

Our passion, Your satisfaction



Combined Equipment

Made tailored to your needs

ISO 9001:2015



Combined Equipment



The Mottola Combined System (Cesspit Emptier plus Jet Cleaner) makes it possible to carry out vacuum cleaning of septic tanks and sewers while washing and cleaning sewage pipes with a high-pressure water jet.

This system is for all customers whose work involves emptying septic tanks and cleaning out sewage systems.

We aim to meet the requirements of different kinds of customers and so we have developed an extremely robust and high-quality product.

Each tank contains two smaller tanks divided by a perfectly water-tight partition. The front tank is for clean water, while the rear tank is for sludge and has a hydraulically operated rear opening.

On request, we can also supply our customers with the following equipment: tank with movable internal base to vary internal tank capacities according to specific requirements; central tank only for sludge with two clean stainless steel water tanks at the side, bolted to the chassis

We can provide tanks in carbon steel and stainless steel (flowered finish on request).

Tank capacities range from 1,000 to 20,000 liters.

We can set up the combined Mottola on 2, 3 or 4-axle chassis, on semi-trailers or hook-lift system.

The motion of the pumps (vacuum, high pressure) and of the services is obtained from a power take-off of suitable performance; while the semi-trailer or hook-lift solution allows the movement of the pumps by means of an auxiliary motor of suitable power, which makes it autonomous and quite versatile.

Our wide range of vacuum pumps and high-pressure pumps allows our customers to choose the one that best suits their specific working requirements and vehicle.



Highlighted Details

Certifications Available



Tipper Tank



Suction Boom



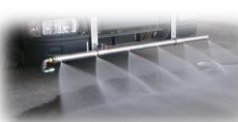
Side Tanks



Radio Remote Control



Street Washing Bar



Jetting Hose Reel



Control Panel



High Pressure Pump



Vacuum Pump



Lobe Roots Pump



Our equipments are like tailored clothes, sewn to fit the customer.

It is possible to customize your equipment with additional accessories and any kind of aesthetic variation.

Technical Specifications



Tank capacity	2-Axle Truck (18 to)	3-Axle Truck (26 to)	4-Axle Truck (32 to)
Sludge tank capacity	5500 - 7300	10000 - 11400	12750 - 15000
Water tank capacity	2700 - 5300	3000 - 5600	3200 - 5500
Wheelbase (mm)	3690 - 4300	3100 - 4500	4300 - 5300

Operation and control

- ♦ Control panel towards the rear of the vehicle
- ♦ Radio remote control with all the relevant operating functions
- ♦ OPT. Pushbutton with 10mt. of cable

High-pressure water system

- ♦ High-pressure pumps with flow rates of 68 l/min and 50 bar up to 410 l/min and 170 bar
- ♦ Jetting hose reel at side with manual or hydraulic drive for HP hoses of ½" to ¾", with manual or forced winding
- ♦ Jetting hose reel at rear with hydraulic drive for HP hoses of ¾" to 1¼"; with hydraulically slewable or fixed mounting including forced winding
- ♦ Hydraulic pivoting side hose reel
- ♦ Winter protection for temperatures of -5° to -20° C
- ♦ Sludge compartment flushing system

Vacuum system

- ♦ Rotary vane vacuum pumps with water cooling and air flow rates of 900 m³/h to 3200 m³/h
- ♦ Rotary piston vacuum pumps with air flow rates of 1250 m³/h to 6400 m³/h
- ♦ Rear suction hose reel hinged, suction hose reel on tank in simple construction or with hose boom, for suction hoses with a diameter of 80, 100, 120 or 150 mm
- ♦ Various hydraulic suction boom types in 4", 5", 6", as basic or extended version

Realizzazione della cisterna

- ♦ Tank in carbon steel or stainless steel
- ♦ Tank structure with individual tank layout
- ♦ Tipping system for complete emptying of the sludge tank
- ♦ Fixed or openable rear tailgate



