

RELIABLE BUSINESS
PARTNER FOR COMPANIES WORLDWIDE.



MINGMING EUROPEAN LOGISTIC HUB IS IN
NORTHERN ITALY WHICH ALLOWS TO OFFER ALSO
FAST TECHNICAL SUPPORT ALL OVER EUROPE.



QINGTIAN MINGMING COSMETICS MACHINERY TRADING CO., LTD.

- Address: Room 1402, Building 6, Golden Home,
Youzhu Street, Qingtian County, Lishui City, Zhejiang Province, China
- Tel: +86 178 2693 1829
- WhatsApp: +39 3270570497
- Email: info@mingmingmachinery.com
- Website: www.mingmingmachinery.com



Wechat

MINGMING MACHINERY



Industrial machinery
for the cosmetic,
pharmaceutical and
food sectors



Mingming 铭铭

MACHINERY



MINGMING DESIGNS AND MANUFACTURES TURBOEMULSIFIERS, FILLING LINES, FILLING MACHINES, CAPPING MACHINES, SEALING MACHINES, LABELLING MACHINES AND MUCH MORE.

Mingming is born from the union of European design professionalism, combined with the quality of Chinese production: low-cost industrial machinery with excellent performance, intended for the cosmetic, pharmaceutical and food sectors.

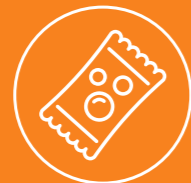
IN WHICH SECTORS ARE MINGMING MACHINES USED



Cosmetics



Pharmaceutical



Food



Nutraceutical



Chemical



ABOUT US

The European design professionalism, combined with the quality of Chinese production, gives life to Mingming: low cost industrial machinery with excellent performance.

European design, Chinese production, unbeatable quality-price.

The designers and technicians involved in this new business project are specialists with a long experience in the field of cosmetic, pharmaceutical and food industrial machines. Mingming was born with the desire to offer high quality industrial machinery at low costs and allow anyone, from small laboratories to large companies, to create their own handcrafted products: face and body creams, gels, make-up, toothpaste, hair products, etc.

Explore the wide range of machinery available, designed to meet the needs of different application sectors, such as the cosmetic, pharmaceutical, chemical and food industries. From mixing to filling, packaging to labeling, Mingming machines meet every production need.

Mingming also offers a large assortment of spare parts: DIN fittings, Clamp fittings and complementary accessories, all complying with current regulations. Valves, filters, tubing, clamps, gaskets and more. Each part ensures easy installation, a secure seal, hygiene and safety of your production line. With many sizes and different variants available for each element, you can find the right fittings for your plant.

Customers can count on comprehensive after-sales support as well. With a highly qualified team, Mingming guarantees timely and effective technical assistance.

Reliable business partner for companies worldwide.

Thanks to the excellent price-performance ratio of Mingming machines, the Customer can benefit from a competitive advantage in international markets. We export our low-cost industrial machinery to all countries and can offer a complete logistic support. We are committed to ensuring that our products reach overseas Customers in a safe and timely manner, with the utmost seriousness in handling shipments.





LEAN PRODUCTION

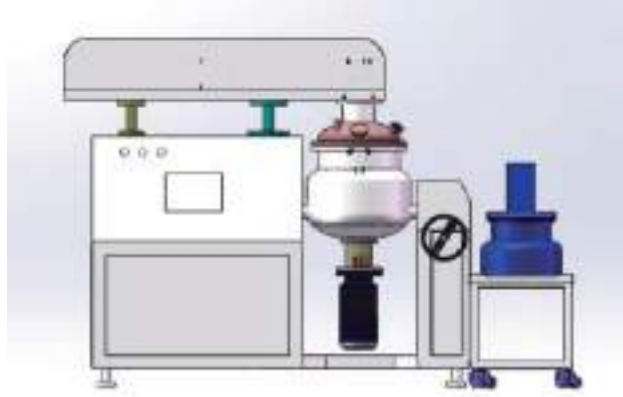
Mingming has high-precision CNC machining tools and machining centers, advanced production equipment, fine technique and strict and perfect quality management system, and moreover, we gather professional elites and science and technology team with leading level, so as to make full use of new technologies, new techniques and new materials to guarantee stability and reliability of products. Our product quality originates from advanced manufacturing means, and the concept of fine products stems from continuous innovation.



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LIFT TYPE HOMOGENEOUS VACUUM EMULSIFIER



USE

It is suitable for production of ointment and cream products in cosmetic and pharmaceutical plants. The emulsifying effect is more prominent for materials of high base viscosity and high solid content.

DEFINITION OF VACUUM EMULSIFIER

It means that when the materials are under the vacuum condition, it makes use of the high shear emulsifier to distribute one or several phases to another continuous phase rapidly and evenly. The materials will be processed in the narrow space between stator and rotor by strong energy of motion produced by the mechanical effect. By the operation of hydraulic shearing, centrifugal extruding, impacting, breaking and turbulence for over 100 thousand times per minute, the materials will be dispersed and emulsified instantly and evenly. After reciprocating circulation at high frequency, the fine finished products of stable and high quality without bubbles will be achieved.

USAGE AND APPLICATION FIELD

The product is mainly applied in such industries as daily chemical care products, biopharmaceutical industry, food industry, paint and ink, nanometer materials, petrochemical industry, printing and dyeing auxiliaries, pulp & paper, pesticide, fertilizer, plastic & rubber, electrics and electronics, fine chemical industry, etc. The emulsifying effect is more prominent for materials of high base viscosity and high solid content.



