



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

CONTROLLED PHARMACEUTICAL POWDER DOSING SYSTEM

Injectable Dry Powder Filling & Rubber Stoppering Machine

For approved pharmaceutical vials, free-flowing injectable powder and compatible rubber stoppers, with controlled vial infeed and indexed movement through dosing stations.

Suitable for: Approved pharmaceutical vials, free-flowing injectable powder and compatible rubber stoppers

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

Operating Principle and Selection Basis

Indexed vials receive one or more measured powder doses before an oriented rubber stopper is placed and pressed into each vial.

Control System: No-vial/no-dose, powder-level, vacuum/air and stopper-feed controls where specified

Optional Scope: Single or multiple dosing, powder wheel or micro-dosing system, barrier and environmental controls 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 pharmaceutical vials, free-flowing injectable powder and compatible rubber stoppers
Working Principle	Indexed vials receive one or more measured powder doses before an oriented rubber stopper is placed and pressed into each vial.
Infeed / Handling	Controlled vial infeed and indexed movement through dosing stations
Outfeed / Transfer	Stoppered vials discharge to the crimp-capping operation
Machine Construction	GMP-oriented stainless-steel construction as defined in the approved scope
Contact Materials	Powder-contact construction, enclosure, extraction and cleaning provisions are selected for the approved powder and hygiene requirement.
Control System	No-vial/no-dose, powder-level, vacuum/air and stopper-feed controls where specified
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Single or multiple dosing, powder wheel or micro-dosing system, barrier and environmental controls 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. HMPF-240S
Output / Throughput	Published reference. 120-240 vials per minute on 10 mL vials for a single dose; output depends on fill volume, powder bulk/tapped density and room conditions.
Accuracy / Acceptance Criterion	Published reference. $\pm 2\%$, depending on powder consistency and uniformity under controlled humidity.
Electrical Power	Published reference. 6 HP; 440 V, three-phase, 50 Hz.
Utilities	Published reference. Oil-sealed vacuum pump listed for the quoted configuration.
Overall Dimensions (L x W x H)	Published reference. 3750 x 1020 x 2050 mm (L x W x H); conveyor height adjustable from 850 to 900 mm.
Net / Shipping Weight	Published reference. Approximately 800 kg gross.
Capacity / Format Range	Published reference. 5-30 mL vials; 20 mm stoppers; 250-1500 mg single-stroke powder fill; 10 mL vial change parts included; optional powder-wheel/piston ranges listed from 50 to 1250 mg.
Warranty	Published reference. 12 months from dispatch for performance and workmanship; wear parts, consumables, electrical/electronic items and spares excluded.
Installation / Commissioning Scope	Order-specific. The quotation states whether installation, commissioning, SAT and operator training are included, together with unloading, positioning, utilities, civil work, trial materials, travel and site responsibilities.