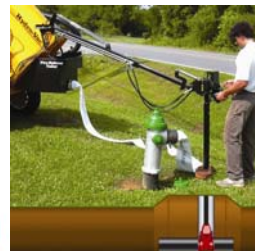


Incline-Vac

UTILITY

Excavator

Patented



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U.S. Patent # 7,644,523 & 7,604,023 &
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 & Hydrant Tester

See our Video at: Incline-Vac.com

Skid Steer Valve Exerciser with its options can:

- Easily, quick couple to a skid steer and use the skid steer's auxiliary hydraulics for powering the hydraulic driven valve exerciser which is mounted on an articulated boom arm which will extend up to 10ft from the skid steer and swivel over 250 degrees.
- Exercise 4"- 60" utility valves using the hydraulic driven valve exerciser torque wrench;
- Easily preset a maximum safe torque for the valve size being exercised. Choose a maximum torque from 50 to 1,000ft.lb.
- A single thumb lever allows the operator to easily throttle the speed of rotation, apply torque as needed and select the direction of rotation.
- A remote control, articulated, powered boom with 10 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 35 feet from the Skid Steer;
- The Valve exerciser electronic package 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 automated electronics data gathering system will document the start to finish time and identify the person operating the valve exerciser via an RFID tag reader; As well as document the work site longitude / latitude location and elevation using GPS;
- The automated electronics data gathering system stores the data on a USB flash drive;
- The documented valve exercising data may then be displayed on a Personal Computer in user friendly graphs and be store with your GIS water system mapping data.
- Use the powered articulated boom arm, valve exerciser and fire hydrant diffuser to flush and test fire hydrants. And De-Chlorinate the water.

