



FX20 VACUUM EXCAVATOR



VACUUM EXCAVATION

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1

150-gallon (568-L) vac tank is mounted permanently at a 45-degree angle, making the dumping cycle quick and easy.

6

Cyclone separator cleans the air before it ever reaches the filter, minimizing maintenance.



5

Outstanding suction power of 540 cfm (15.3 m³/min) in a compact, extremely durable package; belt-driven blower is reliable and easy to maintain.

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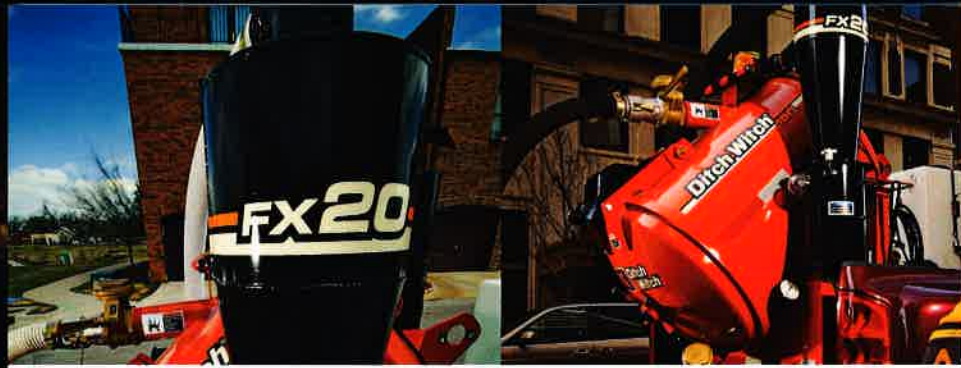
Skid-mounted FX20 can fit in the back of a pickup truck, on a flatbed trailer or a specially designed Ditch Witch trailer.

3

27-hp (20.1-kW) Kohler® gas engine is renowned for its reliability and ease of maintenance.

2

Curbside operator's console is designed to make controls easily accessible; console can be positioned on either side of the unit.



The 27-hp (20.1-kW) **Ditch Witch® FX20 Vacuum Excavator** is perfect for a wide range of projects and multiple short runs per day: municipal projects such as valve box cleanout, commercial and residential debris cleanup and landscaping, exposing utility lines, posthole digging, and many other tasks. We made the FX20 small so you can transport it in the back of your truck, but it still has big-time suction power.

WE'RE IN THIS TOGETHER.



FX20 VACUUM EXCAVATOR SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS		
TRAILER		
Length	174 in	4.42 m
Width	86 in	2.18 m
Height	93 in	2.36 m
Weight, empty	2,576 lb	1168 kg
Trailer GVWR	4,500 lb	2041 kg
Axle rating	4,500 lb	2041 kg
SKID		
Length	109 in	2.77 m
Width	63 in	1.6 m
Height	74 in	1.88 m
Weight, empty	1,594 lb	723 kg
POWER		
Engine	Kohler® CH740S	
Fuel	Gasoline	
Cooling medium	Air	
Injection	Carburetor	
Aspiration	Natural	
Number of cylinders	2	
Displacement	44 in³	725 ml
Bore	3.27 in	83 mm
Stroke	2.64 in	67 mm
Manufacturer's gross power rating (SAE J1940)	27 hp	20.1 kW
Rated speed	3,600 rpm	
Fuel tank capacity	10 gal	38 L

	U.S.	METRIC
VACUUM SYSTEM		
Blower displacement	540 cfm	15.3 m³/min
Drive type	Belt	
Vacuum, max	15 in Hg	381 mm Hg
Hose	3 in	76 mm
Vacuum tank capacity	150 gal	568 L
Outlet valve size	4 in	102 mm
Tank inlet valve size	4 in	102 mm
Tank dump angle, max/fixed	45°	
Filter type	Washable polyester	
Filter area	74 ft²	6.9 m²
Water trap capacity	4.5 gal	17 L
WATER SYSTEM		
Water tank capacity	80 gal	303 L
Water pump flow	2.6 gpm	9.8 l/min
Water pump pressure, max	3,000 psi	207 bar
Clutch type	Electric w/auto de-clutch and low water shut down feature	
Hose reel (locking)	50 ft	15.3 m
BATTERY		
Group	12V	
SAE reserve capacity rating	41 min	
SAE cold crank rating @ 0°F (-18°C)	340 amps	
NOISE LEVEL		
Sound power	110 dBA	
Sound pressure per ISO	84 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.

FIND THE SUPPORT YOU NEED AT YOUR LOCAL DITCH WITCH® DEALER:



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.

