



Published product image; final configuration is project-specific.

GMP-ORIENTED CONTAINER CLEANING SYSTEM

Semi-Automatic Rotary Bottle Washing Machine

The Semi-Automatic Rotary Bottle Washing Machine handles approved 50 mL-1 L glass, PET, HDPE and PP bottles, excluding oval formats. HMSBWM-32 provides 60 BPM and HMSBWM-64 provides 120 BPM with operator-assisted loading and unloading.

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 manually loaded into holders and indexed through the approved water and compressed-air washing positions before draining and removal.

Control System: Adjustable rotary drive with individually controlled washing services as included in the order

Optional Scope: Wash sequence, holder format, external washing, tanks, pumps and filtration are 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 manually loaded into holders and indexed through the approved water and compressed-air washing positions before draining and removal.
Infeed / Handling	Operator-assisted loading into rotary bottle holders
Outfeed / Transfer	Washed bottles return to the unloading position for manual removal
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	Adjustable rotary drive with individually controlled washing services as included in the order
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Wash sequence, holder format, external washing, tanks, pumps and filtration are configurable.
Line Integration	Standalone supply or integration with approved upstream and downstream machines

Core Technical and Commercial Data

PARAMETER	PUBLISHED / PROJECT DATA
Model / Series	Published reference. HMSBWM-32 with 32 holders; HMSBWM-64 with 64 holders.
Output / Throughput	Published reference. 60 BPM for HMSBWM-32; 120 BPM for HMSBWM-64, 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. 440 V AC, three-phase, 50 Hz; connected load 6 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)	Overall dimensions are model- and configuration-specific. Final L × W × H is confirmed in the customer-approved GA drawing based on capacity, output, process requirements and site layout before order execution.
Net / Shipping Weight	Published reference. Approximately 300 kg net.
Capacity / Format Range	Published reference. Approved 50 mL-1 L 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.