

SRB35

REAR LOADER BIN WASHER MACHINE

GENERAL DESCRIPTION

- The SRB35 mobile washing unit for municipal solid waste containers is the result of extensive and specific industry experience gained both in Italy and abroad.
- Developed in collaboration with our customers, this unit marks the birth of a new segment in bin washing technology.
- For this operational unit, we have engineered a new monoblock design to ensure lightweight construction.
- Thanks to its compact dimensions, our equipment is ideal for navigating historic city centers and areas with limited space, while consistently delivering high performance in terms of operational autonomy.

TECHNICAL CHARACTERISTIC

- **Hydraulic system:** power is drawn from a pump installed on the gearbox PTO or via a customer-provided PTO. This technological solution is equipped with various components, including a large oil reservoir, a heat exchanger, and a series of filters and valves.
- **Electrical system:** fully equipped with all necessary electrical protections, all machine functions are managed by an automotive-grade control unit. In the cab, the operator has access to a control panel for primary commands and a touchscreen display for machine regulation and parameter settings. The display is password-protected and allows for the monitoring of system diagnostics and various data points, such as operating hours and the number of bins washed.
- **Water system:** the standard high-pressure pump delivers 21 l/min at 160 bar. A bypass system is included to discharge water flow when the machine is active but not in operation. Since the washing cycle consists of three phases, a dedicated water valve manifold directs the flow to different sections of the system as required. Inside the washing chamber, two cleaning heads—utilizing a 180° cone spray directed toward the bottom of the bin—ensure thorough internal cleaning.

KEY FEATURES

- This system is designed for mounting on 3.5t chassis. Thanks to this feature, the machine covers a more accessible market segment, as it can be operated with a standard Category B driver's license.
- To reduce overall weight, the unit is built with a new polymer monoblock compartment structure. This ensures optimal weight distribution and a rational component layout for easy maintenance.
- As an open system designed to keep weight to a minimum, this unit is dedicated exclusively to the internal washing of waste bins.
- Despite its lightweight design, several options can still be integrated, such as a hot water boiler, an internal disinfection system, a chemical mixing system, and more.
- The lifter is capable of handling two 120L, 240L, or 360L bins simultaneously, or one 770L or 1100L bin with a flat lid (not compatible with round lids).