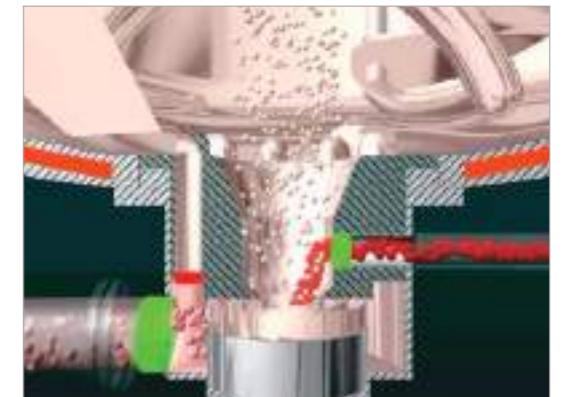
PARAMETERS

Model	Capacity	Homogenizer Motor		Stir Motor		Total Power(KW)		limit vacuum (Mpa)
		KW	r/min	KW	r/min	Steam heating	Electric heating	
MM-H50	50L	3-5.5	0-3000	1.1	0-63	9	18	-0.09
MM-H100	100L	4-7.5	0-3000	1.5	0-63	13	32	-0.09
MM-H200	200L	5.5-11	0-3000	2.2	0-63	15	45	-0.09
MM-H300	300L	7.5-11	0-3000	2.2	0-63	18	49	-0.085
MM-H500	500L	11	0-3000	4	0-63	24	63	-0.08
MM-H1000	1000L	15	0-3000	5.5	0-63	30	90	-0.08
MM-H2000	2000L	15	0-3000	7.5	0-63	40	-	-0.08

Note: In case of inconformity of the data in the table due to technical improvement or customization, the real object shall prevail.



HOMOGENIZER RECYCLING SYSTEM

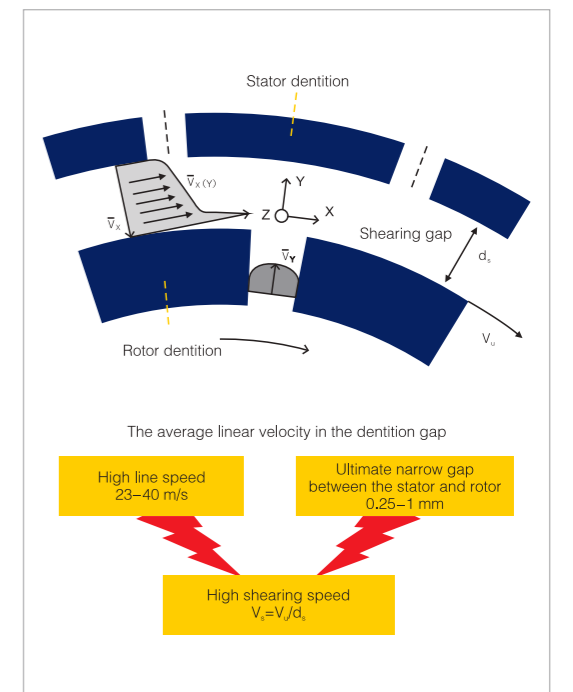


200L TO 1000L

- ◆ With 2 to 3 highly effective, independent mixing tools to ensure the best mixing quality.
- ◆ Simple structure, the best configuration.
- ◆ Exterior components are specially designed and protected for easy cleaning.

Solutions can facilitate the production of formulations with complex rheological properties that may well go beyond liquidity limits, enabling single batch melting, dispersing, emulsifying, solid mixing without conversion or intermediate stages.

- ◆ Can be equipped with vacuum pressure options and automatic temperature control.
- ◆ The equipment includes a CIP cleaning system to ensure the overall cleanliness and efficiency.
- ◆ Designed for operation in a closed / white-room environment, with other components available in the technical area.

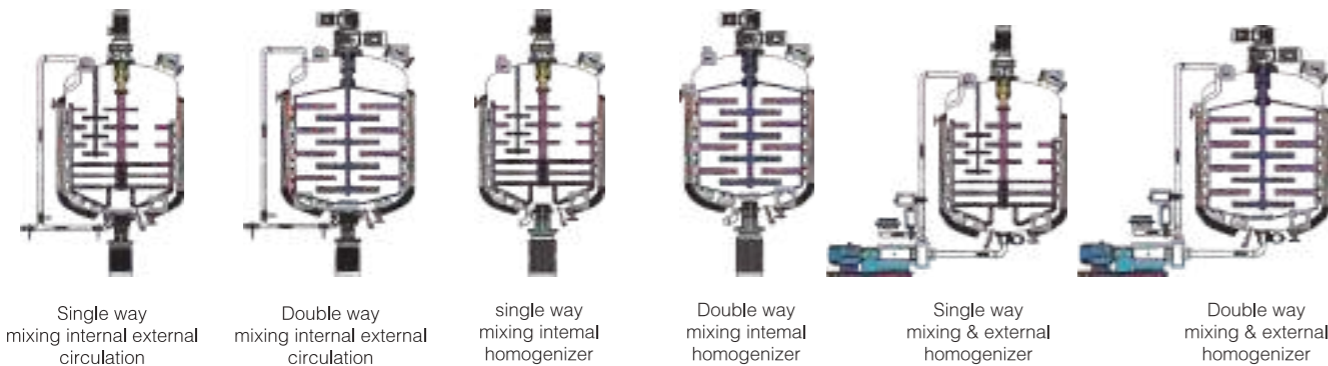


VACUUM EMULSIFYING MIXER(FIXED TYPE)



PERFORMANCE AND FEATURES

The vacuum emulsifier produced by our company has introduced advanced foreign technology and is professionally designed according to the ointment process of cosmetics and ointment products. The machine unit is composed of pre-treating boiler, vacuum emulsifying and blending boiler, vacuum pump, hydraulic system, dumping system, electric control system and work platform etc. The machine unit is featured by simple operation, stable performance, good homogenizing performance, high production efficiency, convenient cleaning, reasonable structure, small land area and high automatic degree etc.



