

ENSOL™

3-IN-ONE MACHINE

MANHOLE DE-SILTING WITH JETTING CUM SUCTION MACHINE



ENSOL MULTICLEAN EQUIPMENTS PRIVATE LTD.

MANHOLE DE-SILTING WITH JETTING CUM SUCTION MACHINE

ENSOL 3-In-One Machine is equipped with the following three most important functions essential for De-silting and Cleaning Sewer Manholes and Sewer Lines.

- De-silting Grabber
- Vacuum Suction Operation
- High Pressure Water Jetting Operation

This 3-In-One machine is a small and compact vehicle mounted machine. It is utilized for De-silting & cleaning of manhole chamber by grabbing arrangement as well as by suction operation. This machine is also utilized for cleaning of sewer line and removal of sewer blockage by Operating High Pressure Water Jetting.

The Machine is:

- Very Compact.
- Effectively works in Narrow Lanes.
- Easy to Operate & Maintain.
- Equipped with all functions required for Effective Sewer Line cleaning.

VEHICLE

Truck Chassis - Minimum 4500 Kgs GVW. The Vehicle is capable to move in narrow lanes / by lanes.

TANK DETAILS

Water tank is made from FRP material. Sludge tank is fabricated from 5 mm thick M.S sheet conforming to IS-2062. To make it corrosion resistant, the tank interior is coated with 2 coats of superior quality anti-corrosive grey epoxy paint.

- Total Tank Capacity - 1600 Liters
- Water Tank Capacity - 1000 Liters
- Sludge Tank Capacity - 600 Liters

DRIVE ARRANGEMENT

Full torque Heavy Duty PTO is provided for Hydraulic pump operation and driving the jetting and suction pump.

JETTING PUMP

Triplex plunger pump with Flow rate of minimum 60 LPM and pressure up to 130 bar.

VACUUM PUMP

- Rotary vane type Positive displacement Vacuum Pump.
- Free air flow capacity-156 cum/hr
- Max. Vacuum: 92%, Max pressure: 1.5 bar

DESILTING GRABBER MACHINE

- The De-Silting Grabber Machine is able to go to a depth of Up to 8-9 Mtrs.
- Safe load Up to 20 Kgs.
- Sewing angle of 90 degree on both side. Boom lifting angle of up to 45 degree.

SILT HOPPER

The hopper has a capacity of Minimum 1Cu.M with hydraulic tipping arrangement.

ACCESSORIES

- Suction Hose: 75 mm dia, 3.0 mtrs Long 5 Nos Hoses with quick release clamp
- Jetting Hose: 12.7mm I.D X 10 mtrs long

ENSOL MULTICLEAN EQUIPMENTS PRIVATE LTD.

722-724, Element Mall, DCM, Ajmer Road, Jaipur-302021, Rajasthan (India)

Phone: +91-8440049298, +91-8440049293 | E-mail: contact@ensolindia.com | Website: www.ensol.co.in

