

Incline-Vac

UTILITY

Excavator

Patented



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7,503,134 & 6,988,568 & 6,453,584
Pending App. # 61/277,201 & 12/592,142 &
12/653,871 & 11/809,957 & 12/584,441
& 10/810,908 & 10/624,868



Valve Exerciser-Vac

See our **Video** at: Incline-Vac.com

The Incline-Vac with its options can:

- Safely Hydro-Vacuum excavate to locate a buried utility;
- Clean a valve box or meter box by using its hydro-vacuum excavation system;
- Excavate, replace or reset a damaged valve box or meter box;
- Remove asphalt or concrete from above and around a valve box using the hydraulic driven jack hammer or concrete saw;
- Use the 300 GPM hydraulic driven submersible pump to remove large volumes of water from a pit or meter box;
- Exercise 4"- 60" utility valves using the hydraulic driven valve exerciser torque wrench;
- A remote controlled, articulated, powered boom with 13 feet of reach is used to position the valve exerciser torque wrench on to the utility valve;
- For those hard to reach places on the other side of the fence or ditch; The hydraulic powered torque wrench can reach and exercise valves up to 40 feet from the Incline-Vac;
- The Valve exerciser will count the number of rotations with an accuracy of 1 tenth of a rotation and measure the torque required for each tenth of a rotation while opening and closing the utility valve;
- The Valve-X™ Electronic data gathering system is a fully automated data gathering and storage system, which only requires the operator to log in with an RFID tag and punch in an identifying number for the valve that is being exercised.
- The Valve-X™ Electronic data gathering system uses the RFID tag to identify who the operator is and start the data gathering function. The GPS documents the date, starting time, latitude, longitude, elevation, & valve exercising completion time; sensors log the torque and count the rotations with an accuracy of 1 tenth of a revolution. The GPS accuracy is about 1 meter, which verifies which valve is being exercised. All data is stored on a thumb drive. At the end of each day's work the thumb drive can be used for transferring the valve exercising data to a centralized GIS utility mapping system.
- Exercise a fire hydrant and use the onboard fire hydrant diffuser to flush and test fire hydrants and de-chlorinate the water.

