

COMBI RS

TOP LOADER MACHINE



GENERAL DESCRIPTION

- The COMBI RS mobile compaction and washing unit for municipal solid waste bins is the result of extensive industry expertise, offering high versatility and low operating costs for the automated compaction and washing of waste containers.
- Specifically developed exclusively for the collection of organic waste only.
- Designed in a rear-loading configuration for mounting on 16t to 26t chassis, it stands out by providing a complete system for both waste collection and internal bin washing.



TECHNICAL CHARACTERISTIC

- **Hydraulic system:** draws power from pumps installed on the vehicle's Power Take-Off (PTO). It includes a high-capacity tank, a heat exchanger, and filters, with safety valves installed throughout the entire circuit.
- **Electrical system:** managed by an IP56-rated control unit that regulates all hydraulic movements. An in-cab touchscreen panel allows the operator to set timing and parameters, access configuration menus, and view alarms.
- **Water system:** the high-pressure system consists of a stainless steel tank, filters, and a high-pressure pump (48 L/min, 160 bar). Internal washing is performed by two robots equipped with self-rotating heads.
- **Compaction system:** a blade-and-slide compaction system designed with a low compaction ratio, specifically engineered for the handling of organic waste only.



KEY FEATURES

- **Front Systems Compartment:** allows for the housing of large components while keeping them fully protected from weather and environmental elements.
- **Manual Washing Lance:** located at the rear, it ensures ease of use and allows for thorough machine cleaning at the end of each shift.
- **Loading System:** distinguished by its vertical bin lifter with top-loading functionality (toploader)
- **Cycle Times:** the equipment stands out in the market for its exceptionally short cycle times