



Representative equipment/application image; final configuration may vary.

LIQUID FILLING MACHINES

Automatic Syrup Liquid Filling Machine

Configuration Technical Brochure

H M Pharma Machines manufactures syrup filling machine solutions for approved pharmaceutical, Ayurvedic, herbal, nutraceutical and food syrups, with dosing technology selected around viscosity, fill range, container and required output.

Suitable for: A syrup liquid filling machine must control a product that may be viscous, sticky, foaming or sensitive to temperature. The correct system is selected from the actual syrup, required dose and container instead of assuming that one filler suits every...

Product: Viscosity, foam and temperature	Dose: Minimum and maximum fill	Pack: Bottle, neck and closure	Output: Required bottles per minute
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Operating Principle and Selection Basis

H M Pharma Machines manufactures syrup filling machine solutions for approved pharmaceutical, Ayurvedic, herbal, nutraceutical and food syrups, with dosing technology selected around viscosity, fill range, container and required output.

Project basis: Final specifications are governed by the approved quotation, machine datasheet, GA drawing and project URS. Published reference, Configuration-specific, Order-specific and Not applicable qualifiers are retained. This is a configuration-selection guide, not one universal fixed machine specification. [Open current product page](#)

Published Technical Specifications

The following data is reproduced from the current H M Pharma Machines product page. Configuration and order qualifiers are intentionally retained.

Published Reference Configurations and Commercial Scope

PARAMETER	PUBLISHED / PROJECT DATA
Model / Series	Configuration 1 - 8-Head Volumetric Reference: Automatic 8 Head Volumetric Liquid Filling Machine with piston/syringe dosing. Configuration 2 - Four-Head Servo Gear-Pump Reference: Automatic four-head servo gear-pump configuration. Selection note: the approved syrup trial determines which technology and machine reference applies.
Output / Throughput	8-Head Volumetric Reference: Up to 90 bottles per minute. Four-Head Servo Gear-Pump Reference: Up to 24 bottles per minute. Both rates depend on syrup characteristics, fill volume, bottle and approved operating conditions.
Accuracy / Acceptance Criterion	8-Head Volumetric Reference: Filling accuracy is specified in the approved quotation and FAT protocol. Four-Head Servo Gear-Pump Reference: $\pm 1\%$ under the approved syrup, dose, bottle and FAT test conditions. The contractual tolerance and FAT sampling method are confirmed for the approved syrup, dose, bottle and operating conditions.
Electrical Power	8-Head Volumetric Reference: 440 V AC, three-phase, 50 Hz; 2 HP main motor plus 0.5 HP conveyor motor. Four-Head Servo Gear-Pump Reference: 440 V AC, three-phase, 50 Hz; approximately 4 kW connected load.
Utilities	8-Head Volumetric Reference: Pneumatic bottle stopping; air consumption is not published. Four-Head Servo Gear-Pump Reference: Compressed air at 8 CFM and 6 bar. Product-feed, syrup-temperature and cleaning requirements are confirmed for the selected configuration.
Overall Dimensions (L × W × H)	8-Head Volumetric Reference: Approximate footprint: 3000 × 1500 mm; published overall height is not available. Four-Head Servo Gear-Pump Reference: Approximately 3648 × 800 × 2000 mm (L × W × H). The approved general-arrangement drawing governs the selected machine.
Net / Shipping Weight	8-Head Volumetric Reference: Approximately 200 kg net. Four-Head Servo Gear-Pump Reference: Approximately 300 kg net / 500 kg gross. The selected machine's packing list governs shipping weight.
Capacity / Format Range	8-Head Volumetric Reference: 10-1000 mL; bottle diameter 30-100 mm; container height up to 500 mm. Four-Head Servo Gear-Pump Reference: 500 mL-5 L. These ranges belong to different configurations and are not interchangeable.
Warranty	8-Head Volumetric Reference: 1-year warranty. Four-Head Servo Gear-Pump Reference: A warranty duration is not stated in this published reference. For the selected syrup machine, commencement, coverage, exclusions and claim terms are defined in the approved quotation or order.
Installation / Commissioning Scope	Order-specific. Supplier work is limited to the installation, commissioning, SAT, operator training and handover items expressly included in the approved quotation. The same document assigns unloading, positioning, utilities to termination points, civil work, trial syrup and bottles, site access, permits, travel and accommodation responsibilities.