

Automatic Spout Pouch Filling & Capping Machine CE-2N/XZX



CE model spouted pouch filling and capping machine provide solutions for filling and capping pre-made pouches with spouts, caps and other fitments.

These machines are suitable for a wide variety of liquid and viscous products as food and beverage, detergents, cosmetics, chemical products etc. such as baby food, animal feeds, pet food, purees, sauces, dairy and other products etc.

Characteristic:

- 1) Electric and pneumatic combined driving are used, resulting in stable driving. This machine work automatically from pouch loading, pouch detection, filling, spout cleaning, nitrogen injection(optional), cap loading, capping, pouch discharged and conveyor out(optional).
- 2) The machine adopts a pouch loader for automatic pouch loading, easy & stable.
- 3) The machine adopts piston filling machine to fill material, so it can fill different shape and volume pouches, filling error is very small (for max volume, the filling error is within $\pm 0.5\%$)
- 4) The whole machine structure is SUS304 & material contact parts are SUS316.
- 5) High efficiency, 4 pouches (depend on nozzle numbers) can be filled and capped at the same time in the machine.
- 6) Adopt a sensor for pouch detection, 1 sensor for cap channel in cap vibrator, and a sensor for cap detecting, and the nozzles are individually controlled, so no pouch, no filling; no cap, machine stops.
- 7) Tallest pouch is 240mm.

Technical Parameter:

Automation Grade	Automatic	Automatic
Suitable pouch type	Preformed spout pouch, pouch with spout	Preformed spout pouch, pouch with spout
Suitable cap type	Standard cap, anti-choke cap, etc.	Standard cap, anti-choke cap, etc.
Filling material	liquids, paste, oil, gel etc material that get ability to flow.	liquids, paste, oil, gel etc material that get ability to flow.
Filling nozzle number	2-nozzle type	4-nozzle type
Filling Range	20–50ml other customized range	5–50ml other customized range
Filling error	Within $\pm 1\%$ (for max volume)	Within $\pm 0.5\%$ (for max volume)
Machine structure	SUS304	SUS304
Capacity (per hour)	1200-1800 (Varies according to the material nature, material viscosity, filling volume, nozzle number, spout inner diameter)	2400-3000 (Varies according to the material nature, material viscosity, filling volume, nozzle number, spout inner diameter)
Spout + cap height	up to 50 mm (more on request)	up to 50 mm (more on request)
Power	2KW	3KW
Power supply	415v, 3 Phase	415v, 3 Phase
Compressed air required	0.7CBM/min @ 0.6Mpa	0.7CBM/min @ 0.6Mpa
Weight	1300KG	1800KG
Dimensions	2300*3600*2000mm(H) (With pouch loader)	Main Machine: (L)2600*(W)1830*(H)1900mm
		Send bag holder: (L)2200*(W)400*(H)1600mm