



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

CONTROLLED PHARMACEUTICAL POWDER DOSING SYSTEM

Auger Powder Filling Machine

For approved bottles, jars or rigid containers with compatible powders and granules, with manual or automatic container presentation below the filling nozzle.

Suitable for: Approved bottles, jars or rigid containers with compatible powders and granules

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

Operating Principle and Selection Basis

A hopper agitator conditions the powder while a calibrated auger rotates by the programmed count to dispense the target dose.

Control System: Auger rotation, recipe, hopper level and no-container/no-dose control according to configuration

Optional Scope: Servo auger, multiple heads, dust extraction, weighing and capping integration 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 bottles, jars or rigid containers with compatible powders and granules
Working Principle	A hopper agitator conditions the powder while a calibrated auger rotates by the programmed count to dispense the target dose.
Infeed / Handling	Manual or automatic container presentation below the filling nozzle
Outfeed / Transfer	Filled containers transfer to weighing, closing or packing
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	Auger rotation, recipe, hopper level and no-container/no-dose control according to configuration
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Servo auger, multiple heads, dust extraction, weighing and capping integration 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	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.