

# VAC-JET TRUCKS



# VACUUM TRUCKS

ENSOL Vacuum Trucks are specially designed for Liquid Waste Suction, Transportation and Disposal. The Unit is suitable for suctioning Silt / Slurry / Sludge from Cesspits, Septic Tanks, Sewer Manholes Etc.

Drive System: The Equipment gets power from the Truck Engine. The Vacuum Pump is hydraulically driven through the Power Take – Off Unit. The engaging and disengaging of the PTO is controlled from Driver’s Cabin.

Tank and Super Structure: Cylindrical Tank with Dished Ends is provided with Rear Door Opening Arrangement for Sludge Discharge, Suction and Discharge Valves, Level Indicator Etc.

Vacuum Pump: JUROP Italy / MORO Italy. Air Cooled Rotary Vane Pump incorporated with Check Valves and 4-Way Valve for Vacuum Suction / Pressure Blow Back. The Pump is capable of achieving 90% Vacuum and Pressure of 1.5 Bar.



## VACUUM TRUCK TECHNICAL DATA

MODEL	ENSOL VT-3	ENSOL VT-8	ENSOL VT-10
Tank Volume	3000 Liters.(3 Cum.)	8000 Liters.(8 Cum.)	10000 Liters.(10 Cum.)
Tank & Super Structure Material	Tank - Carbon Steel / Stainless Steel ( Optional ) Super Structure – Carbon Steel		
Rear Door Opening	Manual / Hydraulic	Hydraulic	Hydraulic
Sludge Discharge	Blow Back & Tipping (Optional)	Blow Back & Tipping	Blow Back & Tipping
Vacuum Pump	Air Cooled Rotary Vane Pump with 4-Way Valve for Blow back		
Free Air Flow	430 – 550 Cum/Hr.	550 – 720 Cum/Hr.	720 Cum/Hr. or More
*Suction System can also be offered with Heavy Duty Roots Type Vacuum Pump ( Optional )			
*Free Air Flow	600 Cum/Hr. or More	1000 Cum/Hr. or More	1500 Cum/Hr. or More
Suction Hose	75 mm. X 15 Mtrs.	100 mm. X 15 Mtrs.	100 mm. X 15 Mtrs.
Truck chassis	4 X 2		
G.V.W	Min. 7500 Kgs.	Min. 15000 Kgs.	Min. 18000 Kgs.

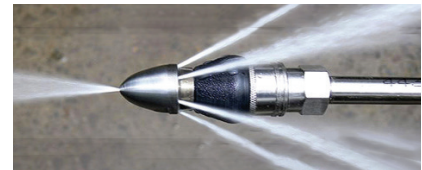
# COMBINED VAC-JET TRUCK

ENSOL Combined VAC-JET Truck with Suction and High Pressure Water Jetting is designed to Remove Heavy Blockages, De- Silt and Clean Sewer Network and Manholes.

High Pressure Jetting Pump – UDOR Italy / PRATISSOLI Italy. The High Pressure Jetting Pump is a Heavy Duty Positive Displacement Triplex Reciprocating Plunger Pump. The Pump with suitable rated discharge capacity and maximum pressure is provided as per Design and Operational Requirement. The Pump is fitted with suitable safety cum pressure regulating unloader valve in the high-pressure line to protect from excess pressure. A suitable water filter is provided between the water tank and high-pressure pump to prevent sand and dirt entering into the high-pressure pump.

Jetting Hose and Hose Reel Drum-The High Pressure Jetting Hose of suitable Diameter & Length to withstand maximum working pressure and various operating forces during winding and unwinding operations is provided. The hose is mounted on a Hose Reel Drum located on the rear of the equipment and is driven through a hydraulic motor for winding and unwinding.

High Pressure water Jetting Nozzles-Set of Specially Designed High Efficiency Jetting nozzles are provided.



## COMBINED VAC-JET TRUCK TECHNICAL DATA

MODEL	ENSOL VJT-6	ENSOL VJT-8	ENSOL VJT-11
Total Tank Volume	6000 Liters.( 6 Cum.)	8000 Liters.( 8 Cum.)	11000 Liters.( 11 Cum.)
Fresh Water	3000 Liters.( 3 Cum.)	4000 Liters.( 4 Cum.)	5000 Liters.( 5 Cum.)
Sludge	3000 Liters.( 3 Cum.)	4000 Liters.( 4 Cum.)	6000 Liters.( 6 Cum.)
Tank & Super Structure Material	Tank - Carbon Steel / Stainless Steel (Optional) Super Structure – Carbon Steel		
Rear Door Opening	Manual / Hydraulic	Hydraulic	Hydraulic
Sludge Discharge	Blow Back & Tipping (Optional)	Blow Back & Tipping	Blow Back & Tipping
Vacuum Pump	Air Cooled Rotary Vane Pump with 4-Way Valve for Blow back		
Free Air Flow	430 – 550 Cum/Hr.	550 – 720 Cum/Hr.	720 Cum/Hr. OR More
	*Suction System can also be offered with Heavy Duty Roots Type Vacuum Pump ( Optional )		
*Free Air Flow	600 Cum/Hr. or More	1000 Cum/Hr. or More	1500 Cum/Hr. or More
Suction Hose	75 mm. X 15 Mtrs.	100 mm. X 15 Mtrs.	100 mm. X 15 Mtrs.
High Pressure Pump	Triplex Plunger Pump for High Pressure water Jetting		
Flow & Pressure	135 Lpm – 130 Bar.	220 Lpm – 140 Bar.	260 Lpm – 140 Bar.
Water Jetting Hose	19 mm. X 60 Mtrs.	25 mm. X 120 Mtrs.	25 mm. X 120 Mtrs
Truck chassis	4 X 2		
G.V.W	Min. 11000 Kgs.	Min. 15000 Kgs.	Min. 18000 Kgs.

Aerial Platform



Road Sweeping Machine



Truck Mounted Vacuum Loader



Fire Fighting Vehicle

**ENSOL**<sup>TM</sup>  
**ENVIRONMENTAL SOLUTIONS**

*(An ISO 9001:2015 Company)*

**ENSOL MULTICLEAN EQUIPMENTS PRIVATE LTD.**

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