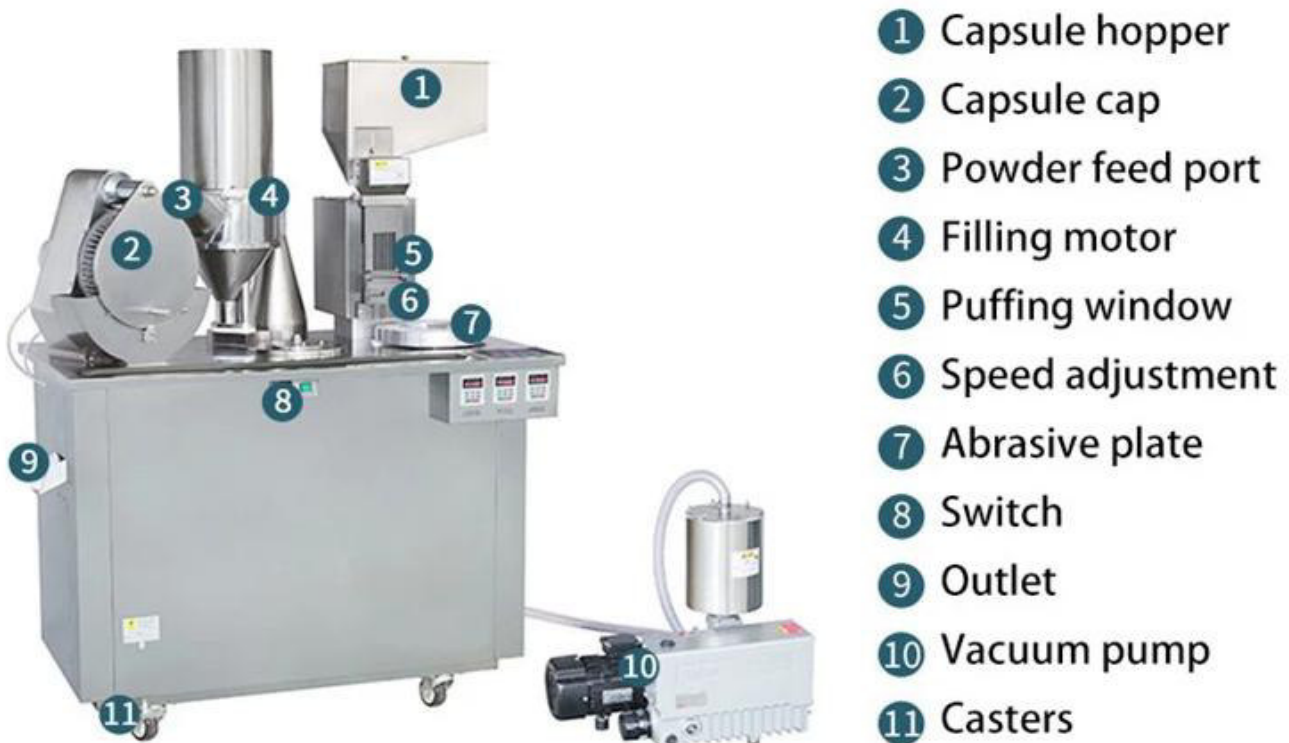


CGN208-D Semi Automatic Capsule Filling Machine

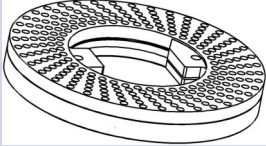
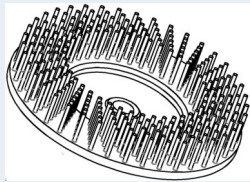
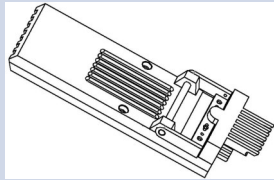
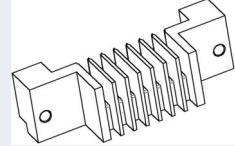
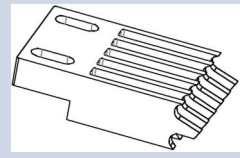
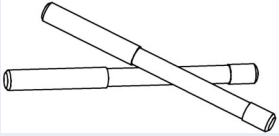


