

FXT AIR VACUUM EXCAVATORS



KEY FEATURES/BENEFITS

DUAL AIR PRESSURE SYSTEM allows the operator to switch instantly from high pressure for excavating jobs to low pressure for use of auxiliary air tools.

ENDLESS EXCAVATION CAPABILITY is not limited by fresh water availability. Air excavation uses dry spoils to backfill the hole when the job is done, eliminating the time and expense of liquid spoils removal.

INCREASED CFM AND PRESSURE promotes performance and productivity. Unique Ditch Witch® design utilizes efficient transfer of power, eliminating lag times.

AIR AND HYDRO SYSTEMS allow operator to utilize either function depending on the demands of the jobsite and changing conditions. This versatility increases productivity and efficiency.

PTO DRIVEN AIR COMPRESSOR provides air on-demand. Advanced mechanical design leverages power already available in the truck without requiring additional horsepower to run components.

CHOICE OF AIR SYSTEMS

- Series 10-200 cfm and 200 psi.
- Series 12-300 cfm and 250 psi.

**FXT30, FXT50,
FXT65**
AIR VACUUM EXCAVATORS



FXT AIR VACUUM EXCAVATORS SPECIFICATIONS

DIMENSIONS	FXT30 800 GAL SPOILS/400 GAL WATER	FXT50 800 GAL SPOILS/400 GAL WATER	FXT65 800 GAL SPOILS/200 GAL WATER
Length	214.3 in (5443.2 mm)	214.3 in (5443.2 mm)	214.3 in (5443.2 mm)
Width	96 in (2438.4 mm)	96 in (2438.4 mm)	96 in (2438.4 mm)
Height w/boom	93 in (2362.2 mm)	93 in (2362.2 mm)	93 in (2362.2 mm)
GVWR	33,000 lb (14968.5 kg)	33,000 lb (14968.5 kg)	33,000 lb (14968 kg)
DIMENSIONS (TANDEM AXLE)	800 GAL SPOILS/400 GAL WATER	800 GAL SPOILS/400 GAL WATER	800 GAL SPOILS/400 GAL WATER
Length	235.3 in (5976.6 mm)	235.3 in (5976.6 mm)	235.3 in (5976.6 mm)
Width	96 in (2438.4 mm)	96 in (2438.4 mm)	96 in (2438.4 mm)
Height w/boom	93 in (2362.2 mm)	93 in (2362.2 mm)	93 in (2362.2 mm)
GVWR	52,000 lb (23586.8 kg)	52,000 lb (23586.8 kg)	52,000 lb (23586.8 kg)
POWER			
Engine	Kubota® D1105-E3B	Deutz® D2011L03I	Deutz TD2.9L4
Fuel	Diesel	Diesel	Diesel
Cooling medium	Water	Oil	Water
Aspiration	Natural	Natural	Natural
Number of cylinders	3	3	4
Manufacturer's gross power rating	24.8 hp (18.5 kW)	49 hp (36.5 kW)	74 hp (55 kW)
Emissions compliance	EPA Tier 4/EU Stage IV	EPA Tier 4/EU Stage IIIA	EPA Tier 4/EU Stage IIIB
Rated speed	3,000 rpm	2,600 rpm	2,600 rpm
Fuel tank capacity	15 gal (56.8 L)	25 gal (94.6 L)	25 gal (94 L)
VACUUM SYSTEM			
Air flow	500 cfm (14.2 m³/min)	1,020 cfm (28.8 m³/min)	1,215 cfm (34.4 m³/min)
Vacuum, max	15 in Hg (381 mm Hg)	16 in Hg (406.4 mm Hg)	16 in Hg (406.4 mm Hg)
Vacuum tank capacity	500/800 gal (1893/3028 L)	500/800 gal (1893/3028 L)	500/800 gal (1893/3028 L)
Tank outlet valve size	6 in (152 mm)	6 in (152 mm)	6 in (152 mm)
Filter type	Washable polyester	Washable polyester	Washable polyester
Filter area	100 ft² (9.3 m²)	100 ft² (9.3 m²)	100 ft² (9.3 m²)
Suction hose	3 in (76.2 mm)	4 in (102 mm)	4 in (102 mm)
WATER SYSTEM			
Water tank capacity	200/400 gal (757/1514 L)	200/400 gal (757/1514 L)	200/400 gal (757/1514 L)
Water pump flow	4.2 gpm (15.9 l/min)	5.1 gpm (19.3 l/min)	5.5 gpm (20.8 l/min)
Water pump pressure, max	3,000 psi (207 bar)	3,000 psi (207 bar)	3,000 psi (207 bar)
Antifreeze system	50/50 water/antifreeze mix	50/50 water/antifreeze mix	50/50 water/antifreeze mix
Pressure hose length (locking reel)	50 ft (15.3 m)	50 ft (15.3 m)	50 ft (15.3 m)
HYDRAULIC SYSTEM	Gear pump	Gear pump	Gear pump
BATTERY			
SAE reserve capacity rating	110 min	195 min	195 min
SAE cold crank rating @ 0°F (-18°C)	800 amps	950 amps	950 amps
Electrical system	12V	12V	12V
NOISE LEVEL			
Sound power	105 dBA	110 dBA	112 dBA
Sound pressure	73 dBA	82 dBA	83 dBA

FXT AIR SYSTEM SPECIFICATIONS

	10 SERIES	12 SERIES
Air flow	200 cfm	300 cfm
Operating pressure, toggle switch	100 or 200 psi	100 or 250 psi
Air hose	3/4 in, 50 ft	1 in, 50 ft
Weight	650 lb	1,200 lb

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.