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FlowMaster

SPECIFICATIONS FOR 25 HP DIESEL POWERED, TRAILER MOUNTED VACUUM, HIGH PRESSURE WATER, HYDRAULIC VALVE EXERCISER AND FLOW TESTING WITH AUXILIARY HYDRAULICS COMBINATION UNIT

This unit will be used to clean valve cans with high-pressure water and vacuum. Hydraulically operates below grade valves, and fire hydrants up to 400 feet pounds of torque, also be able to control flush water system up to 2,500 GPM. Auxiliary hydraulics system is capable of operating various other hydraulic tools. Vac-Tron model FM150SDT or approved equal

- 150 Gallon Vacuum/Debris Tank Mounted at 45 Degrees angle (No Hydraulic Pump Accepted)
- 120 Gallon Fresh Water Tank Intergraded into Vacuum Tank
- 25 HP Diesel Engine Electric Start
- 500 CFM x 15 hg Vacuum Pump
- 3 GPM x 3000 PSI High Pressure Water Pump – 3000 PSI
- One 3 ft. Low Pressure Adjustable Fan Water Wand & Gun
- One 5 ft High Pressure Rotary Nozzle Water Wand & Gun
- 25 ft 2" Vacuum Hose with 5' Dielectric Wand (No Camlocks)
- All High Pressure Hoses and Vacuum Hoses are to be stored on side arm coils
- 3 Gallon Anti Freeze Systems with Single Valve Operation
- DOT Amber Strobe light with 2 Halogen Work lights
- 18 x 18 x 36 Aluminum tool box
- Rear Door of Vacuum Tank is to be opened & locked by an Internal Mechanism
- Filtration – 33 square ft. – 1 Filter Media (Baghouse) 1 Micron, Washable, Reusable, no Paper or Foam Cartridges

Valve Exerciser:

- Capable of Reaching Valve 10' ft. from either side and rear of Trailer (270 degree total movement)
- Capable of Hydraulically open and close Valves up to 400 ft. lbs. Torque x 50 RPM
- Hydraulically operate Fire Hydrants
- Hydraulically Remove Hydrant Caps
- Extension necessary / to operate a Valve 9' ft Deep
- Directional Controls at Head of Exerciser
- Variable Hydraulic Pressure
- Gauge to determine Hydraulic Pressure to determine Torque required to operate Valve
- Rotation Counter (built in)
- Built in Pressure to Torque Conversion Chart up to 400 ft. lbs.

Hydraulic System:

- Auxiliary Hydraulics to Run Hydraulic Tools
- 8 GPM x 2000 psi
- 50' ft Twin 3/8 Hydraulic Hose with quick connects
- All necessary Tanks and Filters

Flushing Unit:

- Must have established Resistance to determine Flow and Pressure Readings.
- To be built from Corrosive Resist Materials
- 15 ft. of 5" Fire Hose with Couplings
- Built in Pressure to Flow Chart up to 2500 GPM
- Must Drop Water in Street without Erosion

Trailer:

- 2" Ball
- 4 Way Plug
- Aluminum Fenders with Built in Lights
- 3500 GVW
- Torsion Axles
- White Spoke Rims
- Lighted Tag Bracket
- Wheeled Swing away Jack Stand
- 4 Bolts unbolts Vacuum Unit from Trailer to make Skid Mounted Unit

Other:

- Unit must come with 4 Bolts. Detach from Trailer to make a Skid Mounted Unit.
- Baghouse must empty the same time as Debris Tank
- Certain Items may be Subject to Patent Protection