

**ENSOL™**

# MOBILE OIL SPILL RECOVERY UNIT



**ENSOL MULTICLEAN EQUIPMENTS PRIVATE LTD.**

## MOBILE OIL SPILL RECOVERY UNIT - MOSRU

The vehicle mounted Mobile Oil Spill Recovery Unit is robust in construction and is used for syphoning out oil, water, grit etc. from slop tanks, leaking pipelines, excavated pits etc by Vacuum Suction. The unit is capable of siphoning out oil as well as water from a minimum depth of 8 meters.

## PRIME MOVER

**Truck – Minimum 16 tonne GVW, 4300 mm Wheel Base**

The suction unit (vacuum pump, hydraulic pump etc.) runs on the power transmitted from vehicle engine through its P.T.O. Unit (Power Take off Unit)

## SLUDGE TANK

**Tank Capacity – 6000 Ltrs.**

The Vacuum Sludge tank is cylindrical in shape and is fabricated from 6mm thick mild steel. The tank is provided with emptying door at the rear, which is opened and closed on hinges by hydraulic system. The rear cover has locking arrangement and also has suction valve of 100 mm Dia . A suitable full-length acrylic sight glass integrated with the tank is also provided to observe the product level in the tank.

## VACUUM PUMP

The Equipment is provided with a Rotary Positive Displacement type, Injection Air Cooled Vacuum Pump having displacement capacity of minimum 800 cubic meter/hour and capable of producing upto 90% Vacuum and 1.0 bar discharge pressure. The vacuum pump is designed to create vacuum, as well as work as air compressor for blow back during discharge.

## HYDRAULIC SYSTEM

The hydraulic system consists of oil reservoir, Hydraulic pump powered by truck PTO, pipeline with connected hoses, filter, control valve for operation of hydraulic function for opening and closing of tank door, tank tipping, Derrick Arm Rotation, lowering / lifting and light mast up/down operation.

## SUCTION HOSE

- Material is sucked through 100 mm Internal diameter x 4.0 meter length suction hoses, which are connected with Quick-fix Cam - Lock coupling.

The Equipment is also provided with:

- Emergency lighting system- Electric generator, Light Mast, etc.
- Traffic Control Equipment.
- First Aid Box

### ENSOL MULTICLEAN EQUIPMENTS PRIVATE LTD.

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