

DITCH WITCH® FM25 FLUID MIXING SYSTEM

The reliable, low-maintenance FM25 mixing system makes short work of the mixing process. Simplicity of design and multiple configuration options—it even has a fuel fill on both sides—accommodate a variety of setups and make transport easy. And with the power to support even the largest of drills, the FM25 also supports your need to get the job done right and right on time.



KEY FEATURES

Reliable 25-hp (18.7 kW) Kubota diesel engine means that only one fuel is required on the jobsite.

Venturi wet hopper allows excellent mixing of fluids; the hopper's steeper sides help speed up mixing cycles.

Two fluid pumps operate with simple, electric clutch controls.

DETAILS

Your choice of one or two hoppers, 500-gallon (1893 L) or 1,000-gallon (3785 L) tanks, and a fuel fill on both sides allows flexible set-up configurations on your trailer or truck.

Simple, reliable system requires minimal maintenance.

The FM25 has the power to support even the largest HDD systems in the Ditch Witch line.

Optional anti-siphon tank fill and umbrella kit.

Every FM25 fluid mixing system is backed by superior quality service and support, all available from a worldwide network of Ditch Witch dealers.

SPECIFICATIONS

DIMENSIONS (APPROX. OVERALL PACKAGE)

LENGTH
WIDTH
HEIGHT
TANK ASSEMBLY WITHOUT FILL PIPE
TANK ASSEMBLY WITH FILL PIPE
WEIGHT, EMPTY
WEIGHT, TOTAL SYSTEM FILLED WITH WATER

FM25

U.S.	METRIC
192 IN	4.88 M
102 IN	2.59 M
72 IN	1.83 M
78 IN	1.98 M
2700 LB	1230 KG
19,700 LB	8960 KG

POWER

ENGINE
FUEL
COOLING MEDIUM
CYLINDERS
DISPLACEMENT
BORE
STROKE
MANUFACTURER'S GROSS POWER RATING
RATED SPEED

KUBOTA D1105	
DIESEL	
WATER	
3	
68.3 CU IN	1.12 L
2.99 IN	76 MM
3.09 IN	78 MM
25.0 HP	18.7 KW
3000 RPM	3000 RPM

FLUID CAPACITIES

ENGINE OIL, INCLUDING FILTER
FUEL TANK

4.2 QT	4 L
9.2 GAL	35 L

FLUID MIXING SYSTEM

CENTRIFUGAL PUMPS (2)
SUCTION PORT DIAMETER
DISCHARGE PORT DIAMETER
MAX. FLUID PRESSURE
MAX. PUMP DISCHARGE RATE, WATER (EACH)
MAX. FLOW RATE TO DRILLING UNIT (42 VISC)
DRILLING FLUID TANK CAPACITY (EACH)
SOLIDS ADDITION RATE
WITH METERING PLATE
WITHOUT METERING PLATE
MIXING HOPPER CAPACITY (EACH)
TYPICAL TANK MIXING TIME

3.0 IN	76 MM
3.0 IN	76 MM
50 PSI	3.4 BAR
300 GPM	1135 L/MIN
200 GPM	750 L/MIN
500/1000 GAL	1893/3785 L
30 LB/MIN	14 KG/MIN
75 LB/MIN	34 KG/MIN
1.0 CU FT	28 L
7-10 MINUTES	