Single way mixing internal external circulation

Double way mixing internal external circulation

single way mixing internal homogenizer

Double way mixing internal homogenizer

Single way mixing & external homogenizer

Double way mixing & external homogenizer

LIQUID WASHING MIXER



PERFORMANCE AND FEATURES

- ◆ The all-round wall scraping mixing adopts the frequency converter for speed adjustment, so that high quality products of different processes according to customer requirements.
- ◆ The diversified high-speed homogenizer can powerfully mix solid and liquid raw materials and can rapidly dissolve many indissoluble materials such as AES, AESA, LSA, etc. during the liquid detergent production process so as to save energy consumption and shorten production period.
- ◆ The pot body is welded by imported three-layer stainless steel plate. The tank body and the pipes adopt mirror polishing, which fully conforms to GMP requirements.
- ◆ According to customer requirement, the tank can heat and cool materials. The heating way including steam heating and electric heating. Easy to discharge, bottom direct discharge or by transfer pump.

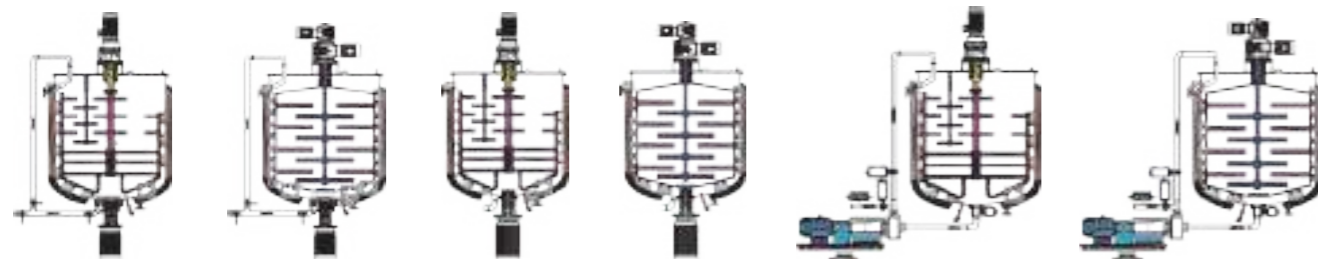


TECHNICAL PARAMETER

Model	Volume(L)	Blending power (kw)	Blending rotation speed (r/min)	Homogenizing power (KW)	Homogenizing rotation speed (r/min)	Heating method
MM-M200	200	1.5	0~63	4.0	0~3200	Steam heating or electric heating
MM-M500	500	3.0	0~63	7.5	0~3200	
MM-M1000	1000	4.0	0~63	11	0~3200	
MM-M1500	1500	5.5	0~63	11~15	0~3200	
MM-M2000	2000	7.5	0~63	15~18.5	0~3200	
MM-M3000	3000	7.5~11	0~63	18.5~22	0~3200	
MM-M5000	5000	11~15	0~63	18.5~22	0~3200	

Note: In case of inconformity of the data in the form due to technical improvement or customization, the real object shall prevail.

LIQUID WASHING MIXER



Single way mixing internal & external circulation Double way mixing internal & external circulation Single way mixing internal homogenizer Double way mixing internal homogenizer Single way mixing & external homogenizer Double way mixing & external homogenizer

LABORATORY EQUIPMENT

LABORATORY VACUUM EMULSIFYING MIXER

Technical features: electric lifting, imported homogenizer, equipped vacuum pump and heating/cooling device.
Working capacity: 1L, 2L, 5L, 10L
Homogenization speed: 10000–34000RPM (frequency control)



Homogenizer Homogenizer Mixer Homogenizer



Microscope Rotary viscometer Moisture analyzer Centrifugal machine Constant temperature incubator

CIP CLEANING EQUIPMENT

APPLICATION

At present, Intelligentized CIP system is widely used biological fermentation and pharmaceutical industries with high requirement of clean so that it reaches sanitary and sterile effect.

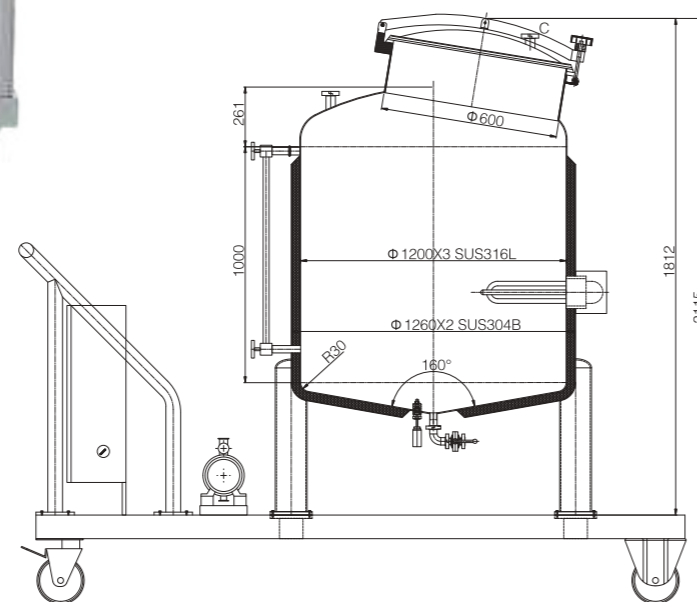
The CIP cleaning system developed for the characteristics of the daily chemical industry is highly efficient and artistic, and is favored by customers.



