

Drainage Truck

The Drainage Truck has been conceived specifically to receive the Ricotta produced in the Flocculators. The machine is fitted with a pierced steel bed made of completely removable panels; this metal bed is to hold the drainage cloth that when opportunely placed, will collect the product during the transfer from the Flocculators.



More
Information



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Research & Development of dairy technologies

 **Milk Innovation**
group

Drainage Truck



The drainage truck has been specifically designed to collect drainage from the ricotta produced from surfacing in the flocculator.

The machine is equipped with a punched plate upper tank made from panels that can be fully removed from both the base surface and walls.

This tank houses the drainage frame which, when in place, retains the product when it is discharged.

A part of the tank contains the product in the final stage when the truck is used, while the other part has a hopper, with single-screw pump, operated by a speed-change drive unit with continuous speed variation for controlled product transfer. The product is then conveyed to the homogenising-smoothing machine.



The punched plate panels of the upper tank can be removed and placed on the bottom of the tank at the end of the day; the truck pump circulates a washing solution, so the truck and panels are practically washed "automatically".

The truck is in 100% AISI 304 stainless steel and comprises the following:

- Bearing containment tank with hopper in the final section containing the product ready for transfer;
- Assembled on 200 mm castors with braking devices;
- Punched plate panels comprising the product containment upper tank;
- Single-screw pump with pre-loading auger and bridge breaker;
- 1.5 kW electric motor with geared motor and speed change drive unit, with adjustable speed from 100 to 500 revs/min, for pump operation;
- 0.37 kW electric motor with fixed revolution geared motor for bridge breaker operation.
- Grid with hand guard sensor
- Whey level sight glass
- Total outlet with DN 65 butterfly valve;
- DN 50 processed product outlet
- Product transfer line
- Low voltage push button panel for on/off and emergency controls;
- Remote control and power panel with safety connections to the drainage truck, with an IP 55 rating.

