

Incline-Vac

UTILITY

Excavator

Patented



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



Model 150 Incline-Vac Valve Exerciser

30 Hp Kohler air cooled engine with 12 volt electric start
Controls, water fill, and pressure wash hose reel on curb side
150 gal. incline vacuum tank
Remote operated powered rear opening vacuum tank door
500 cfm @ 14" Hg belt drive positive displacement wet / dry vac
81 sq. ft. of .5 micron vacuum filter
5' long X 3" non-conductive vacuum wand with anti-clogging design
30' of 3" vacuum hose
150 gal. water storage tank
4.7gpm @ 3,500psi water pump with 12 volt electric clutch
Anti-freeze system
Hose reel with 50ft of 3/8" hose
5' long water wand with a turbo pulse digging nozzle
3' long water wand with wash down nozzle
3,500 GVWR trailer with torsion axle and 12V electric brakes
5 lug 15" wheels with 205/75R15
Aluminum tool box 36"W x 20"D x 17"H
Strobe light & work lights



Hydraulic powered Valve Exerciser on a 12' powered articulated Boom Arm

300 degree travel, 12ft. Reach, articulated telescoping boom arm
Boom arm counter balanced for user friendly operation
0- 450 ft. Lb. torque wrench head. Max torque is preset for the size valve.
5-60 rpm variable speed valve exercising with rotation counter & rotation direction indication
Torque wrench head swivel up to 90 degree. Also exercise fire hydrants & open discharge
Telescoping valve key for 4' to 7' plus extensions as needed.
Quick extension to allow valve exercising up to 35ft from the vac trailer.
8gpm @ 2,000 psi auxiliary tool circuit to operate a jackhammer, submersible pump, etc.
User friendly Jackhammer stand

Upgrade to 1,000 ft.lb. torque and powered remote control boom arm **Valve exercising data collection & storage**

A microprocessor controller will count the revolutions to open & close the valve and measure the torque for each revolution. The valve data, operator information and time of service will also be logged in. Maximum torque achieved will also be noted.
Data will be transferred to a flash drive and personal computer.

Add a power plant enclosure for the engine, blower, water pump, and hydraulic system.

Also includes sound reduction insulated side walls & easy access doors
upgrade to a 38HP kohler engine and 500CFM blower @ 16" Hg
upgrade to a 36HP Diesel engine
Upgrade to a 49HP Deutz Diesel plus 800cfm blower & 10 gpm water pump

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