Intelligentized CIP cleaning system



Simple and easy CIP cleaning system



STORAGE TANK



Movable storage tank



Movable storage tank (with pneumatic mixing)



Double-layer storage tank



Movable flat cover storage tank



Flat cover pneumatic mixing tank



Square storage tank



Water storage tank



Pressure insulation storage tank



Fixed sanitation standard storage tank (with mixer)

RO REVERSE OSMOSIS WATER TREATMENT



SUMMARY OF REVERSE OSMOSIS

Reverse osmosis technology is a modern high technology developed recently in China. Reverse osmosis is to separate water from solution after it permeates the specially-made semi-transparent membrane through exerting a pressure that is higher than the osmosis pressure on the solution. As this process is reverse to the natural permeation direction, it is called reverse osmosis. According to different osmosis pressures of various materials, the process of reverse osmosis with a pressure higher than the osmosis pressure can be used to reach the purposes of separation, extraction, purification and concentration of a certain solution. It does not need heating and there is no phase changing process; therefore, it saves more energy than traditional process.

PERFORMANCE AND FEATURES

- ◆ This system occupy little space, easy to operate, wide application range.
- ◆ When used for disposing industrial water, the reverse osmosis device does not consume large amounts of acids and alkalis, and there is no secondary pollution. In addition, its operation cost is also low.
- ◆ Reverse osmosis desalting rate $\geq 99\%$, machine desalting rate $\geq 97\%$. 98% of organic matters, colloids and bacteria can be removed.
- ◆ Finished water under good electric conductivity, one stage $\leq 10 \mu\text{ s/cm}$, two stage around $2-3 \mu\text{ s/cm}$, EDI $\leq 0.5 \mu\text{ s/cm}$ (base on raw water $\leq 300 \mu\text{ s/cm}$).
- ◆ High operation automation degree. It is unattended. The machine will automatically stop in case of water sufficiency and automatically start in case of no water. Timed flushing of front filtering materials by automatic controller. Automatic flushing of reverse osmosis film by IC microcomputer controller. Online display of raw water and pure water electric conductivity.
- ◆ Imported parts account for over 90%.

TECHNICAL PARAMETER

Model	Capacity(T/H)	Power(KW)	Recovery(%)	One Stage Finished Water Conductivity ($\mu\text{ s/cm}$)	Two Stage Finished Water Conductivity ($\mu\text{ s/cm}$)	EDI System Finished Water Conductivity ($\mu\text{ s/cm}$)	Raw Water Conductivity ($\mu\text{ s/cm}$)
RO-500	0.5	0.75	55-75	≤ 10	2-3	≤ 0.5	≤ 300
RO-1000	1.0	2.2	55-75				
RO-2000	2.0	4.0	55-75				
RO-3000	3.0	5.5	55-75				
RO-5000	5.0	7.5	55-75				
RO-6000	6.0	7.5	55-75				
RO-10000	10.0	11	55-75				
RO-20000	20.0	15	55-75				

RO REVERSE OSMOSIS WATER TREATMENT



One stage RO pure water equipment



First grade reverse osmosis +EDI



Secondary reverse osmosis



Secondary reverse osmosis



EDI System



Ozone generator



Over-current type ultraviolet sterilizer



Mixed bed

BOTTLE FEEDER

SCOPE OF APPLICATION

It is suitable for the automatic sorting, orientation and conveying of various plastic bottles and glass bottles (round bottles); it is widely used in the pharmaceutical, chemical, food and beverage industries.

FEATURES

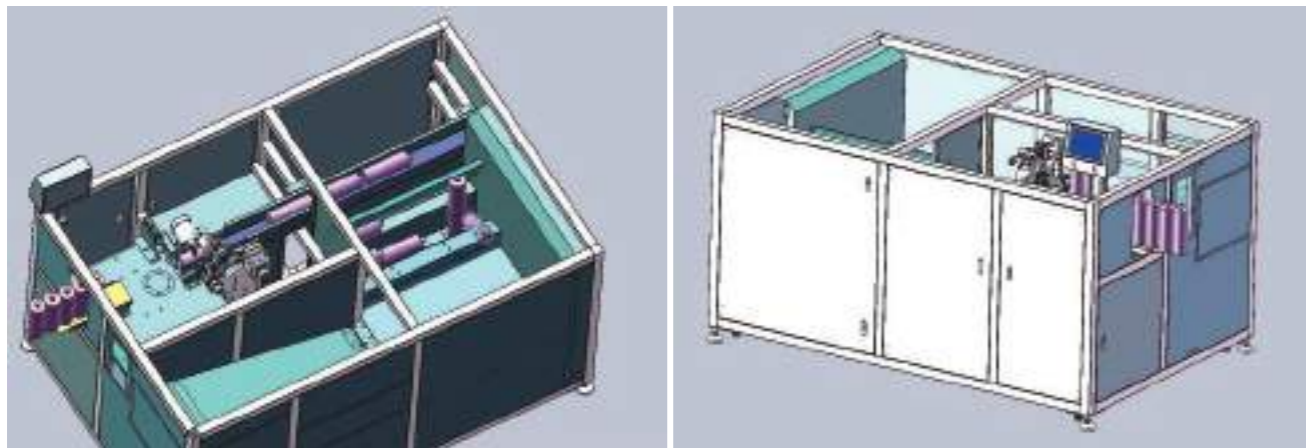
- ◆ Composed of a rotating disc and a bottle outlet.
- ◆ Easy to operate, no special training required.
- ◆ Stepless speed regulation is stable.
- ◆ The machine is made of 304 stainless steel and has a beautiful appearance.