Technical Parameter

Model	CGN208-D
Output(pcs/min)	25000-30000 pcs/hour
Capsule Size	#000-#4
Total Power	4.0KW
Filling formulation	Powder(no wet and viscosity); small Granules
Air pressure	0.03m ³ /min 0.7Mpa
Vacuum pump	(Pumping rate)40m ³ /h
Net Weight(KG)	380kgs
Gross weight	450kgs
Dimension(mm)	1140×700×1630
Dimension of Export Package(mm)	1650 X 800 X 1750


Name	Model	ORIGIN	QTY
Single pole rotary vane vacuum pump	XDB-040	Zhe Jiang , China	1
three-phase asynchronous motor	Y263M2-4	Dasu Motor	2
Three - phase vertical gear motor	GV-22400W-7.5:1	Taij, Motor	1
Frequency converter	DVM-2S004G-02	Delaier	3
Worm gear reducer (Two-way)	NMRV40-63B5-15:1	D-zoom	1
Worm gear reducer	WPWD-50-40:1	Zhe Jiang , China	1
Transformer	JBK3-63	Zhe Jiang , China	1
intermediate relay	JIX-2C	Omron	2
alternating current relay	CJX2-12	Schneider	2
Breaker	DZ47-63 D20	Schneider	1
Breaker	DZ47-63 C6	Schneider	1
emergency stop switch	Y090-11X	CHINT	1
control panel	PC	Guangdong, China	1
Filling cyclinder	SC50X125	Zhe Jiang , China	1
Lock cyclinder	MAL100X80	Zhe Jiang , China	1
Air filter pressure regulating valve	AFR-2000	Zhe Jiang , China	1
optoelectronic switch	GL-8F	SUNX, Japan	1
Proximity switch	H12-D5NK	Shanghai, China	1
Filling button	AD16	CHINT	1
Inching/automatic knob	/ BZ101C	Schneider	1
Button	BWB31C	Schneider	1
Magnetic valve	4V210-08	Zhe Jiang , China	1
Foot valve	G522R	Zhe Jiang , China	1

Mould List




Items	Specifications	Qty	Weight (kg)	Material
Capsule disc		1 set	2.6	LY12 Aviation aluminum
Pin disc		1 Pcs	3.8	LY12 Aviation aluminum 304
Capsule feeding plate		1 Pcs	1.9	LY12 Aviation aluminum 304
Capsule sorting plate		1 Pcs	0.9	304
Capsule feeding fork		1 Pcs	0.4	304
Regulating bar		1 set	0.2	304
Packing box	350x300x150	1	2.2	Free from fumigation plate

Package List



No.	Item Name	Photo	Quantity
1	Filling machine		1
2	vacuum pump		1
3	filter cask		1
Free tools list			
1	Tool kit		1
2	monkey wrench		1
3	solid wrench		3
4	socket head wrench		3
5	sharp-nose pliers		1
6	Oilcan		1
7	straight screwdriver		1
8	cross screwdriver		1
9	Scraping the chalk board		11
10	Cover board		1

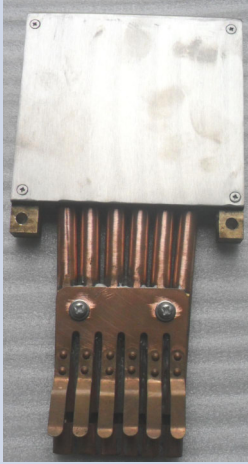
Package List

Free tool list			
No.	Item Name	Photo	Quantity
11	Die brush		2
12	teasing needle		2
13	charging scoop		1
Free consumable items			
1	Discharging plate		1
2	Vacuum plate		1
3	Dust bag		1

Our CGN-208D is new designed semi-automatic capsule filling machine in 2018, it is totally different from the old designs in the key component and have better performance and stability.

Below is the comparison sheet of our CGN-208D with other old designs in the market.

