

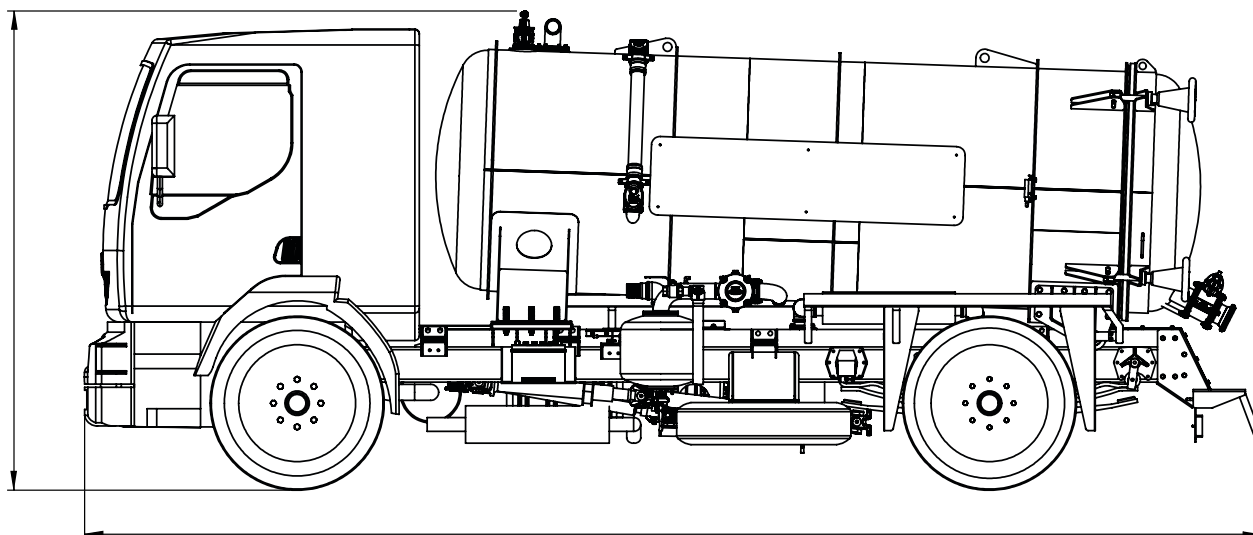


Sewerage Cleaning Vacuum Tankers

Hazardous and Non-hazardous
Liquid Waste Handling



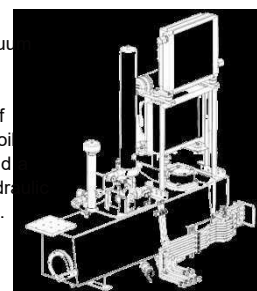
Typical Layout – 7000 Liter



Model Description	Mini	Small	Medium	Large
Chassis Weight (in tonnes)	5	9	18	28
Tank Capacity (Liters)	2500	4500	7000	
Vacuum Pump Flow (Liters)	3600	9000	12,000 - 15,000	20,000 - 25,000
Drive	PTO			
Door Clamping	Hydraulic			
Tailgate Opening / Closing	Hydraulic			
Pump Silencer w/ De-Oiler	Yes			
Pump Filter	Yes			
Pressure Relief Valve	Yes			
Vacuum Safety Valve	Yes			
Tank Secondary Cut-off	Yes			
4” inlet / outlet valve				
Hose Tray	Yes [on left]			
Tool Box	Yes, suitably located			
Working Lights	Yes			
Optional Upgrades				
Tank Tipping	No	Yes		
Suction Boom	No		Yes	
Small Water Hose Reel	No	Yes		
Diaphragm Pump	No	Yes		
De-watering Pump	No		Yes	
Proportional CAN Controls	No		Yes	
Suction Hose Reel	No		Yes	

Optional Hydraulic Vacuum tank tipping group..

Consisting on a base of hydraulic oil tank, with oil cooler for the pump, and suitable location for hydraulic cylinder for tank tipping.



The suction boom is designed to withstand (relative) vacuum/pressure -1 / +4 bar. The solenoid valve coils have a consumption of approximately 1 A in the 24V version and approximately 2 A in the 12V versions.