TECHNICAL PARAMETER

- ◆ Model: XBSP-1200
- ◆ Bottle body: $\Phi 20-100\text{mm}$
- ◆ Bottle height: 30-250mm
- ◆ Power supply: AC220V 50/60Hz
- ◆ Total power: 200W
- ◆ Speed: 4000-5000bs/hr



AUTOMATIC INTELLIGENT BOTTLE UNSCRAMBLER



AUTOMATIC LIQUID & CREAM TRACKING FILLING LINE



PERFORMANCE AND FEATURES

- ◆ Suitable for different bottle shapes and products, like liquid soap, detergent, shampoo, hair conditioner etc.
- ◆ Automatic PLC control system, easy setting parameters on HMI
- ◆ Intelligent recipe save function for different products
- ◆ "One Button Shift" for quick changing different bottles, without manual operation
- ◆ Tracking filling system with high filling speed 60-90BPM
- ◆ Servo filling system with higher filling accuracy, piston cylinder independent control, volume also can be adjusted separately
- ◆ Equipped with double head high speed capping system, torque adjustable, pump head can be positioned
- ◆ 300L product hopper with Sight glass window, CIP clean system and Material Level Controller
- ◆ All contact parts adopt SUS316L, other parts use SUS304

Automatic Tracking Filler is a new type of high speed filling machine, it's widely used for packing viscous liquid and cream products in cosmetic, food, chemical, pharmaceuticals industries. High filling speed, high efficiency and wide applicability, it's suitable for high output, with automatic filling, bottle detecting, capping functions.

TECHNICAL PARAMETER

- ◆ Filling heads: 2/4/6/8 heads
- ◆ Filling range: piston mode, 50 - 1000ml, pump mode, 20 - 5000ml
- ◆ Capacity: 60-90 BPM
- ◆ Filling type: Automatic tracking piston filling
- ◆ Filling accuracy: $\pm 0.5\%$
- ◆ Dimension: 6800 x 1100 x 1830mm
- ◆ Power supply: 3KW, 110/220V, 50/60Hz, single phase

AUTOMATIC LIQUID GEAR PUMP FILLING LINE



- ◆ Suitable for liquid and oil products
- ◆ Standard 4-6-8 filling heads option, also customizable
- ◆ Automatic detection system, no bottle no filling
- ◆ Magnetic pump filling, Cylinder or Servo motor drive nozzles
- ◆ Filling range: 2L/min, 5L/min and Customize
- ◆ Speed: 30-40BPM
- ◆ HMI auto control

AUTOMATIC SERVO PISTON FILLING LINE



- ◆ Suitable for viscous liquid and cream products
- ◆ Standard 4-6-8 filling heads option, also customizable
- ◆ Automatic detection system, no bottle no filling
- ◆ Servo motor control piston filling cylinder, high filling precision
- ◆ Filling range: 50-500ml, 100-1000ml, 500-5000ml (customized)
- ◆ Speed: 30-40BPM
- ◆ HMI Control system

AUTOMATIC LIQUID & CREAM CYCLE FILLING LINE



- ◆ Suitable for liquid, lotion, cream, mascara etc. products
- ◆ Automatic filling, inner plug pressing, capping and finishes product discharge
- ◆ 4 heads Servo piston filling system, filling volume, speed adjusted through HMI
- ◆ Capping speed and torque adjustable through HMI
- ◆ Linear operation, automatic recycled mold
- ◆ Mold adjusted by servo system for quick changing different bottles
- ◆ Servo motor control filling to prevent material spray and bubbles
- ◆ Filling range: 30-200ml (customized)
- ◆ Production capacity: 1500-3000BPH

AUTOMATIC CREAM ROTARY FILLING CAPPING MACHINE



Rotary Piston Filler is widely used for higher output, suitable to handle high viscous products like face cream jars. With automatic bottle feeding, detecting, filling, cap feeding and capping functions.

TECHNICAL PARAMETER

- ◆ Filling volume: 3-250ml (customized)
- ◆ Speed: 30-40BPM
- ◆ Filling precision: $\geq 99\%$
- ◆ Main power: 1KW, 110/220V, 50/60Hz

AUTOMATIC DROPPER BOTTLE ROTARY FILLING LINE



Rotary Dropper Filler is suitable for packing liquid and essential oil products. With automatic bottle feeding, peristaltic pump filling, spray pump feeding, servo capping and bottle collection tables.

TECHNICAL PARAMETER

- ◆ TECHNICAL PARAMETERS
- ◆ Filling volume: 5-100ml (customized)
- ◆ Speed: 30-40BPM
- ◆ Filling precision: $\geq 99\%$
- ◆ Main power: 2KW, 110/220V, 50/60Hz

AUTOMATIC CREAM & PASTE FILLING MACHINE



Two heads automatic paste filling machine + feed bottle machine



Automatic paste filling machine (round wheel type)



Two heads automatic paste filling machine (round wheel)



Single head automatic paste filling machine



Full-automatic servo filling



Automatic one head piston filling machine

AUTOMATIC LIQUID FILLING MACHINE



Four-head automatic liquid filling machine



Six-head automatic liquid filling machine



Four-head automatic liquid filling machine



Full automatic gravity type filling machine



SEMI-AUTOMATIC FILLING MACHINE



Horizontal pneumatic liquid filling machine



Horizontal Pneumatic ointment and liquid filling machine



Horizontal 2-heads filling machine



Pneumatic horizontal cream & liquid filling machine



Two heads vertical pneumatic ointment and liquid filling machine



Vertical paste filling machine



Vertical pneumatic thermostat paste filling machine

TECHNICAL PARAMETER

Model	Filling volume	Filling precision	Air consumption	Air source pressure	Productivity
MM-15	5-150ml	± 0.2%	23L/min	0.2-0.8MPA	20-50bot/min
MM-25	10-250ml	± 0.2%	30L/min	0.2-0.8MPA	20-50bot/min
MM-50	30-500ml	± 0.2%	44L/min	0.2-0.8MPA	20-40bot/min
MM-100	60-1000ml	± 0.2%	87L/min	0.2-0.8MPA	20-30bot/min
MM-250	250-2500ml	± 0.2%	160L/min	0.4-0.8MPA	10-25bot/min
MM-500	500-5000ml	± 0.2%	300L/min	0.4-0.8MPA	5-15bot/min

