



AI-generated conceptual image; final configuration is project-specific.

GMP-ORIENTED CONTAINER CLEANING SYSTEM

Automatic Inverting Type Bottle Washing Machine

The Automatic Inverting Type Bottle Washing Machine is designed for automatic inversion, internal rinsing, draining and air blowing of approved 50 mL-1 L bottles. The machine is available in 24, 36, 48, 60 and 72 BPM configurations for glass, PET, HDPE and PP containers, excluding oval formats.

Suitable for: Approved glass, PET, HDPE and PP bottles; oval bottles are not suitable

Machinery supply within India only. Technical review, delivery and support are coordinated from Ahmedabad.

Operating Principle and Selection Basis

Bottles are gripped and inverted over aligned nozzles for the approved water wash followed by compressed-air blow, then returned upright.

Control System: Synchronized rinse valves, air supply and conveyor controls

Optional Scope: External wash, water recovery, number of stations and additional media are project-configurable.

Project basis: Final specifications are governed by the approved quotation, machine datasheet, GA drawing and project URS. Published references and configuration/order qualifiers are retained. Illustrated equipment is not a guarantee of the supplied configuration.

Published Technical Specifications

Source: the product page included in this release. Published references are selection aids; the approved quotation and machine datasheet govern the supplied configuration.

Machine, Process and Integration Data

PARAMETER	PUBLISHED / PROJECT DATA
Suitable For	Approved glass, PET, HDPE and PP bottles; oval bottles are not suitable
Working Principle	Bottles are gripped and inverted over aligned nozzles for the approved water wash followed by compressed-air blow, then returned upright.
Infeed / Handling	Automatic infeed, bottle gripping and inversion
Outfeed / Transfer	Re-inverted bottles discharge upright to downstream equipment
Machine Construction	GMP-oriented construction with materials defined in the approved scope
Contact Materials	Machine-frame and wetted materials are selected based on the approved wash media, hygiene requirement and approved order scope.
Control System	Synchronized rinse valves, air supply and conveyor controls
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	External wash, water recovery, number of stations and additional media are project-configurable.
Line Integration	Standalone supply or integration with approved upstream and downstream machines

Core Technical and Commercial Data

PARAMETER	PUBLISHED / PROJECT DATA
Model / Series	Configuration-specific. The model code is assigned in the approved quotation after the product, pack, process and automation scope are fixed.
Output / Throughput	Published reference. 24 / 36 / 48 / 60 / 72 bottles per minute (BPM), subject to the approved bottle and wash cycle.
Accuracy / Acceptance Criterion	Not applicable. This is not a dosing or label-placement function; acceptance is based on stable container handling, the approved wash sequence and the FAT protocol.
Electrical Power	Published reference. 220 V AC, single-phase, 50 Hz; maximum connected load 3 HP.
Utilities	Published reference. Electrical supply as stated; compressed air at 6 bar; wash-water quality, flow and drainage are confirmed for the approved process.
Overall Dimensions (L × W × H)	Published reference. Approximately 8 × 4 × 5 ft (L × W × H).
Net / Shipping Weight	Published reference. Approximately 300 kg net.
Capacity / Format Range	Published reference. Approved 50 mL-1 L glass, PET, HDPE and PP bottles; oval bottles are not suitable.
Warranty	Published reference. 1 year; commencement, coverage and exclusions are defined in the approved order.
Installation / Commissioning Scope	Published reference. Installation and commissioning are available; the exact included work and customer responsibilities are defined in the approved order.