



# FM5X

## FLUID MANAGEMENT SYSTEM



### FEATURES & BENEFITS

#### POWER TO PERFORM

Powered by a 5-hp Honda® engine with a standard 300-gallon (1136-L), 400-gallon (1514-L), or 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.

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## DIMENSIONS

	U.S.	METRIC
<b>300 GALLON (1136 L)</b>		
Length	150 in	3.81 m
Width	31 in	787 mm
Height	68 in	1.73 m
Weight, full of water	3,164 lb	1435 kg
<b>400 GALLON (1514 L)</b>		
Length	100 in	2.54 m
Width	20 in	510 mm
Height	69 in	1.75 m
Weight, full of water	4,463 lb	2024 kg
<b>500 GALLON (1893 L)</b>		
Length	150 in	3.81 m
Width	31 in	787 mm
Height	68 in	1.73 m
Weight, full of water	5,390 lb	2445 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 <sup>3</sup>	28 L

## POWER

	U.S.	METRIC
Engine	Honda® GX160	
Fuel	Gasoline	
Cooling medium	Air	
Number of cylinders	1	
Displacement	9.9 in <sup>3</sup>	.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.