SEMI-AUTOMATIC FILLING MACHINE



Feeder



Pressure filling machine



Powder filling machine



Water injection filling machine



Peristaltic pump liquid filling machine



Gear pump liquid filling machine



Eyelash cream filling machine



Ceramic pump high speed filling machine



Ceramic pump filling machine

AUTOMATIC TUBE FILLING SEALING MACHINE



The machine can automatically orientate eye marks, filling, sealing, printing date and cutting the end. This machine is widely used in daily cosmetic, medicine and food industries. Characteristics: A reliable thermo-air heating system composes of high efficient heater and stable flow meter imported from Germany are applied. It adopts touch screen, PLC control, auto tube feeding and positioning. The seal is firm and high efficient. The filling heads in different specifications are prepared for materials in different thickness.

TECHNICAL PARAMETER

- ◆ Capacity: 2400-3600 tubes/hour
- ◆ Filling volume: 2-5ml, 5-30ml, 10-140ml, 30-300ml
- ◆ Heat sealing: Inner heating, 3KW
- ◆ Main power: 2KW
- ◆ Dimension: 2620 x 1236 x 1980mm



AUTOMATIC ULTRASONIC TUBE FILLING SEALING MACHINE



Automatic tube loading, mark checking, filling, ultrasonic sealing, date printing, cutting and discharge finished tubes. Ultrasonic sealing and coding on one station can seal different shape tails, good sealing appearance.

TECHNICAL PARAMETER

- ◆ Application: Plastic, laminated tubes
- ◆ Capacity: 20-35 pcs/min
- ◆ Sealing dia: Φ 5-50mm (customized)
- ◆ Tube height: 10-250mm
- ◆ Filling range: 3-30, 6-60, 10-120, 25-250, 50-500ml
- ◆ Power: 2KW
- ◆ Voltage: 220V/50Hz, 110V/60Hz, 1PH



SEMI-AUTOMATIC TUBE FILLER



Semi auto aluminum tube filling sealing machine

PRODUCT INSTRUCTION

Aluminum tube filling and sealing machine used for Aluminum Tube is one of main latest products of our company. It is full automatic. This machine can be used for filling cream and liquid materials, and it is characteristics with firm filling, high precision of dosage. The three functions of filling, sealing and batch numbering can be automatically completed. It is widely used in pharmacy, daily chemical, food, chemical industries, such as for filling pharmacy cream, hair colorante, toothpaste, leather oil, glue, AB glue, Nanp-epoxy adhesive, Neoprene adhesive etc. Convenient and quick dosage adjustment, high efficiency, good-looking, compact structures are the features of the machine. The tube cups can be adjusted according to the tube dimensions. The important parts of the machine which contact directly to the filling material are made of stainless steel (SUS304 is for general use, and SUS316L is for pharmacy use). A special valve makes this machine be suitable for filling cream and liquid material. It is an ideal and economical filling machine in the pharmacy, daily chemical, fine chemical and other fields.



Semi auto ultrasonic tube sealing machine



Semi auto ultrasonic tube filling sealing machine



AUTOMATIC CAPPING MACHINE



Automatic tracking capping machine

Automatic 8-wheels high speed capping machine

Automatic capping machine



Pressing type capping machine

Screw type capping machine

Pneumatic vial crimping machine

Cap pressing machine



SEALER MACHINE



Roll film sealing machine

Semi auto induction aluminum foil sealing machine

Automatic induction aluminum foil sealing machine



Continuous air-cooling induction foil sealing machine



Water-cooling electromagnetic induction foil sealing machine



Electric inductor aluminum foil sealing machine



Multi-function automatic plastic film continuous sealing machine



Horizontal type plastic film continuous Sealing machine

LABELING MACHINE



Automatic double-side labeling machine



Single side round bottle labeling machine



Automatic round and flat bottles labeling machine



Automatic high speed wrap labeling machine



Round bottle labeling machine



Semi-automatic flat bottle labeling machine

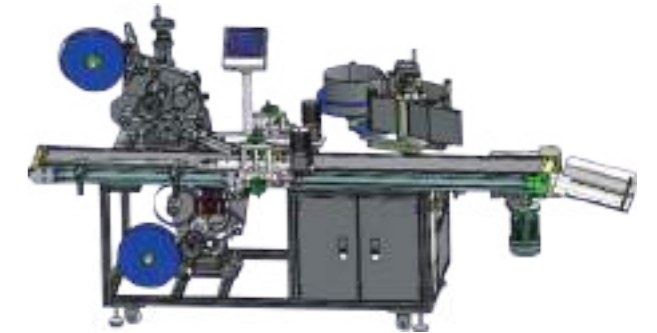


Round bottle labeling machine

LABELING MACHINE



Automatic round labeling machine



Top and bottom sides automatic labelling machine



Automatic round bottle labeling machine



Automatic horizontal labeling machine



Automatic top plane labeling machine



AUTOMATIC CARTONING MACHINE

Widely used for packing tubes, bottles and other similar products. Automatic leaflets folding, carton opening, products feeding, fold carton and emboss batch numbers in one unit.

