

Incline-Vac

UTILITY

Excavator



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Patented



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

MORE than a Valve Exerciser

The Valve Exerciser-Vac Special Features

- Self cleaning vacuum air filters;
- Non clogging vacuum wand with high velocity suction nozzle;
- Deep vacuum at 10" or 16" of Hg.
- Water pump rated at 4.7gpm @ 3,000psi;
- 100 gal. to 200 gal. of fresh water storage;
- Ultra fast turbo-pulse nozzle excavation;
- UHMW vacuum tank protection coating;
- Remote controlled powered vac door with powered locking;
- Powered vac tank unloading drag bar;
- User friendly storage of vac hose, vac wand and all tools;
- Powered remote control boom arm;
- Valve exerciser torque wrench, with a pre-set able torque range from 50ft. lb. to 1,000 ft. lb. of torque;
- Valve exerciser rotation speed is adjustable(0-30 rpm) with a thumb controlled throttle;
- Valve exercising Data documenting is automatically stored onto a flash drive;
- 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, when the exercising started and when it is complete. The GPS documents the time and date as well as the latitude, longitude and elevation; sensors log the torque and count the rotations with an accuracy of 1 tenth of a revolution;
- Data is transferred to the GIS mapping system via a flash drive.
- The Torque wrench head will swivel over 90 degrees in order to loosen and open a fire hydrant cap or align with an in ground valve which is crooked.
- The powered boom telescopes and articulates up and down as well as horizontally in order to reach and align with a utility valve even if it is over a fence or in a ditch.
- The valve exerciser torque wrench will also reach valves up to 40 feet from the exerciser; Great for exercising valves that are far across a ditch and fence.
- Has the added feature of flushing & testing fire hydrants and De-Chlorination;
- The valve exerciser head does not require an adapter in order to fit a fire hydrant.
- Compact and safe to tow! The water tank & vac tank are directly over the axle.
- The Inclined tank design reduces liquid slosh by reducing the surface area of the stored liquid.
- Baked on powder coat paint.

SEE our Valve Exerciser Vac in **ACTION** at Incline-Vac.com