



# HXT

## HYDRO VACUUM EXCAVATORS



### FEATURES & BENEFITS

#### POWERFUL PAYLOAD

Designed with maximum tow and payload capacity in mind, the HXT line lets you do heavy-duty work without a CDL.

#### EFFECTIVE FILTRATION SYSTEM

A three-stage filtration system provides industry-leading protection from filter buildup for greater productivity.

#### IMPROVED WATER SYSTEM

Reverse flow simplifies spoils removal, helping you offload quicker and easier, while new black tanks prevent algae growth.

#### PRODUCTIVITY ON ANY SIZE CLEANUP

With the choice of a 500-, 800-, or 1,200-gallon spoils tank, the HXT gives you the options to fit any size cleanup job. Plus, you can operate the control valves remotely for improved productivity.

#### ACCESSIBILITY UPDATES

A wireless, hydraulically powered boom with 270-degree rotation extends up to 14 feet (4.3 m). Tank functions are also controlled remotely, including closing/opening the door and raising/lowering the tank.

# HXT HYDRO VACUUM EXCAVATOR SPECIFICATIONS

## DIMENSIONS

	<b>HXT30</b> 500 GAL SPOILS/80 GAL WATER	<b>HXT50</b> 500 GAL SPOILS/200 GAL WATER	<b>HXT75</b> 500 GAL SPOILS/200 GAL WATER
Length - vacuum	218 in (5.54 m)	232.1 in (5.90 m)	232.1 in (5.90 m)
Width	96 in (2.44 m)	96 in (2.44 m)	96 in (2.44 m)
Height	84.4 in (2.14 m)	87.9 in (2.23 m)	87.9 in (2.23 m)
Weight, empty	6,240 lb (2830 kg)	8,640 lb (3919 kg)	9,008 lb (4086 kg)
Weight, empty (VT9)	6,290 lb (2853 kg)		
Trailer GVWR	9,999 lb (4535 kg)	17,000 lb (7711 kg)	17,000 lb (7711 kg)
	<b>500 GAL SPOILS/200 GAL WATER</b>	<b>800 GAL SPOILS/200 GAL WATER</b>	<b>800 GAL SPOILS/200 GAL WATER</b>
Length	232.1 in (5.9 m)	269.4 in (6.84 m)	269.4 in (6.84 m)
Width	96 in (2.44 m)	96 in (2.44 m)	96 in (2.44 m)
Height	84.2 in (2.14 m)	88.2 in (2.24 m)	88.2 in (2.24 m)
Weight, empty	6,020 lb (2731 kg)	9,610 lb (4359 kg)	10,000 lb (4536 kg)
Trailer GVWR	12,000 lb or 14,000 lb (5443 kg or 6350 kg)	20,000 lb (9072 kg)	20,000 lb (9072 kg)
	<b>500 GAL SPOILS/200 GAL WATER</b>	<b>800 GAL SPOILS/400 GAL WATER</b>	<b>800 GAL SPOILS/400 GAL WATER</b>
Length	232.1 in (5.9 m)	269.4 in (6.84 m)	269.4 in (6.84 m)
Width	96 in (2.44 m)	96 in (2.44 m)	96 in (2.44 m)
Height	84.2 in (2.14 m)	110.2 in (2.8 m)	110.2 in (2.8 m)
Weight, empty	7,698 lb (3492 kg)	10,443 lb (4737 kg)	10,830 lb (4912 kg)
Trailer GVWR	17,000 lb (7711 kg)	24,000 lb (10886 kg)	24,000 lb (10886 kg)
	<b>800 GAL SPOILS/400 GAL WATER</b>	<b>1200 GAL SPOILS/300 GAL WATER</b>	<b>1200 GAL SPOILS/300 GAL WATER</b>
Length	269.4 in (6.84 m)	269.4 in (6.84 m)	269.4 in (6.84 m)
Width	96 in (2.43 m)	96 in (2.44 m)	96 in (2.44 m)
Height	88.7 in (2.25 m)	110.2 in (2.8 m)	110.2 in (2.8 m)
Weight, empty	8,538 lb (3873 kg)		
Trailer GVWR	24,000 lb (10866 kg)	26,000 lb (11793 kg)	26,000 lb (11793 kg)

## POWER

	<b>HXT30</b>	<b>HXT50</b>	<b>HXT75</b>
Engine	Kubota® D1105	Kubota® D1803-CR-TE4B	Kubota® V3307-CR-T-E5B
Fuel	Diesel	Diesel	Diesel
Manufacturer's gross power rating	24.8 hp (18.5 kW)	49 hp (37 kW)	74.3 hp (55.2 kW)
Emissions compliance	EPA Tier 4 (EU Stage IIIB)	EPA Tier 4 (EU Stage IIIA)	Tier 4 (EU Stage V)
Cooling medium	Liquid	Liquid	Liquid
Aspiration	Natural	Direct	Turbo
Number of cylinders	3	3	4
Rated speed	3,000 rpm	2,700 rpm	2,600 rpm

## FLUID CAPACITY

	<b>HXT30</b>	<b>HXT50</b>	<b>HXT75</b>
Fuel tank capacity	25 gal (94.6 L)	30 gal (113.6 L)	30 gal (113.6 L)
Engine oil	5.2 qt (4.9 L)	8 qt (7.6 L)	12 qt (11.4 L)
Hydraulic reservoir	6.3 gal (23.8 L)	10 gal (37.9 L)	10 gal (37.9 L)
Hydraulic system	7.75 gal (29.3 L)	12 gal (45.4 L)	12 gal (45.4 L)
Water pump oil	0.47 qt (0.4 L)	0.7 gal (0.7 L)	0.7 gal (0.7 L)
Cooling system	1.25 gal (4.7 L)	2.6 gal (9.8 L)	2.8 gal (10.6 L)

## VACUUM SYSTEM

	<b>HXT30</b>	<b>HXT50</b>	<b>HXT75</b>
Air flow	512 cfm (14.5 m³/min)	1,005 cfm (28.5 m³/min)	1,315 cfm (37.2 m³/min)
Vacuum, max	15 in Hg (381 mm Hg)	16 in Hg (406 mm Hg)	16 in Hg (406 mm Hg)
Vacuum tank capacity	500/800 gal (1893/3028 L)	500/800/1200 gal (1893/3028/4542 L)	500/800/1200 gal (1893/3028/4542 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	73 ft² (6.8 m²)	73 ft² (6.8 m²)	73 ft² (6.8 m²)
Suction hose	3 in (76 mm)	4 in (102 mm)	4 in (102 mm)

## WATER SYSTEM

	<b>HXT30</b>	<b>HXT50</b>	<b>HXT75</b>
Water pump flow	4.2 gpm (15.9 l/min)	5.3 gpm (20.1 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)

## HYDRAULIC SYSTEM

	<b>HXT30</b>	<b>HXT50</b>	<b>HXT75</b>
Flow rate	3.6 gpm (14 l/min)	5.5 gpm (21 l/min)	7.5 gpm (28 l/min)
Pressure	2,500 psi (172 bar)	2,500 psi (172 bar)	2,500 psi (172 bar)

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.

