

1300VX

VACUUM EXCAVATOR SERIES



1300VX model shown.

FEATURES

- » Patented Viper Pothole Tool available – the fastest, cleanest, easiest-to-use pothole gun in its class.
- » Power by CAT or KUBOTA – unexcelled performance and reliability.
- » Positive Displacement Vacuum Pump – rugged and high performance.
- » Premium silencer package – reduced noise complaints.
- » Compact low profile – good visibility for your driver and stability in rough locations.
- » Rugged construction the way a contractor needs it – heavy duty frames and largest axle capacity in its class.
- » Balanced design with optimum tongue weight – easy on your trucks.
- » Reverse flow is standard – fast tank emptying, blow obstructions out of vacuum hose and back flush the filters for quick-easy cleaning.
- » Unique single handle door latch design for easier, faster opening and closing.

AN IDEAL MACHINE FOR

- » Potholing – safely dig test holes in the ground to locate buried utilities for horizontal directional drills.
- » Safe utility locating and/or daylighting.
- » Clean out storm drains, catch basins and valve boxes.
- » Cleaning up drilling fluids and mud.
- » General construction site cleanup.
- » Keyholing or utility microsurgery.
- » Environmental cleanup – everything from hurricane aftermath to oil spills.
- » Slot trenching.

1300VX VACUUM EXCAVATOR SERIES

FEATURES	1300VLX	1300VX	1300VX HICFM
Mountings	Trailer, truck & skid mounting available	Trailer, truck & skid mounting available	Trailer, truck & skid mounting available
Spoils Capacity (gallons / liters)	1,300 gallons / 4921 liters	1,300 gallons / 4921 liters	1,300 gallons / 4921 liters
Water Capacity (gallons / liters)	2 x 250 gallons / 2 x 946 liters	2 x 250 gallon / 2 x 946 liters	2 x 250 gallon 2 x 946 liters
Optimum & Balanced Tongue Weight (lbs / kg)	Less than 1,200 lbs / 544kg	Less than 1,300 lbs / 590kg	Less than 1,360lbs / 617kg
Engine	31 Hp OHV Twin air-cooled gasoline	42 Hp CAT diesel / 64 Hp Kubota diesel; Tier 4F	60/74 Hp CAT diesel / 64 Hp Kubota diesel ; Tier 4F
Fuel Tank Capacity (gallons / liters)	8 gallons / 30 liters	29 gallons / 110 liters	29 gallons / 110 liters
Premium Silencer Kit w/ Insulated Enclosures and High Performance Silencers	Standard, Premium available	Standard	Standard
Warranty	1 year	1 year	1 year

OPERATOR CONTROLS

Controls Location	Front curbside with lockable cabinet	Front curbside with lockable cabinet	Front curbside with lockable cabinet
Hour Meter / Tachometer / Vacuum Gauge	Standard / Available / Standard	Standard	Standard
Water Supply Reel	Rear Curbside	Rear Curbside	Rear Curbside
Load Level Indicator and Auto Shutoff	Auto Shutoff Only	Sight Glass & Auto Shutoff	Sight Glass & Auto Shutoff
Reverse Flow	Available	Standard	Standard
Winterize Kit	Standard	Standard	Standard

SPOILS TANK DETAILS

Hydraulic Hoist Unload	Single cylinder	Single cylinder	Single cylinder
Full Opening Rear Door	Hydraulically operated	Hydraulically operated	Hydraulically operated
Rear Door Latch	Single handle, power door lock available	Single handle, power door lock available	Single handle, power door lock available
Inlet Valve Size / Drain Valve Size	4" / 6"	4" / 6"	4" / 6"

TRAILER DETAILS - HEAVY DUTY 10" C-CHANNEL FRAME

Trailer / Hitch Type	Triple Axle Low Profile / Pintle	Triple Axle Low Profile / Pintle	Triple Axle Low Profile / Pintle
Height / Length / Width (feet / inches)	88" x 23' x 110"	95" x 23' x 110"	95" x 23' x 110"
Empty Weight (lbs / kg)	10,230 lbs / 4640 kg	10,410 lbs / 4722 kg	10,480 lbs / 4754 kg
Gross Vehicle Weight Rating (lbs / kg)	31,160 lbs / 14134 kg	31,160 lbs / 14134 kg	31,160 lbs / 14134 kg
Axle Capacity	3 x 10,000 lbs	3 x 10,000 lbs	3 x 10,000 lbs
Tire Size	235/75 R 17.5 Load Range H	235/75 R 17.5 Load Range H	235/75 R 17.5 Load Range H
Trailer Brakes	Never adjust electric	Never adjust electric	Never adjust electric

VACUUM PUMP / BLOWER DETAILS

Vacuum Pump / Blower Type	Positive displacement lobe pump	Positive displacement lobe pump	Positive displacement lobe pump
CFM/ Max Hg	600 CFM / 15" / Positive Displacement Blower	600 CFM / 15" / Positive Displacement Blower	1,000 CFM / 15" / Positive Displacement Blower
Max Vac Level - in Hg	15	15	15
Reverse Flow	Available	Standard	Standard
Cyclo-Separator Air Filter - Optional Type / Capacity	Cyclo-Separator with 3 micron filter, 6,300 sq in capacity (optional)	Cyclo-Separator with 3 micron filter, 12,500 sq in capacity (optional)	Cyclo-Separator with 3 micron filter, 16,750 sq in capacity (optional)
Back Flush Filter Cleaning	Available	Standard	Standard

WATER SYSTEM DETAILS

Water Pressure / Water Supply	3,000 psi / 4.9 gpm	4,000 psi *factory set @ 3,500 psi / 6 gpm	4,000 psi *factory set @ 3,500 psi / 6 gpm
Electronic Low Water Shut-Off	Standard	Standard	Standard
Auto Water Pump Unloader to Reduce Engine Loading & Wear	Standard	Standard	Standard
Water Pump Drive	Belt w/ Electric Clutch	Belt w/ Electric Clutch	Belt w/ Electric Clutch
Water Supply Hose	50' x 3/8" ID	50' x 3/8" ID	50' x 3/8" ID
Water Supply Reel Location	Rear curbside	Rear curbside	Rear curbside
Easy-to-Use Winterize System	Standard	Standard	Standard

OPTIONS

Patented Cyclo-Jet Pothole Excavator – Stainless or Dielectric	Available	Recommended	Recommended
Curbside Remote Auxiliary Hydraulics	Available on HiCFM only	Available on HiCFM only	Optional
Hydraulic Remote Controlled Boom	Available on HiCFM only	Available on HiCFM only	Optional
Lighted Arrow Bar to Direct Traffic	Optional	Optional	Optional
Removable Water Heater	Optional	Optional	Optional
4" Vac Hose	Available on HiCFM only	Available on HiCFM only	Optional
Sewer Jetter Kit	Available on HiCFM only	Available on HiCFM only	Optional