Configurations



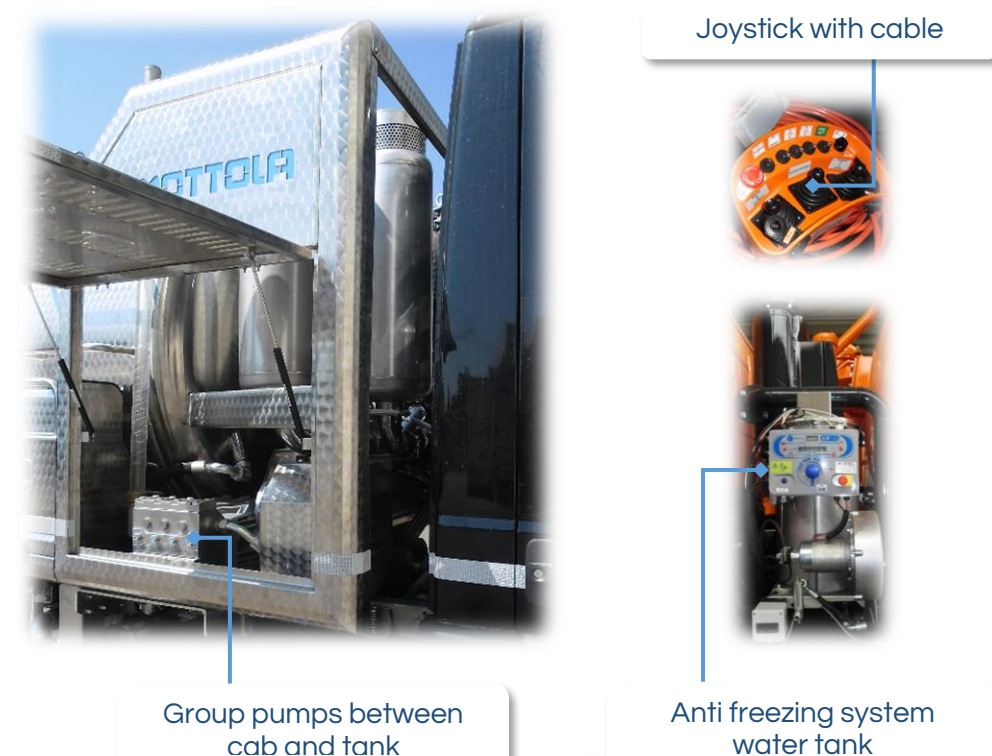
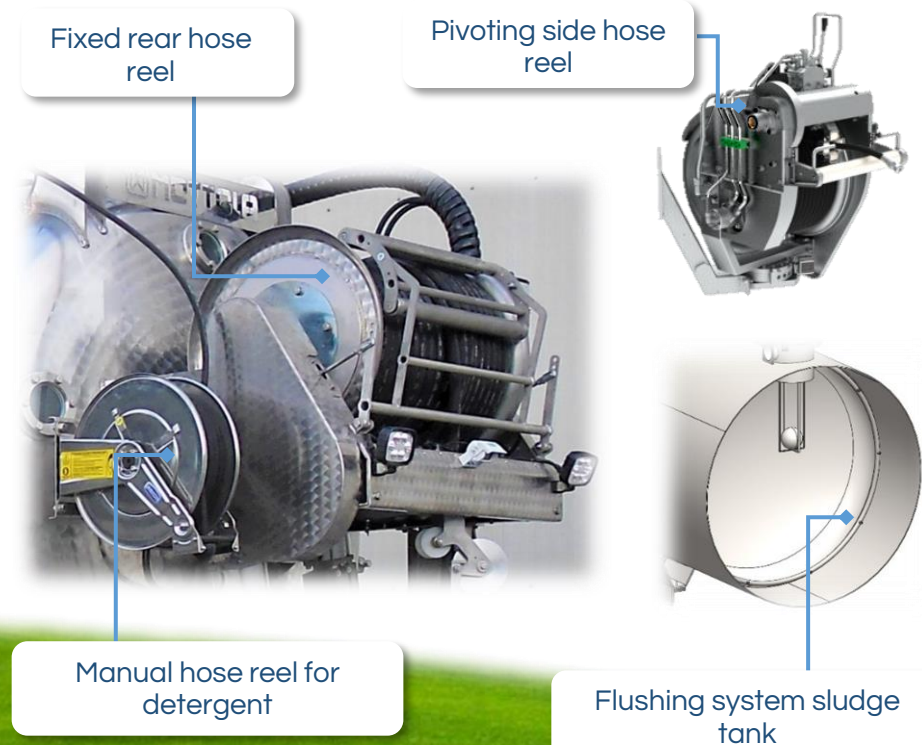
Tank with mobile partition for a modular subdivision of the water and sludge compartments



Fresh water in front section of the tank, with permanent separation from sludge tank



Fresh water in side-mounted water tanks in stainless steel





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