

Hunan Sunlife Pharma Technology Co., Ltd

V066, 6Building, Phase I, Depu Wuhe Industry Zone, NO. 1 and 3, Luosi Tang Road, Changsha Economic Development Zone, Changsha Area, (Hunan) Pilot Free Trade Zone, China

Quotation List

To: PT. Mersifarma Tirmaku Mercusana

Address: Jl. Raya Pelabuhan Km. 18 DS. Cikembar, Cikembar, KAB .Sukabumi, Indonesia

P/I no.: Sunlife26/0302

Date: 2026-03-02

No	Description	Model No.	Unit Price (CNY)	Qty (set)	Total Price (CNY)
1	Capsule making production line	CMG108K	2,450,000.00	6	14,700,000.00
2	30pin, single plate		125.00	35000	4,375,000.00
	Totally	FOB in dalian			

Price in

Remarks:

1. Delivery terms: FOB Dalian. And not including the sea freight
2. Payment terms: 25% advance payment after sign the contract, 25% payment after finish half machine manufacturing and 40% payment before delivery when machines are ready and 10% rest payment after SAT by TT

Hunan Sunlife Pharma Technology Co., Ltd

V066, 6Building, Phase I, Depu Wuhe Industry Zone, NO. 1 and 3, Luosi Tang Road, Changsha Economic Development Zone, Changsha Area, (Hunan) Pilot Free Trade Zone, China

CMG108K Full Servo Motor High Speed Capsule Production Line

CMG108K servo motor high-speed capsule production line is a specialized equipment for producing medical hard hollow capsules. The production line is used to continuously and automatically produce hard hollow capsules that meet the standards by dissolving the gel solution that has reached a certain temperature and viscosity, followed by processes such as homogenization, dipping, conveying and drying, demolding, cutting, and fitting. The produced capsules can also be automatically transported to a specialized equipment for centralized collection outside the machine.

This machine has functions such as infinite speed regulation (non-stop), slow start, fast braking, automatic temperature control, automatic viscosity adjustment, automatic fault alarm display and recording in the fully automatic production process. This machine can also produce hard hollow capsules of different specifications and models such as 00 #, 0 #, 1 #, 2 #, 3 #, 4 # after replacing some parts and molds according to usage requirements.

I. Technical Parameter

- 1、Dimension: L21.6m*W2.41m*H2.5m (exact size will be according to the drawing)
- 2、Speed: 60bars/min
- 3、Capacity: 108000capsule/h (00#-4#)
- 4、Distribution of drying kilns: first floor:4 kilns, second floor:5kilns
- 5、The design quantity of the drying kiln is $9 \times 2=18$ (9 bodies and 9 caps each), and the drying kiln runs directly to the roof, below the ceiling with 300mm and drying height is 2700mm
- 6、Mold qty: $2430 \times 2=4860$ (body、cap)
- 7、Mold size: $L \times W \times T \times PIN=547.7mm \times 15.875mm \times 5.2mm \times 30capsule$
- 8、Disc diameter: 143 mm (9 rods/set).
- 9、Power: 80KW, 380V $\pm$ 10% 50HZ
- 10、compressed air: working pressure 0.5 Mpa consumption: 0.3m³/h。
- 11、Machine color: The base is yellow, color code: transfer yellow AC-Z65. The front panel, cable tray, and electrical control cabinet are gray, with color code: Blue Wrinkle AD-4D38.

II Technical Features:

- 1、. The overall design distribution includes oiling machine, dipping machine, frame, platform machine, transition section, automatic machine, transition section, automatic machine, and transition section.
2. The production line adopts a dual automatic machine configuration and is driven by a fully servo automatic machine.
3. One stick mold guidance adopts a forced flipping form, with separate control design for the body and cap.
4. The oiling pallet adopts a design where the body and cap move back and forth independently.
5. The oiling machine is designed for quick installation.

Hunan Sunlife Pharma Technology Co., Ltd

V066, 6Building, Phase I, Depu Wuhe Industry Zone, NO. 1 and 3, Luosi Tang Road, Changsha Economic Development Zone, Changsha Area, (Hunan) Pilot Free Trade Zone, China

6. The dipping machine uses a servo motor to control the dipping process, and the dipping rack is designed with stainless steel 304 material.
7. Disc design: independent body and cap disc lifting mechanism and body and cap flipping.
8. Side push design with separate control of body and cap, driven by servo motor.
9. The front drag and rear drag adopt a servo motor driven electric cylinder design.
10. The rear lifting platform adopts a servo motor-driven electric cylinder design, with separate control of the body and cap.
11. The lifting and lowering of the platform machine are independently controlled by the body and cap, and driven by servo motors.
12. The center push mold adopts the design method of servo motor driven electric cylinder.
13. The central flipping mold adopts a servo forced flipping method.
14. The platform machine adopts belt transmission for mold feeding, and the body and cap servo motors are separately controlled.
15. The design of the conveyor belt controlled by a servo motor is adopted for the discharge port of the upload conveyor belt (finished capsules).
16. The design form of the capsule discharge port is: two discharge ports (one for each pair of automatic machines).
17. The drying kiln is made of stainless steel 304 material with a thickness of 1.5mm, and the orifice plate is made of rust proof aluminum material. Each air duct tunnel has a kiln damper and No. 9 and No.8 and No.7 Kiln has cooling and heating coils each and PLC will be with temperature module to control the valve.
18. The cooling kiln adopts air conditioning for air supply.
19. The mixing of the glue tank is directly driven by a servo motor and adopts a quick installation form.
20. The rack support design adopts rectangular steel pipes welded together, with a painted outer surface and stainless steel feet that can be adjusted in height.
21. The frame is designed with aluminum alloy profiles, and the frame rollers are processed by grinding seamless steel pipes.