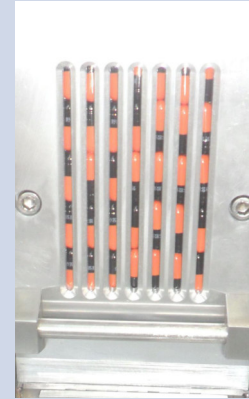
capsule plate comparison



Old version

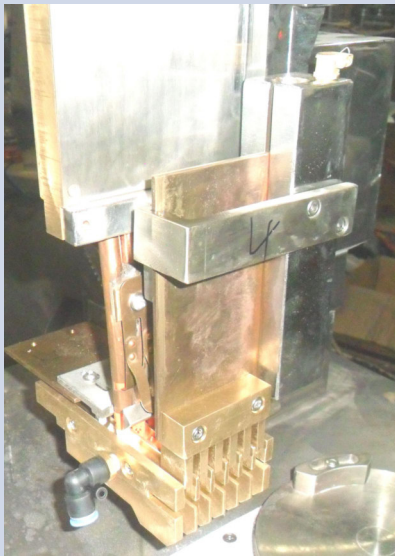


New Version



Item	Material	Disassembly process	Instalation	defective capsules
Old version	Red copper welding molding, rough corner, does not meet GMP requirements	can not disassembly and clean incompletely	No positioning device, manual adjustment is required after installation	Need to solve after stop working,quite complicated
New version	304 stainless steel, CNC machining center molding, meet GMP requirements	Thoroughly disassemble and clean without residue	With positioning device, it is convenient to disassemble and install repeatedly without adjustment	Perspective window can be found as early as possible, no need to stop the machine to solve the problem, convenient and easy to operate

Overall installation effect of capsule plate



Old version

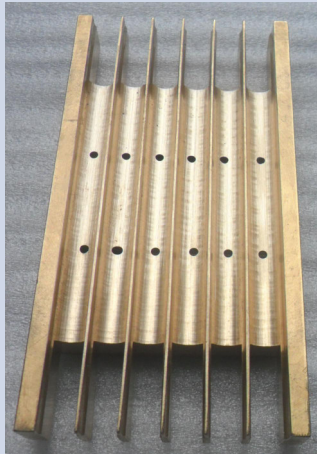
The old mechanical parts are mostly exposed to the outside, it is easy to cause oil and powder flying, and the mold has no positioning device, which makes the adjustment more cumbersome. The work efficiency is very low and overall visual effect is not good.



New Version

All the running parts of the new machine are wrapped in the seeder frame. Inside, no exposed mechanical running parts, all molds Section adopts positioning device, installation, disassembly and cleaning Convenient, beautiful and practical appearance.