Also can be connected to filling machine and other machines to be a full production line with high efficiency production.

TECHNICAL PARAMETER

- ◆ Capacity: 80 cartons/min
- ◆ Carton size: Min. 50 x 20 x 15mm, Max.190 x 90 x 60mm
- ◆ Carton material: 250g/m²–350g/m²
- ◆ Main power: 1.5KW
- ◆ Dimension: 3300 x 1150 x 1750mm



AUTOMATIC FILM PACKING MACHINE

Machine is suitable for overwrapping different specs of carton, box with BOPP film or PVC materials, like perfume, facial masks, cigarettes case etc.

It can do packing automatically, products feeding, overwrapping, folding, side sealing, end sealing, upper and bottom shaping, counting, and automatically sticking tear tape to single or multiple boxes; It also has the save function of specifications, surface ironing and point ironing functions.

TECHNICAL PARAMETER

- ◆ Capacity: 15–40 cases/min
- ◆ Packing material: BOPP, PVC, tear tape
- ◆ Packing size: L50–270, W40–150, H19–85mm
- ◆ Power: 380V, 50/60Hz, 9.5KW (customized)
- ◆ Conveyor: 1500 x 320 x 860mm
- ◆ Dimension: 1821 x 860 x 1600mm



AUTOMATIC VERTICAL CARTONING MACHINE

The new series cartooning machine built with "BALCONY" design, allowing the mechanical working parts separated from the packaging area. It respects the present accident prevention maintenance and hygienic laws. The machine works with intermittent motion and with electric synchronisms controls, PLC and touch display control system functions recall-able, it is possible memorizing 100 menus with relative date for 100 different productions. Conveyor type box magazine for easy loading boxes and change over to new box size easily. Special box open device with two side suction cup by means of pull open box stably.

TECHNICAL PARAMETER

- ◆ Machine size: 1600 x 1200 x 1500mm
- ◆ Capacity: Max.60 cartons/min
- ◆ Air consumption: 1.5/NL per cycle at 5kg/cm²
- ◆ Power supply: 1.1Kw
- ◆ Carton size: W20–80mm, H20–80mm, L60–200mm
(Special format size on request)



FILM MACHINE



SACHET FILLING PACKING MACHINE



Powder sachet packing machine



Liquid sachet packing machine



SACHET FILLING PACKING MACHINE

This machine integrates bag producing, counting, filling, sealing and bag cutting, and is divided into single bag packaging machine and four bags packaging machine, both adopt three sides or four sides sealing, the sealing effect is firm and the unqualified rate is low. This series machine is widely applied in daily chemical, food, pharmacy, and chemical industries the packaging materials include: paper/polyethylene; polyester. Polyethylene; nylon/polyethylene; polyester/aluminum foil/polyethylene, etc.

◆Packable specifications: three-sided sealing, back sealing, four-sided sealing.



Irregular shaped bag packing machine



Powder granule sachet packing machine + material supplier



Automatic sauce packaging machine



Multi lanes packing machine



Double-hopper cream packing machine



Auto sachet packing machine for liquid



Auto sachet packing machine for granules



Auto sachet packing machine for powder



L TYPE AUTO TIDY & SHRINK PACKAGING

Automatic sealing machine, and supporting the use of the assembly line, the use of anti-stick temperature thermostat aluminum seal knife, sealing line will not break, no smoke, zero pollution automatic feeding, the length of the combination of electric eye and timer automatically adjust the installation A set of vertical electric eye thin and small package, but also can be easily completed, the film material automatically by the motor coiling.

TECHNICAL PARAMETER

- ◆ Max packing dimension: L550 × W450 × H120mm
- ◆ Packing speed: 1500–1800pc/h
- ◆ Rated power: 1 Φ 220V 1.3 Kw
- ◆ Shrink time/temperature: 0.5–1.5S / 0–0.6S / 0–250°C
- ◆ Dimension: L 1655 × W 850 × H 1380mm



AUTO (PE) TIDY & SHRINK PACKAGER

TECHNICAL PARAMETER

- ◆ Horizontal Height and length of infeed Conveyor: 850 ± 50mm/1500mm
- ◆ Max packing dimension: L600 × W300 × H300mm
- ◆ Packing Speed: 8–18pcs/min
- ◆ Rated Power: 1 Φ /220V/50Hz/2KW
- ◆ Shrink time/temperature 0.5–1.5S/0–0.6S/0–250°C
- ◆ Width of the Film/thick: Max600mm/0.04–0.12mm
- ◆ Dimension: L3840 × W1000 × H1950mm
- ◆ Gross weight: 600kg



SHRINKING SLEEVE INSERTING MACHINE



TECHNICAL PARAMETER

- ◆ Speed: 100bpm
- ◆ Power supply: Φ AC220V 50/60Hz
- ◆ Power consumption: 3Kw
- ◆ Outside size: 2400(L) × 9500(W) × 2500(H)
- ◆ Quantity of air consumed: 50kg/hr
- ◆ Container range: 30–85mm (Dia.)
- ◆ Label range: 40–240mm (L) 0.035–0.082mm (Thickness)



STEAM SHRINKING TUNNEL

TECHNICAL PARAMETER

- ◆ Power supply: Φ AC220V 50/60Hz
- ◆ Power consumption: 0.75Kw
- ◆ Outside size: 2000(L) × 400(W) × 2100(H)
- ◆ Quantity of air consumed: 35kg/hr
- ◆ Pressure of steam: 5kg/cm²



CONVEYOR BELT

BELT CONVEYOR

The belt conveyor is an economic conveying device, which is suitable for conveying powder and granule materials below 100kg. It has such features as stable operation, low noise, continuous conveying and beautiful appearance etc. In addition to conveying ordinary materials, the belt conveyor can also convey oil-resistant, heat-resistant, anticorrosive and anti-static special materials.



