RIBALTABILE

MODEL	Vasca Ribaltabile
CAPACITY	**from 4 to 8 m³**
VEHICLE	**IVECO, MITSUBISHI, ISUZU**
	(in base of the request of a client, also can be built on other vehicles where it's possible making it)

Officine **Pilla**
urban vehicles

Vasca Ribaltabile has been designed for the careful and transport of waste in small municipalities and in a difficult access areas, from the support satellite to the large compactors.

The container has a capacity of 4 to 8 m³ and it has been designed to allow the transfer of waste in compactors and/ or fixed stations.

Made entirely of S255J and S355J Steel sheet (or on request in AISI 304, Strenx 700, Hardox 450 or Aluminum stainless Steel). Completely electro welded with continuous wire. On the right side of the tank there is a door equipped with hinges, locking hooks and rubber protections.

The front wall of the tank is raised above the side walls in order to protect the vehicle cabin. The lifting of the tank is given by the multi-wire hydraulic cylinder which allows the body to overturn by about 90 ° and the stability of the vehicle on the ground when unloading is guaranteed by two double-acting hydraulic cylinders that work as stabilizers.
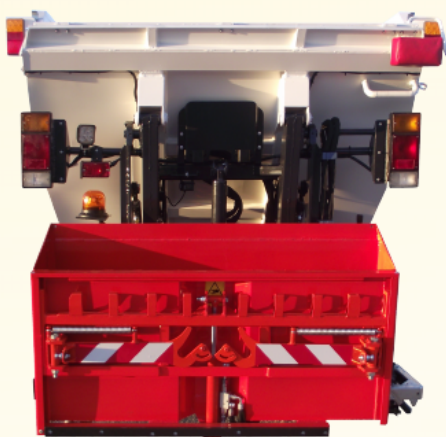
The standard version is equipped with of time bins mod. **Barracuda** with double rack for 80/120/240/360 bins and DIN 30.700 attachment forks for 660/1100 containers. The device works by four rotation points that allow the container to be verticalized up to the end of the stroke of the cylinders where the rotation takes place for emptying the entire contents of the tank without spreading waste outside.

Zero leakage of the conduit, the distributors and the valves used are positioned on all workplaces.

The controls of the equipment are located in the cabin.

On request it is possible to mount:

a manual or automatic cover with PVC sheet, box turn arms, Bologna connection for containers from lt. 1300/1700, container vault arms DIN 1300/1700 connection, hydraulic bag applied to the container vault and/ or fixed basket applied to the container turner, double door, shovel and broom support, tilting covered opener device, rear camera and monitor in cabin, check control, equipment in the cockpit, toolbox, one or two approved operator platforms .

Bag of S355J with comb and bbin-turner arms

Rise of the tank of 90°

Vasca Ribaltabile has a MCTC testing and is guaranteed for 24 months from the testing date

After the warranty period, the *Officine Pilla*, are able to supply spare parts and any other maintenance.

The equipment complies with the machinery directive 2006/42 **CE** and **EN**1501 and subsequent modifications with relative marking.

Built with high quality materials according to production processes subjected to quality controls according to the standards: **UNI EN ISO** 9001: 2015 and the environmental management system is regulated according to the standards **ISO** 14001: 2015.

OPTIONAL:

Vasca Ribaltabile equipment equipped with functions that make it "**INDUSTRIAL MACHINE 4.0**"

The equipment is equipped with an **M251 PLC** with double Ethernet port, one of which is connected to the modem router for remote connection and the second to the operator panel (both located in the cabin). The **PLC** is installed in the compacting control panel located on the right side rear of the vehicle (see photo 1);

photo 2

The **PLC** is able to provide a multiplicity of information that can be displayed on the latest generation control panel mod. **MAGELIS SCHNEIDER 7.5** "LCD touch screen, (see photo 2)

The data that can be displayed are:

- Blade opening;
- Trolley return;
- Blade closing and trolley exit;
- Raised/ Lowered tank;
- Vault bins for out of shape;
- Extended stabilizing feet/ re-entering;
- Oil temperature;
- Hour counter.

photo 1

ALLARM:
- Emergency Stop;
- High temperature hydraulic circuit oil;
- pressure switches malfunction.

Also, the data relating to the work cycles are stored:

- Number of cycles of shovel and constipatio trolley;
- Number of bins turn cycles;
- Number of discharge cycles.
- The cycles also store up to 20 times the uses of the Emergency Stop buttons. (see photo 2)

All the data appearing on the operator panel can be extrapolated from the **PLC** remotely by username and password, this is possible thanks to a modem router **RUT230 3G** which with a special dedicated **SIM** it allows both the connection, the visualization of the data and the necessary information and for the remote assistance that modification of the software.

In addition the router is equipped with **WI-FI** technology that can be used within the range of signal coverage where from your smartphone and / or tablet via **IP** address it is possible to connect and display all data. (photo 3)

photo 3

All the equipment has been designed and observes the **MODBUS tpc-ip** protocol on **ETHERNET** and a unique **IP** address.