NJP-1205H
Automatic Capsule Filling Machine

U.S. configuration · 220 V, 3-phase, 60 Hz

75,000	9	00-5
capsules/hour · rated maximum	bores per segment	standard capsule sizes

Specifications

Model	NJP-1205H
Rated maximum output	75,000 capsules/hour
Bores per segment	9
Capsule sizes	00-5; safety capsule sizes A-E Size-specific tooling
Application	Powder; pellets with optional attachment
Control system	H-series touchscreen interface Final controller follows your quotation
Power supply	220 V, 3-phase, 60 Hz
Listed motor loads	2.67 kW main machine + 2.2 kW dust collector
Machine dimensions	36.8 × 41.7 × 85.4 in 935 × 1060 × 2170 mm
Machine weight	2,205 lb 1000 kg
Vacuum system	Oil-free dry vacuum pump No vacuum-pump water connections
Vacuum reference	-2.9 to -8.7 psi -0.02 to -0.06 MPa
Listed exhaust capacity	123.6 CFM 210 m³/hour
Capsule loading success rate	≥99.5% with conforming empty capsules Manufacturer reference; depends on setup and operation
Operating environment	64.4-75.2 °F; 40-55% RH 21 ± 3 °C
Noise level	≤75 dBA
Product-contact material	SS304

Rated maximum output is a reference figure. Actual output depends on the capsule, formulation, selected configuration and operating conditions.

Configuration & components

Component references are from NJP-1205C platform documentation. The H-series control system and final supplied parts are confirmed in your project quotation.

Component	Manufacturer	Reference model
Linear bearings	**DIL / EASE**	KH1228PP · SDM10Y · SDE series
Cam followers	**Nippon Thompson / THK**	CF-6 · CF12-AB · CF18UU-AB
Gear reducer	**SEW**	R37DR2S80M4
Indexing boxes	**SKD**	RU83DS061202LS1 · RU83DS101502RS2
Inverter	**Delta**	MS300
Power supply	**Mean Well**	LRS-50-24

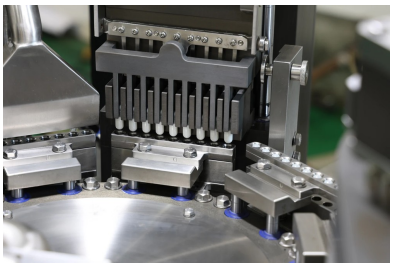
Reference U.S. package

- Main capsule-filling machine
- One capsule-size tooling set and dosing disk
- Dust collector and separate powder collector
- Oil-free dry vacuum system
- SS304 product-contact parts

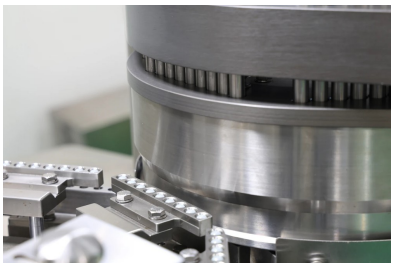
Options for your process

- Additional capsule tooling and dosing disks
- Pellet-filling attachment
- QVC-2 powder loading
- JNJ-B empty-capsule loading
- WSP-A capsule sorting and polishing
- Dry vacuum package sized for the complete process

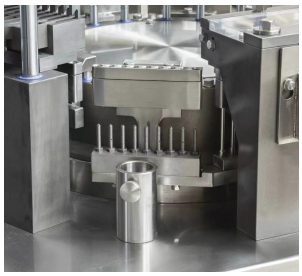
Mechanical details



Capsule feeding



Turret and filling



Segment cleaning

Listed motor loads cover the main machine and dust collector. Confirm the complete connected load, dry vacuum system, compressed air and any optional feeder utilities for your project.

The U.S. configuration uses an oil-free dry vacuum system with no water connections for the vacuum pump. Final equipment scope and utilities are confirmed in your project quotation.