# NJP-3805H
# Automatic Capsule Filling Machine

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

| 228,000 | 27 | 00-5 |
|---|---|---|
| capsules/hour · rated maximum | bores per segment | standard capsule sizes |

## Specifications

| | |
|---|---|
| **Model** | NJP-3805H |
| **Rated maximum output** | 228,000 capsules/hour |
| **Bores per segment** | 27 |
| **Capsule sizes** | 00-5; safety capsule sizes A-E<br>Size-specific tooling |
| **Application** | Powder; pellets with optional attachment |
| **Control system** | H-series touchscreen interface<br>Final controller follows your quotation |
| **Power supply** | 220 V, 3-phase, 60 Hz |
| **Listed motor loads** | 6.67 kW main machine + 3 kW dust collector |
| **Machine dimensions** | 57.5 × 57.1 × 88.6 in<br>1460 × 1450 × 2250 mm |
| **Machine weight** | 5,952 lb<br>2700 kg |
| **Vacuum system** | Oil-free dry vacuum pump<br>No vacuum-pump water connections |
| **Cleaning-station air** | 3.53 CFM at 43.5-58 psi<br>6 $m^3/h$ at 0.3-0.4 MPa |
| **Capsule loading success rate** | ≥99.5% with conforming empty capsules<br>Manufacturer reference; depends on setup and operation |
| **Operating environment** | 64.4-75.2 °F; 40-55% RH<br>21 ± 3 °C |
| **Noise level** | ≤78 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-3805C platform documentation. The H-series control system and final supplied parts are confirmed in your project quotation.

| Component | Manufacturer | Reference model |
|---|---|---|
| Cam followers | **Nippon Thompson** | CF-8 · CF-12 · CF-16 · CF-20G |
| Gear reducer | **SEW** | R67DRS100M4BE5 |
| Indexing boxes | **SKD** | R140F061202LS2 · R180F101502LS1 |
| Inverter | **Delta** | MH300 |
| Power supply | **Mean Well** | LRS-50-24 |
| Relay | **IDEC** | RN2S-NL-DC24V |

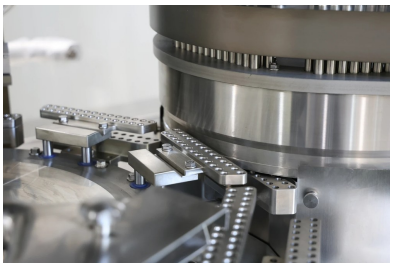
## Reference U.S. package

- 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-B capsule sorting and polishing
- Dry vacuum package sized for the complete process

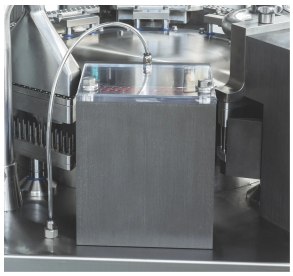
## Mechanical details



Filling assembly



Rotary turret



Capsule discharge

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.