

mini press



MODEL
CAPACITY
VEHICLE

mini Press
from 5 to 10 m³
Nissan, Mitsubishi, Iveco, Isuzu
(in base of the request of a client, also can be built on other vehicles where it's possible making it)

Officine
urban vehicles



mini press

- It's made by S255J and / or S355J steel, Strenx 700, Aisi 304 Stainless Steel, Hardox 450 or Aluminum;
- Continuously welded and watertight structure;
- Volumetric capacity from 5 to 10 m³ approximately;
- Full coverage of the tank to prevent waste volatility during the transfer phase;
- The constipation equipment is composed of a cold shaped sheet steel shovel with a tine fork;
- Constipation trolley that slides on guides made in the side walls of the tank;
- Electro-hydraulic operation composed of electrically controlled dynamic oil groups managed and coordinated by a PLC;
- The handling controls in the equipment are located on the rear right side of the body and in the driver's cabin (up/down), including buttons and selectors for compacting operations with single, continuous and manual cycle and reverse function.

Discharge of waste with 90 ° overturning system of the tank with free landfill or in vehicles with universal mouth compactor.

Standard accessories: stabilizers placed behind the vehicle with dynamic oil control.

For vehicles above 35 tons of MTT, there is a rear view camera with an LCD monitor in the cabin, a warning light in the cabin for signaling raised body and PTO inserted.

Buzzer in the cabin to signal raised body.

External reverse buzzer.

Safety props for maintenance operations.

Double rotating homologated orange lights.

Emergency stop buttons on all work areas.

Parachute valves on the body cylinders.

Adhesive education labels.

Use and maintenance manual.



PVC bag



Rise of the tank of 90°



Lateral side of mini Press on "FUSO"

On request it is possible to assemble: container vault arms, **Bologna** connection for IT 1300/ 1700 containers, container vault arms **DIN1300/ 1700** connection, hydraulic bag applied to the container vault and/ or fixed container applied to the container vault, double door, blade support and broom, tilting covered opener device, equipment control control in the cockpit, tool box, one or two homologated operator platforms.

The equipment complies with the **Machinery Directive** 2006/ 42 **CE** and **EN1501** and subsequent amendments with relative marking.

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

OPTIONAL:

mini Press 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** inch 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

ALLARMI:

- 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 **W1-F1** 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.