

COMBINED MACHINE: SIDE LOAD BIN WASHER +
REFUSE COLLECTION TILTING TANK

**COMBITEC: SIDE LOAD MANUAL BIN WASHER WITH REAR TILTING TANK
WITH PLATE FOR COLLECTION FOR 240 TO 1100 LITRE BINS,
2 AND 4 WHEELS**



The combined bin washer **COMBITEC** is the union of two Tecme machines: Tecsat and Side 1000. It combines the technology developed in the rear load systems for collection and in the side load systems for washing. The union of two established technologies makes of Combitec a simple machine in terms of use and maintenance. Side loading: at first rear loading for emptying and then side loading for washing. The part dedicated to collection is a tipping tank with plate, compaction and lid opening device 1100. The part dedicated to washing is a side loading system with stainless steel plate and washing chamber, with free bottom to facilitate cleaning at the end of the shift. Internal washing is performed through sector self-rotating heads to reduce water consumption. The heads are controlled by a robot that allows to enter the bin and at the same time to wash the inner lid and the discharge edge. External washing is realized by means of oscillating or translating bars to reach any surface. All the parameters are programmable via keyboard controls and managed with password.

TECHNICAL SPECIFICATIONS

- 2 or 3 axle setup.
- Plate comb coupling bins, diamond system or DIN arms.
- Bin lifter and washer, washing chamber and tank in stainless steel Aisi 304.
- Collection binlifter in heavy duty steel.
- Heavy duty or stainless steel collection tank. Compaction system in heavy duty steel.
- Washing chamber with free bottom for quick washing of the machine.
- Internal and external washing in sequence or simultaneously.
- Tank from 4000 to 5000 litres also with water recycling filter.
- CANBUS electronics with diagnostics.
- **Hydraulic oil system:** the power is obtained from the PTO

with high quality pumps. The entire system has been improved: oil tank with adequate volume, heat exchanger, filters and proportional hydraulics enable the machine to perform fluid movements with simple and reliable systems.

- **Electrical system:** The PLC manages all the functions of the machine with the software which we have designed and developed according to the needs of the customer. In the cab the controls are all reachable on a control panel to the side of the driver. All parameters and alarms are displayed on the colour display.
- **Water system:** 1 or 2 high pressure pumps (50-100 L/min 160 bar) Hot water, disinfection, internal and external washing.
- Wide range of options.

