Fluid pressure, max	40 psi	2.8 bar
Pump discharge rate, water, max	160 gpm	606 l/min
Drilling fluid tank capacity	300 gal	1136 L
Solids addition rate	50 lb/min	23 kg/min
Mixing hopper capacity	1 ft ³	28 L

POWER

Engine	Honda® GX160	
Fuel	Gasoline	
Cooling medium	Air	
Number of cylinders	1	
Displacement	9.9 in ³	.16 L
Bore	2.7 in	69 mm
Stroke	1.8 in	46 mm
Manufacturer's net power rating	4.8 hp	3.6 kW
Rated speed	3,600 rpm	
Emissions compliance	EPA Phase 3	EU Stage IV

FLUID CAPACITIES

Fuel tank	0.95 gal	3.6 L
Engine oil	0.63 qt	0.6 L

NOISE LEVEL

Sound pressure	91 dbA per ISO6394	
Sound power	105 dbA per ISO6394	

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.