



Cleaning Tractor:-

Cleaning under ground pipes either used in sewage or Agriculture by pushing a hose having a nozzle in the front. The nozzle will push the water backward a jet makes (a forward force which is enough to pull the hose through the obstacles) the backward high pressure water will break down the obstacles and demolish them in the stream of water.

Jetting Pumps

- Piston jetting pumps.
- Triplex or Quintuple piston.
- 10 to 120 Gallon/M & 1000 to 5000 PSI.
- Strainer at the inlet of the pump.
- Located at low level.
- Withstands to work dry for short time.
- Relief valve to protect pump system.
- Driven the PTO of the Tractor.

Water tank (Option)

- 1500 liter water tank capacity
- Galvanized or optional stainless steel.
- Baffles inside to reduce the water inertia
- Alarm at low water level.
- Water sealed connections
- Fittings for filling, vents drain & level indicators.
- Strainer at pump inlet.
- Automatic shut off engine at very low water level (optional)

Frame

- Reliable beams properly welded
- The system is built on a sub frame fastened to the trailer chassis by suitable amount of fasteners.

Tractor requirements:

- 45 hr power or more on P.T.O
- hydraulic pump to operate hydraulic circuit

Hose Reel:

- Hose reel located in front of the tractor.
- 1" Sewer cleaning hose up to 120m.
- Hydraulically driven front or rear.
- Directly driven by Hydraulic Motor.
- Hose guide.
- Hose metering range or footing system (optional).
- Complete selection of Nozzles.

Power transmission:

- Jetting pump operates directly from the PTO.
- Hydraulic pump to operate a hydraulic circuit to rewind the hose reel.
- Sufficient cooling for oil even in tropical conditions (option).
- Optional Hydraulic transmissions to drive the jetting pump which is clean and easy to maintain and avoids any mechanical miss alignment.

Washing Hose:

- Located on top of the frame.
- Cleaning hand gun with shut off valve.
- Complete with washing gun & nozzle
- 10 meters length ¾" diameter

Jetting Nozzles:

- Many types of nozzles.
- Revolving nozzles.
- Replaceable Nozzle holes (option)

Sewer cleaning cable system (option)

- 2 meter Mechanical cable sections can reach up to 60m
- Different types of saws in the cable front tip.
- To ensure cleaning of the sewage pipe.
- The cable is rotated by Hydraulic motor.
- The control valve would rotate the Motor clock wise & anti clock wise.
- The Hydraulic motor torque is adjusted by the relief valve to protect the operator in case the cable would be stuck with a heavy obstacle.
- The caret is powered by the hydraulic system of the truck via a 20m long Hydraulic Hose reel with automatic retract.
- The caret has a handle so the operator could push it to the front & rear like a baby wagon to push the sewer cable into the sewage pipe.

Servicing:

- Easy to reach any component

Electric System:

- Color Coded wires.

Oil Cooling: (option)

- used in hot environments
- Must be used in case of sewer cleaning cable.

Paints

- The frame is sanded.
- 3 layers of paints
- The system components are treated to withstand rust, corrosion in sewage.
- Any special color
- Heavy duty oil cooler.

Controls & Indicators

- Fixed control and optional Remote 10 meters (option).
- Oil temperature, level & pressure (option).
- Oil Pressure relief valve.
- Alarm for oil max pressure.
- Jetting water pressure relief valve adjustment.
- Jetting pump start/Stop
- Jetting water pressure
- Hose reel wind, rewind
- Water Level indicator alarm (option)

Tool Box:

- To keep the tools and nozzles

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