The suction boom is designed to allow for a maximum rotation angle of 300° and a maximum telescopic extension of 1350mm.

Available versions

The suction boom is available in various versions that are distinguished by the following parameters:

- Suction hose connection manifold diameter available in the DN100, DN125, DN150 and DN200 versions;
- Type of activation of the suction line shutter valve, available in the hydraulic and pneumatic versions;
- Type of power supply, available in the 12 V and 24 V versions.

DESCRIPTION

The new MSV Series range is engineered and manufactured to be toughest and most reliable machine on the market, with options such as hydraulic tailgate opening and hydraulic clamp tailgate locking mechanism comes as standard. the MSV range can be manufactured to fit on any internationally available chassis brands and the vacuum pump brand we prefer is Jurop SpA and can the MSV can be tailor manufactured to your suitable needs with wide array of options to choose from that can make your work environment safe and user friendly. Also available as a combined VacJet unit.

The new MSV range are ready to face the challenges.

Standard Features – MSV Series

PRV & Snifter Valve

These are highly safety critical components. As the name implies pressure relief valve maintains a set pressure and the Snifter valve doesn't allow any excessive vacuum then set vacuum level. This also is used to cool pump by letting air in.

Hydraulic Tailgate Locking & Opening/Closing

These features come as standard on all of our vacuum and combined VacJet trucks. Makes it user friendly and ultimately a quicker job.

Primary Protection & VSV

Fitted on the top of vehicle. Suction air inlet will be fitted with automatic shut-off valve to avoid tank from overfilling and attached with Vacuum Safety Valve to avoid over vacuum.

De-oiler & Silencer

The De-Oiler helps in removing oil from the exhaust before it is released to the atmosphere, thereby keeping the environment clean and the silencer is installed to keep the noise levels environmentally and human friendly.



Inlet and Outlet 4" Ball Valve and Gate Valve

Very reliable valve with NBR Seals for perfect vacuum and pressure cooling. Also Equipped with Nickel plating

ensures smooth operation without any jamming problem.

Bigger particles which are suspended in air stream are removed there by protecting the pump from any damage caused. Also this acts as additional cut-off if Primary cut-off in tank fails.

These are high efficient filters which protect the pump by stopping the dirt entering the pump. A longer pump life can therefore be expected by using our state-of-the-art filters.

These pumps are Imported from Italy and have Heat resistant vanes for Long life. They also come with INJET cooling for longer continuous operation.

MCV Series – Combined VacJet

The MCV Series by MERAJ gives the best of both worlds in one machine, engineered and manufactured using the best approved materials, combined vacjet's are available as Small, Medium and Large options, having all the standard features with Italian plunger jetting pump, hence saving cost and being user friendly.

Contact sales person at sales@meraj.com to know more.





merajlimited

Meraj Limited

@merajint

@merajlimited

MERAJ Limited

Plot No 11, Sector 15,
Korangi Industrial Area,
Karachi-74900, Pakistan.

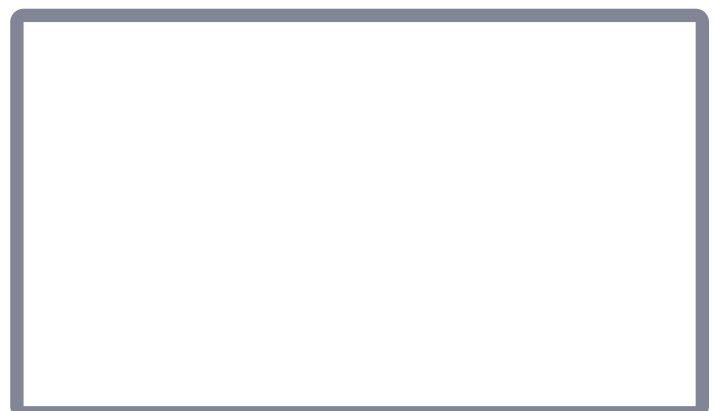
Tel: +9221-35050145/6

Fax: +9221-35060663

E-mail: sales@meraj.com

www.meraj.com

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