Tunnel-Type 40 L Milk Can Washing Machine

Automatic, hygienic and efficient cleaning for dairy collection and processing operations



Illustrative product final configuration may vary.

Product Overview

The tunnel-type 40 L milk can washing machine is designed for continuous, high-throughput cleaning of stainless-steel dairy cans. Cans travel through enclosed treatment zones on a guided conveyor, enabling repeatable internal and external washing while reducing manual handling and improving hygiene consistency.

Key Benefits

- Continuous tunnel operation for efficient processing of multiple 40 L cans.
- Multi-stage cleaning sequence for pre-rinse, detergent washing, final rinse and optional sanitising.
- Targeted spray coverage for internal and external can surfaces.
- Hygienic stainless-steel construction suited to dairy environments.
- Enclosed wash zones help contain splash, heat and detergent mist.
- Accessible service doors support inspection, cleaning and maintenance.
- Operator control panel with emergency-stop protection.

Typical Cleaning Process

1. **Loading:** Empty cans are placed upright on the infeed conveyor.
2. **Pre-rinse:** Residual milk soil is loosened and removed.

3. **Detergent wash:** Heated cleaning solution is sprayed at controlled pressure.
4. **Final rinse:** Clean water removes remaining detergent and soil.
5. **Sanitising or hot-water rinse:** An optional final treatment prepares cans for hygienic reuse.
6. **Discharge:** Clean cans leave the tunnel for draining, drying or refilling.

Indicative Specifications

Item	Indicative configuration
Can size	40 L stainless-steel milk cans
Machine type	Continuous conveyor tunnel washer
Wash stages	Pre-rinse, detergent wash and final rinse; sanitising optional
Construction	Food-contact stainless steel in applicable product-contact areas
Heating	Steam, electric or hot-water arrangement, subject to site utilities
Controls	Central operator panel with adjustable cycle parameters
Safety	Emergency stop, guarded conveyor and interlocked access doors
Capacity	Configured to required cans per hour after site and process review

All specifications are indicative and should be confirmed against the required throughput, can dimensions, soil level, detergent programme, water quality, utilities and local safety standards before manufacture or purchase.

Recommended Options

- Automatic loading and unloading conveyors
- Caustic or detergent dosing system
- Temperature monitoring and cycle data logging
- Recirculation tanks with filtration
- Hot-water or chemical sanitising stage
- Air-knife or heated-air drying module

Information Required for a Quotation

Please provide the can drawing or dimensions, required hourly capacity, available steam/electrical supply, water pressure and quality, preferred cleaning chemistry, inlet soil condition and installation-space limits.