III. Electrical and software programme components list

1. Two pairs of fully servo automatic machines are designed (with a total of 20 servo motors per pair, totaling 40 units), which can achieve the switching function between single automatic machine and dual automatic machine working modes.
2. Automatic machine jog: controlled by a hand cranked pulse transmitter.
3. The control system has an automatic positioning function upon startup, with one click start.
4. The oiling machine is driven by servo motors (with separate control of the body and cap, totaling 4 units).
5. Both the one stick mold pushing unit and the nine stick mold pushing unit are driven by servo motors (2 units in total).
6. One stick flipping mold is driven by servo motor and controlled by forced flipping (body and cap separate control, 2 units in total).
7. The dipping machine unit is driven by servo motors (2 in total) to control the dipping process.

Hunan Sunlife Pharma Technology Co., Ltd

V066, 6Building, Phase I, Depu Wuhe Industry Zone, NO. 1 and 3, Luosi Tang Road, Changsha Economic Development Zone, Changsha Area, (Hunan) Pilot Free Trade Zone, China

8. The disc lifting and flipping are driven by servo motors (4 in total) to achieve flipping and forming control.
9. The side push unit is driven by servo motors and has separate control for the body and cap (2 units in total).
10. The mold conveying unit is divided into front drag, rear drag, and rear lifting platform, all of which are driven by servo motors (a total of 4 units).
11. The center pushing mold, center box lifting, center shifting mold, body center flipping mold, and cap center flipping mold are all driven by servo motors (a total of 5 units).
12. The platform machine lifting and mold conveying are both driven by servo motors, with separate control of the body and cap (a total of 4 units).
13. The upper discharge conveyor belt is driven by servo motors (2 in total).
14. Disc missing mold detection alarm function.
15. Automatic water replenishment control for viscosity detection of adhesive liquid, alarm control for high and low detection of adhesive liquid level (viscosity meter to be purchased by the customer and communication method provided).
16. Temperature control of adhesive solution and temperature over limit alarm control.
17. Temperature control of rubber drum and temperature over limit alarm control.
18. Drying kiln temperature detection and temperature over limit alarm.
19. Voice alarm function, adding production line number+alarm function.
20. The control system has automatic recognition function for overload capsules and damaged dipping capsules, as well as automatic rejection control function.
21. The control system has one key speed regulation function, parameter setting, fault display, operation status display, jog debugging and other functions.
22. The control system provides an interface for uploading production line operation data.
23. Real time display of servo motor torque data.

IV. Controlling system

1. Siemens control system (1 unit) and human-machine touch screen (5 units) are used for control.
2. The servo system adopts Siemens servo.
3. The control system functional modules are connected using distributed I/O wiring.
4. The process control system, motion position signal sensors, intermediate relays, control switches, and wiring terminal blocks are all imported brands such as Phoenix or Weidmuller.
5. The control system has remote maintenance function, which can diagnose and adjust problems that occur during the operation of the production line remotely.

V. Others:

1. The front protective cover of the machine is made of stainless steel brushed plate.
2. The dipping glue alarm adopts the following methods: high liquid level alarm, low liquid level alarm, glue

Hunan Sunlife Pharma Technology Co., Ltd

V066, 6Building, Phase I, Depu Wuhe Industry Zone, NO. 1 and 3, Luosi Tang Road, Changsha Economic Development Zone, Changsha Area, (Hunan) Pilot Free Trade Zone, China

tank temperature alarm, and glue bucket temperature alarm.

3. The inner tank of the glue replenishment tank is made of 316 stainless steel (welding rod, heating tube, water level control valve, etc.) with insulation, and the outer layer is made of 304 stainless steel plate.

4. The capsule discharge port is placed on the cap side of the production line.

VI. Quality standard requirements

<<JB20026-2004 empty capsule automatic production line>>

VII. Trial Production

1. Cold commissioning: After the equipment is transported to the buyer for installation and debugging, and meets the conditions for cold commissioning, it can be subjected to 24-hour cold commissioning with mold strips.

