

 **Ditch Witch**[®]

FX60 VACUUM EXCAVATOR



VACUUM EXCAVATION

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1

Reusable, 3-micron vacuum filter and a blower relief valve air filter provide the industry's best filtration.

2

Optional hydraulic boom (compatible with the 800- and 1,200-gallon tanks) saves labor, time and reduces operator fatigue.

3

At 82 dBA, the FX60 is the quietest vac in its class.

4

High-pressure water system with a 5.2-gpm, 3,000-psi water pump; water pressure adjustable from curbside operator's station.

5

60-hp (45-kW) Cummins® diesel engine powers the FX60's outstanding suction and water pressure.

6

NHTSA-compliant trailer comes standard with toolbox storage in tongue.

7

Fully enclosed, insulated, lockable power pack protects major components from weather and vandalism while leading the industry in noise reduction.

8

Choice of 300-, 500-, 800-, or 1,200-gallon spoils tanks and 80-, 200-, 300-, or 500-gallon water tanks for cleanups of any size.

9

Hydraulic door opens fully horizontal to maximize the efficiency of spoils removal.



The Ditch Witch® FX60 is not only the quietest and most productive vacuum excavation system in its class, but also the most personal. You pick the tank size, horsepower and options, and we build your vac system to suit your task list: exposing utility lines, digging postholes, street repair, cleaning out storm drains and catch basins, and virtually any type of industrial or construction-related cleanup task—even super-sized jobs such as non-hazardous wastewater, salt and sand removal and industrial machine cleaning.

WE'RE IN THIS TOGETHER.



FX60 VACUUM EXCAVATOR OPTIONS



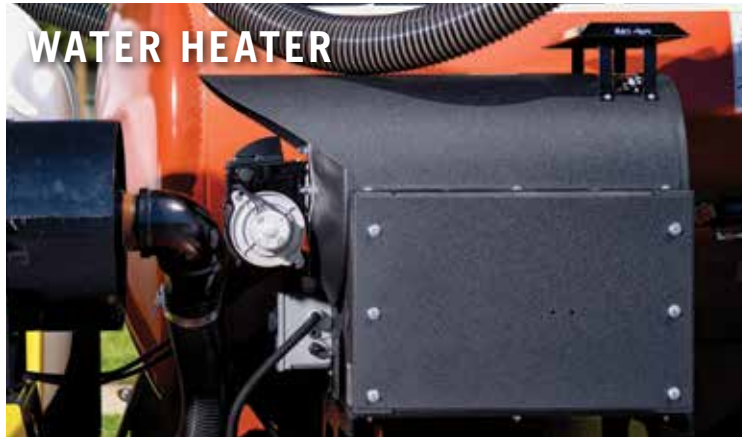
SPOILS TANKS

- 300 gal (1136 L)
- 500 gal (1893 L) (loose configuration)
- 800 gal (3028 L)
- 1,200 gal (4542 L)



WATER TANKS

- 80 gal (303 L)
- 200 gal (757 L)
- 300 gal (1136 L)
- 500 gal (1893 L)



WATER HEATER

- Keeps water system from freezing in inclement weather
- Increases wintertime productivity
- Increases production in tight soils



HYDRAULIC BOOM

- Saves labor, time and reduces operator fatigue
- Rotates 270 degrees
- Extends to 14 ft (4.3 m)



CYCLONIC FILTER

- Provides superior filtration
- Increases system productivity
- Minimizes frequency of cleaning filter

FX60 VACUUM EXCAVATOR SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS		
300 GAL SPOILS/80 GAL WATER ON T9SE6 OR T9SH6		
Length	222 in	5639 mm
Width	96 in	2184 mm
Height	92 in	2261 mm
Weight, empty	7,272 lb	3299 kg
Trailer GVWR	10,000 lb	4536 kg
800 GAL SPOILS/200 GAL WATER ON T18S		
Length	263 in	6680 mm
Width	100.5 in	2553 mm
Height	92 in	2337 mm
Weight, empty	9,045 lb	4103 kg
Trailer GVWR	18,000 lb	8172 kg
1,200 GAL SPOILS/500 GAL WATER ON T26S		
Length	245 in	6223 mm
Width	100.5 in	2553 mm
Height	99 in	2515 mm
Weight, empty	24,880 lb	11285 kg
Trailer GVWR	26,000 lb	11793 kg
POWER		
Engine	Cummins® B3.3NA	
Fuel	Diesel	
Cooling medium	Liquid	
Aspiration	Natural	
Number of cylinders	4	
Displacement	199 in ³	3.3 L
Bore	3.74 in	95 mm
Stroke	4.53 in	115 mm
Manufacturer's gross power rating (SAE J1995)	60 hp @ 2,200 rpm	45 kW
Emissions compliance	EPA Tier 4i	EU Stage IIIA
Fuel tank capacity	19 gal	72 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.

	U.S.	METRIC
VACUUM SYSTEM		
Blower Displacement	928 cfm	26.3 m ³ /min
Drive type	Belt	
Vacuum, max	16 in Hg	405 mm Hg
Vacuum tank door diameter	52 in	1.3 m
Drain valve size	6 in	152 mm
Inlet valve size	4 in	102 mm
Primary shutoff valve size	12 in	305 mm
Filter type	Washable polyester	
Filter area	130 ft ²	12 m ²
Water trap capacity	8 gal	30.3 L
Suction hose size	4 in	102 mm
Suction hose length, total	50 ft	15.2 m
WATER SYSTEM		
Pressure, max	3,500 psi	241 bar
Flow	5.2 gpm	24 l/min
Hose reel capacity w/water lance	50 ft	15.2 m
Antifreeze	50/50 water/antifreeze mix	
Clutch type	Electric w/auto de-clutch	
HYDRAULIC SYSTEM		
Gear pump		
Flow rate	7.2 gpm	36 l/min
Reservoir size	15 gal	57 L
Pressure	2,500 psi	172 bar
Curbside hydraulic manifold with manual selector valve		
BATTERY		
SAE reserve capacity rating	180 min	
SAE cold crank @ 0°F (-18°C)	800 amps	
Electrical system	12V	
NOISE LEVEL		
Sound power	108 dBA	
Sound pressure per ISO	82 dBA	



THE DITCH WITCH® VACUUM EXCAVATION SYSTEM INCLUDES:



ELECTRONICS

Before you dig, you must know what's below. After you call 811 to locate buried telephone, CATV, power, gas, or water lines, there's a Ditch Witch locating system to help you verify the locates. From our lightweight, hand-held units to the exceptionally versatile and accurate UtiliGuard™ locating system, Ditch Witch locating systems help improve your efficiency and, more importantly, your safety.



DIRECTIONAL DRILLS

Ditch Witch vacuum excavators provide support for our industry-leading horizontal directional drills. From the compact JT5 to the heavy-duty JT100 Mach 1, there's an unbeatably efficient Ditch Witch directional drill for every type of jobsite and installation size.



PARTS AND SERVICE

Your Ditch Witch dealer is your source for factory-trained service and the genuine Ditch Witch parts you need for your vacuum excavation system, including lawn sweepers, suction tools, extensions, filters, spray nozzles, and other accessories that enable you to complete a wide variety of tasks.

