NYF Series Liquid Capsule Filling and Sealing Line

Fill oils and liquids into hard capsules, then seal them, on one line



How It Works:

Empty hard capsules are separated, filled with liquid by ceramic dosing pumps, closed and then sealed with a band at the joint, so the fill can't leak. Gelatin and vegetable (HPMC) capsules run on the same line, in sizes 00 to 4.

Capsule feeding → Separating → Liquid filling → Closing → Band sealing → Drying

What It Fills

Oil solutions | Suspensions | Microemulsions | Hot-melt fills

Key Features:

- Ceramic dosing pumps: no rubber seals to swell against oils
- Fill accuracy ±2%
- Fill volume set on the touchscreen: a dose change takes nothing apart
- Gelatin and vegetable capsules on the same line

Which One Fits:

Under 3 million capsules a month, 2 to 5 products: NYF-300

Past 3 million a month: NYF-500

High-volume contract manufacturing: NYF-1000

Technical Paremeter:

Model	NYF-300	NYF-500	NYF-1000
Output (capsules/h)	18,000	30,000	60,000
Capsule Sizes	00–4	00–4	00–4
Capsule Type	Gelatin, HPMC	Gelatin, HPMC	Gelatin, HPMC
Fill Types	Solutions, suspensions, microemulsions, hot-melt	Solutions, suspensions, microemulsions, hot-melt	Solutions, suspensions, microemulsions, hot-melt
Fill Accuracy	±2%	±2%	±2%
Segment Bores	6	8	16
Dosing Pumps	6, ceramic	8, ceramic	16, ceramic
Compressed Air	≤0.6 MPa	≤0.6 MPa	≤0.6 MPa
Dust Extraction	180 m³/h	180 m³/h	180 m³/h
Noise	≤75 dB(A)	≤75 dB(A)	≤75 dB(A)
Dimensions (L×W×H) (mm)	3800 × 900 × 1900	3710 × 1180 × 2050	4100 × 1300 × 2100
Weight (kg)	2,300	2,500	3,000

Dust extraction is supplied separately. Ask if you need it quoted.