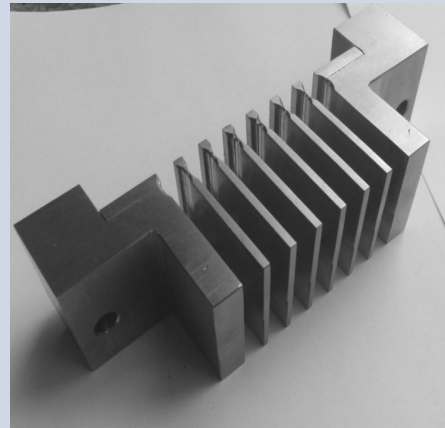
Correction Block Comparison



Old version

Cast copper is formed by milling, which does not meet GMP requirements

No positioning device, manual adjustment is required after installation

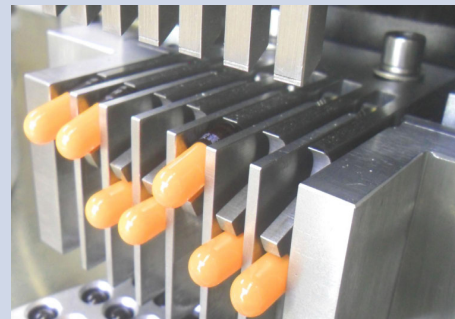
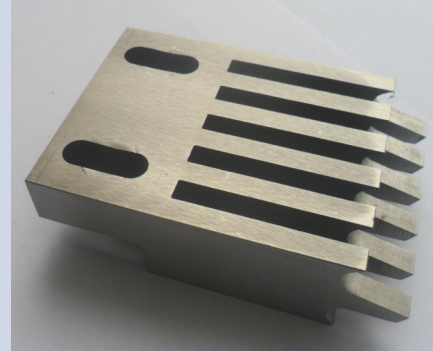
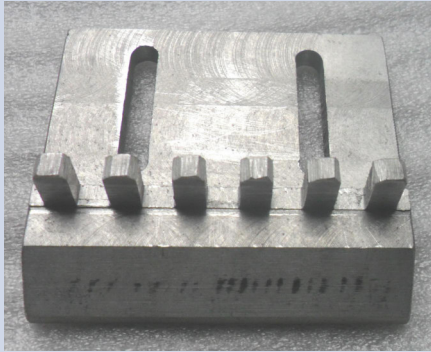


New Version

304 stainless steel after precision wire cutting processing and polishing, in line with GMP requirements

With positioning device, it is convenient to disassemble and install repeatedly without adjustment

Correction Block Comparison



Old version

New Version

Cast aluminum is processed and formed by general milling, which does not meet GMP requirements

304 stainless steel is processed by precision wire cutting and polished by silk road, can meet GMP requirements

Do capsule push only

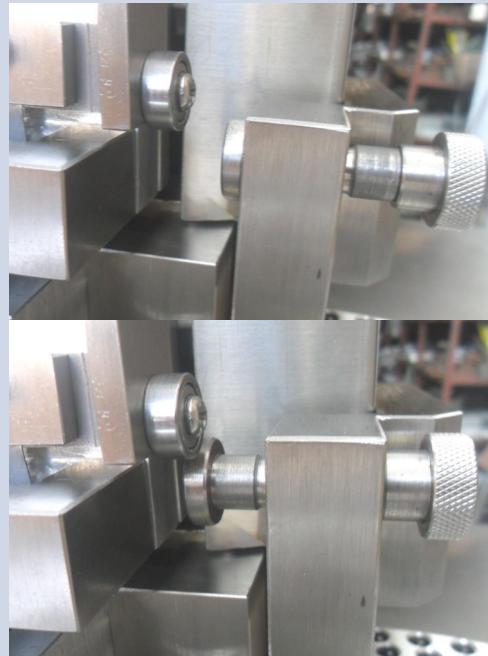
push the capsule and make a turning motion of the capsule in the meanwhile

Capsule Switch



Old version

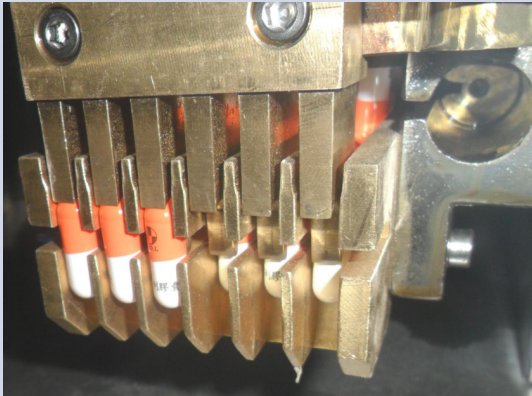
The old version has no control capsule switch device, the control capsule frame in the back of the copper makes frame adjustment very cumbersome and not controllable. Every time capsule feeding board will run up and down, the capsule will come down.



New Version

New capsule plate has a very advanced design --switchgear control device (e.g., onion parody signal), when debugging or machine run but don't want capsule, as long as gently pull out the control switch, can realize the machine run but not drop capsule, this device can save debugging capsules dosage, very practical and effective. The old style had no switching device, and as long as the machine was running, the capsule would be loaded, causing unnecessary waste.

Capsule mechanical comparison



Old version

The capsule of old device is pushed in the horizontal direction without turning, and then it is turned when the pressure capsule head moves downward. The capsule presents 2 rows of non-vertical arrangement, and then it is pushed into the upper and lower mold hole in the form of oblique line by the pressure capsule head. Due to the deviation of the inclined line of the capsule entering the mold hole downward, it will affect the capsule filling percentage.



