



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

CONTROLLED PHARMACEUTICAL POWDER DOSING SYSTEM

Injectable Dry Powder Filling Machine

For approved pharmaceutical vials and compatible injectable dry powder; sterility and aseptic-process suitability depend on the approved line configuration, environmental controls and customer qualification, with controlled vial feeding and indexing through the powder zone.

Suitable for: Approved pharmaceutical vials and compatible injectable dry powder; sterility and aseptic-process suitability depend on the approved line configuration, environmental controls and customer qualification

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

Operating Principle and Selection Basis

A configured dosing system presents calibrated powder doses to indexed vials within the configured enclosure and environmental controls.

Control System: No-vial/no-dose, powder-level, air/vacuum and machine-status monitoring as specified

Optional Scope: Powder wheel, vacuum-pressure dosing, micro-dosing and barrier interfaces are application-specific.

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 and compatible injectable dry powder; sterility and aseptic-process suitability depend on the approved line configuration, environmental controls and customer qualification
Working Principle	A configured dosing system presents calibrated powder doses to indexed vials within the configured enclosure and environmental controls.
Infeed / Handling	Controlled vial feeding and indexing through the powder zone
Outfeed / Transfer	Filled open vials transfer to the selected stoppering system
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, air/vacuum and machine-status monitoring as specified
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Powder wheel, vacuum-pressure dosing, micro-dosing and barrier interfaces are application-specific.
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	Configuration-specific. Rated output depends on dose, powder bulk density and flow, dust behavior, container and number of dosing heads.
Accuracy / Acceptance Criterion	Configuration-specific. Dose-weight tolerance, sampling plan and FAT method are agreed after approved powder trials.
Electrical Power	Configuration-specific. Voltage, phase, frequency and maximum connected load are stated in the approved electrical load list.
Utilities	Configuration-specific. Electrical supply, compressed air, vacuum or extraction, containment and environmental interfaces are listed for the approved powder 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	Configuration-specific. Net and packed shipping weights are stated in the approved datasheet or packing list.
Capacity / Format Range	Configuration-specific. Dose range, hopper working volume, powder properties and approved container range are stated in the machine datasheet.
Warranty	Order-specific. Duration, commencement date, covered parts, exclusions and claim terms are stated in the approved quotation or order.
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.