

Lynn A. Buckner
P.O. Box 609 Chickamauga, GA. 30707

Patented

WWW.THEPOWERVAC.COM

Hydro-Vac

EXCAVATOR



CLEAN VALVE
AND METER BOXES

423.413.7823

Hydro-Vac EXCAVATOR

REMOTE
CONTROLLED
VACUUM AND
POTHOLING BOOM



- FOUR INCH VACUUM BOOM
- UTILITY POWER PLANT
- REMOTE CONTROLS
- VALVE EXERCISER

BY:

Hydro-Vac-Excavator Co.



- VACUUM 16" Hg
- WATER 4,000 PSI
- JETTER
- HYDRAULICS - SOLIDS
- LIQUID - SEPERATOR
- LIQUID DECANT
- GENERATOR 120V
- WELDER 200 Amp
- AIR COMPRESSOR



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ENGINE :

- Deutz 49 HP, air-cooled Diesel Engine
- Kohler 30 HP, Gas Engine

VACUUM :

- 800 or 500 CFM of air at 13 or 16" Hg.
- FILTRATION- 0.5 Micron Wet/Dry filters which are washable and reusable
- DEBRIS TANK- 276 or 525 gallon holding capacity with high-level float shut off. Top hinged, full opening rear door, which simultaneously empties and gives access to both the debris tank and the filter housing. Debris tank is rigid mounted at a fixed slope for gravity unloading. *(Patented design)*

PRESSURE WATER SYSTEM :

- GIANT PUMP rated 5 GPM at 4,000 PSI, or 10 GPM at 3,000.
- 300 or 400 gallon fresh water holding tank.
- Boom mounted 5 or 10 GPM 3,000 PSI Excavator (patented)
- Anti-freeze system
- Water tank Fire Hydrant Fill Line

JETTER :

- 10 Gpm, 3,000 PSI, Clean 10" Dia. Pipes, Root Cutter
- Powered remote controlled 300' Hose Reel

UTILITY POWER PLANT:

AUXILIARY HYDRAULICS :

- Hydraulic tools may be connected to the auxiliary hydraulic quick-connects which provide 11GPM at 2,500PSI.
- Twin Hose auto retract Hose Reel & Boom mounted connections
- Jack Hammer, Concrete Saw, Core Drill, 300gpm pump

GENERATOR:

- 120 Volt, 3,500 Watt, and Cord Reel

WELDER :

- 200 Amp. Stick or HeliArc

AIR COMPRESSOR :

- 50 or 100 CFM, 125 to 175 PSI Rotary Screw
- Auto retractable air hose reel

BOOM :

- 4" Vac, Water, Hyd, & Air
- Powered with wireless remote controlled articulation
- Auto Valve selection between 4" Boom Vac & 3" hand operated vacuum wand. *(Patented)*
- 4" Vac on Boom uses hands free anti-clogging, Water or Air Excavator. *(Patented)*
- Boom has 3' to 12' reach in 300 Degrees
- A Hyd. Torque Wrench, or Post Driver, may be attached.

SOLIDS - LIQUID SEPARATOR:

(Patented)

- Solids are separated from liquid within the debris tank
- Decant 60 GPM of liquid from the debris tank as you work leaving dried solids in the debris tank to be emptied.
- Decant Hose Reel and 20' of dispensing hose
- Recycle surface cleaning Liquid.

TRAILER-

- 7,000 lb. GVM Single or Double axle with electric brakes
- 2 5/16" 8,500 lb. Trailer hitch
- CONTROLS- mounted curb side



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ENVIRONMENTAL
CLEAN & RECOVERY
Incline-Vac

Dual axle trailer / 4 Wheel Breaking

2 - 38hp Kohler engines

A 16" Hg Vacuum unit rated at 500 cfm.

A 180 Deg. Water heater @ 5 gpm

2 - 5 GPM 3,600 psi pumps- Providing 5 or 10GPM output

Recovered water is filtered and passes through screens and hydrocarbon absorption before being pumped out / recycled

A 200 Gal. clean water tank

A 3,500 Watt, 120 volt generator for operating tools & lights

A 25 CFM Air compressor to operate air tools

A 150 Gal Vacuum Tank for debris & dirty water - with a powered rear door opening to gain access for cleaning

An 80psi 20 GPM diaphragm dirty Liquid decant pump

A 1/2" -225' 4,000psi pressure Electric hose reel

A 3/4" - 125' electric Hose reel for the water fill

A 3/4" -200' electric Hose reel for dirty water decanting

A 250' hose reel for 2" Vacuum hose

Hydrant hook up to fill the 200gal water reservoirs

High and low level water cut off switches

Antifreeze system

2 - 5 gal plastic chemical holders

PH/temp tank indicators

Full Instrument panel

Patented Process
Property of Lynn A. Buckner