New Version

The capsule of the new device moves vertically down through the pressure capsule head after turning horizontally. The capsule is arranged vertically in a single row. When moving vertically down, it smoothly enters the upper and lower mold hole without deviation, which improves the capsule filling percentage.

CGN208-N Semi Automatic Capsule Filling Machine



The latest design CGN208-N has adopted all the advantages of new designed CGN208-D and make a lot of improvements on the performance and configuration.

The new version is more easier to operate, install and disassembly, it has stable performance and save labor cost.

Technical Parameter

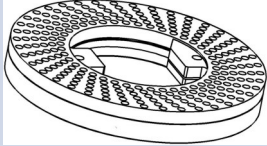
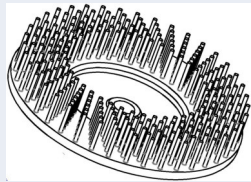
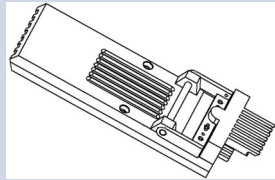
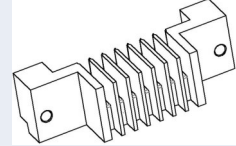
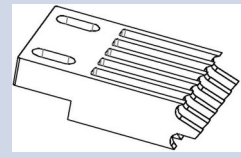
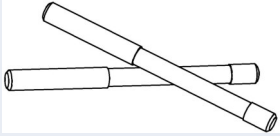
Model	CGN208-N
Output(pcs/min)	25000-30000 pcs/hour
Capsule Size	#000-#4
Total Power	4.0KW
Filling formulation	Powder(no wet and viscosity); small Granules
Air pressure	0.03m ³ /min 0.7Mpa
Vacuum pump	(Pumping rate)40m ³ /h
Net Weight(KG)	480kgs
Gross weight	580kgs
Dimension(mm)	1140×700×1600 mm
Dimension of Export Package(mm)	1400×860×1500 mm

Main Electronic List



Name	Model	ORIGIN	QTY
Water-ring vacuum pump	SK-0.3A	YHZKB	1
Three - phase vertical gear motor	TJH400w-7.5:1	CPG	1
three-phase asynchronous motor	MS6324	AUTOFAST	2
Turbo-worm reducer(Two-way)	NMRW040	AUTOFAST	3
Worm gear reducer	WPWD-40-40:1	Zhe Jiang , China	1
Transducer	ATVO-75M2	DELTA	3
intermediate relay	JIX-2C	Omron	2
Coutesy Swite	TL-Q5MC1-Z	Omron	3
alternating current relay	CJX2-12	Schneider	2
Breaker	DZ47-63 D20	Schneider	1
Breaker	DZ47-63 C6	Schneider	1
emergency stop switch	XD2	Schneider	1
Proximity switch	E2E-X5ME1	Schneider	1
Button	XB2-BA31	Schneider	2
change-over switch	LW26GS-20/2	Schneider	1
Touchscreen	SMART700	WEINVIEW	1
PLC programmable logic controller	214-1AD23-0XA	DELTA	1
Filling cylinder	SC50X125	AIRIAC	1
Lock cylinder	MAL100X80	AIRIAC	1
Air filter regulating valve	AL-2000	AIRIAC	1
Photoelectric Switch	GL-8F	KEYENCE	1
Switch Power supply	S-24-50	MZWE	1
light strip	24V	NVC	1

Mould List

Items	Specifications	Qty	Weight (kg)	Material
Capsule disc		1 set	2.6	LY12 Aviation aluminum
Pin disc		1 Pcs	3.8	LY12 Aviation aluminum 304
Capsule feeding plate		1 Pcs	1.9	LY12 Aviation aluminum 304
Capsule sorting plate		1 Pcs	0.9	304
Capsule feeding fork		1 Pcs	0.4	304
Regulating bar		1 set	0.2	304
Packing box	350x300x150	1	2.2	Free from fumigation plate