2. During the cold commissioning process, the purchaser shall conduct the following assessments on the equipment:

- ① The equipment runs at a speed of 60 rods per minute and runs smoothly.
- ② The automatic machine runs smoothly, and the coordination of each automatic step is in place.
- ③ The dipping mechanism operates smoothly, the program control of each part is reliable, and the action coordination is in place.
- ④ When the central flipping device works at 60 rods per minute, the flipping is timely, stable, and reliable.
- ⑤ The movement of the mold during transportation is reliable, and there is no inertial slip when the mold runs to the end point.
- ⑥ No fault free parking is allowed during the cold commissioning process of the equipment.
- ⑦ During the 24-hour continuous cold test, the same part of the vehicle is not allowed to have more than 3 faults (including). After the completion of the test run, the supplier shall conduct a comprehensive inspection and adjustment of the parts that have repeatedly malfunctioned.
- ⑧ During the 24-hour continuous cold test, the cumulative number of parking faults is not allowed to exceed 6 times per day.
- ⑨ During the 24-hour continuous cold test, the cumulative parking fault is not allowed to exceed 30

Hunan Sunlife Pharma Technology Co., Ltd

V066, 6Building, Phase I, Depu Wuhe Industry Zone, NO. 1 and 3, Luosi Tang Road, Changsha Economic Development Zone, Changsha Area, (Hunan) Pilot Free Trade Zone, China

minutes/day. If it exceeds 30 minutes/day, it will be considered as a failure of the supplier's cold test.

Customer list for reference

No.	Year	Customer	Qty	Country
1	2018.04-05	Qingdao Yiqing Biology Co. Ltd	1	Qingdao, China
2	2019.02	Qingdao Yiqing Biology Co. Ltd	1	Qingdao, China
3	2019.03	Qingdao Yiqing Biology Co. Ltd	8	Qingdao, China
4	2019.07	Zhejiang Huaguang Co. Ltd	2	Zhejiang, China
5	2019.08	Qingdao Yiqing Biology Co. Ltd	9	Qingdao, China
6	2019.08	Qingdao Yiqing Biology Co. Ltd	1	Qingdao, China
7	2019.12	Shijiazhuang Huajia Capsule Co. Ltd	1	Shijiazhuang, China
8	2020.03	Zhejiang Huaguang Co. Ltd (for modify the production line)	4	Zhejiang, China
9	2020.08	Zhejiang Yuexi Capsule Co., Ltd	4	Zhejiang, China
10	2020.09	Qingdao Yiqing Biology Co. Ltd (for modification)	4	Qingdao, China
11	2021.2	Qinghai Mingnuo Capsule Co., Ltd	1	Qinghai, China
12	2021.02	Guangzhou Jinyi Co., Ltd	1	Guangzhou, China
13	2021.10	Qingdao Yiqing Biology Co. Ltd	1	Qingdao, China
14	2022.11	Zhejiang Zhongya Co., Ltd	4	Zhejiang, China
15	2023.04	Yantai Dongfang Shenzhou Biology Co., Ltd	5	Yantai, China
16	2023.12	Qingdao Yiqing Biology Co. Ltd	16	Qingdao, China
17	2024.05	Zhejiang Huaguang Co., Ltd	2	Zhejiang, China
18	2024.08	Guangdong Kaiping Jinyi Co., Ltd	2	Guangdong, China

Hunan Sunlife Pharma Technology Co., Ltd

V066, 6Building, Phase I, Depu Wuhe Industry Zone, NO. 1 and 3, Luosi Tang Road, Changsha Economic Development Zone, Changsha Area, (Hunan) Pilot Free Trade Zone, China

19	2024.12	Ningbo Fengyuan Capsule Co.,Ltd	4	Ningbo,China
20	2025.12	Qingdao Yiqing Biology Co. Ltd	16	Qingdao,China
Following Customer by mother company named Jinwan Group but same team				
1	2004-2016	Qingdao Yiqing Biology Co. Ltd	39	Qingdao,China
2	2013-2014	Anhui Huangshan Co., Ltd	20	Anhui,China
3	2007-2016	Zhejiang Huaguang Co.,Ltd	18	Zhejiang,China
4	2015	Shanxi Yushe Co.,Ltd	4	Shanxi,China
5	2011-2014	Jilin Aodong Co.,Ltd	6	Jilin,China
6	2015	Shandong Heerxi Co.Ltd	4	Shandong,China
7	2009-2011	Zhejiang Zhongya Co.,Ltd	4	Zhejiang,China
8	2015	Hubei Renfu Capsule Co.,Ltd	4	Hubei,China
9	2007-2009	Qinghai Mingnuo Capsule Co.,Ltd	7	Qinghai,China
10	2016	Chongqing Qianjianghengsheng Capsule Co.,Ltd	4	Chongqing,China
11	2003,2011	Ethiopia Co., Ltd	7	Ethiopia
12	2010	Thailand Capsule Co.,Ltd	6	Thailand
13	2006-2012	India Capsule Co.,Ltd	5	India
14	2011	Saudi Arabia Capsule Co.,Ltd	4	Saudi Arabia