Belt conveyor

CHAIN SCRAPER CONVEYOR

The conveying surface of the chain scraper conveyor is flat and smooth with small friction. The transition of materials between the conveying lines is stable. It can be used to convey various glass bottles, PET bottles and pop cans etc. materials, as well as various luggage and baggage. The chain scraper can be made of stainless steel and engineering plastic materials. The flat plates or dissepiments of various structures and forms connecting the traction chain can be used as supporting components to support and convey materials.



Chain scraper conveyor



Movable transfer conveyor



Customized conveyor

PRINTING MACHINE

INKJET PRINTING MACHINE

- ◆ Printing character types: Arabic numerals, English, Chinese, graphics, trademarks, etc.
- ◆ The nozzle has stable ink jetting pressure, and setting, automatic detection and adjustment can be carried out.
- ◆ The advanced ink viscosity measuring device and accurate control software ensure long-term constant ink viscosity.
- ◆ The unique phase detection circuit and software are adopted to ensure printing quality under various environments.



LASER PRINTING MACHINE

Effectively reduce production costs, reduce consumables, and improve production efficiency. The anti-counterfeiting effect is obvious, and the laser coding technology can effectively inhibit the counterfeiting of product identification. Conducive to product tracking records, the laser printer can print the batch number, production date, shift, etc. of the product. It can make every product get good tracking performance.



BLISTER PACKING MACHINE

- ◆ Blanking times: 20–35 times/min
- ◆ Max. molding area and depth length: 120* width 260* depth 26mm (PVC hard 15–60 silk)
- ◆ Standard stroke range: 30mm–120mm
- ◆ Total power: 380V/50Hz 3.8kW
- ◆ Compressed air pressure: 0.6–0.8MPa
- ◆ Compressed air consumption: $\geq 0.3\text{m}^3/\text{min}$
- ◆ Cooling mode refrigeration cycle or water cooling
- ◆ Noise index: < 65dB
- ◆ Dimension(L x W x H): 2315 x 635 x 1405mm
- ◆ Weight: 820kg
- ◆ The production process of bubble shell forming, blanking, heat sealing, punching and finished product conveying is completed in one time



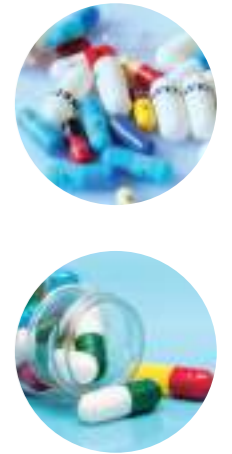
CAPSULE FILLING MACHINE



Semi-automatic capsule filling machine



Automatic capsule filling machine



ELECTRONIC COUNTING MACHINE

AUTOMATIC REJECTION DEVICE

If incorrect counting is caused by too high speed or improper settings, an automatic rejection system will remove the incorrectly filled containers from the conveyor track and reset the count to display the correct amount.

3-SECTION VIBRATOR FEEDING UNITS

Use 3-section (6 vibrators) electromagnetic vibration feeding, stable vibration frequency. Vibrators and feeding channels are clamped by air cylinders, Very easy to disassemble and clean.

HITCHING BOTTLE TYPE CAPPING

The funnels hitch the bottleneck while filling. And funnel is vibrative, which can avoid blocking up. Vibration frequency is adjustable.

LIFT FUNCTION

You just need to press the lift button on the touch screen when changing different bottles with different height.



AUTOMATIC TABLET PRESS MACHINE



The advanced and reasonable design is the foundation of extraordinary quality of production, with a combination of years of experiences on producing high-speed tablet press and modern technology, a new design idea of MM series double-sided high-speed tablet press fulfilled the standardization, modularization and serialization of production. MM series possess advantages as high-precision, high-speed and high-degree automation. It is the ideal equipment for mass production. Meets GMP requirements. can press two layers tablets with different colors, annular tablets, round tablets, engraved tablets and irregular tablets. Available for pharmaceutical factory, food and chemical industries.



WEIGHTING SYSTEM

PERFORMANCE CHARACTERISTICS

- ◆ Patent scale frame structure to ensure that the dynamic work to maintain accurate and stable;
- ◆ LCD touch screen operating system, the English interface, easy to learn;
- ◆ Powerful data statistics function, record the detection data of each class;
- ◆ Use of detachable conveyor belt to facilitate maintenance;
- ◆ Standard weight five partitions, can store 100 sets of product data preset mode.
- ◆ $\pm 2 - 10g$, $\pm 1\%$.



METAL DETECTOR

SCOPE OF APPLICATION

Mainly used for aluminum foil packaging food metal detector, used to detect inclusions or loss of raw materials or products in the broken needle, wire and other magnetic metal.



PERFORMANCE CHARACTERISTICS

- ◆ Excellent switch machine automatic cleaning function: cleaning the pump into the spray chamber dilution hydraulic cleared Wash, to ensure a smooth ink line nozzle collector cleaning and re-boot, avoid Free nozzle clogging and manual cleaning.
- ◆ integrated ink designed to reduce lines and fittings, reducing the failure hidden.
- ◆ Adopt international advanced negative charge, double high-pressure technology, ensure the nozzle long-term cleanmachine Is stable work.
- ◆ Stainless steel housing, IP55 protection standards against dust and water intrusion, suitable for all kinds of on-site environmental use.

PUMP



Rotor pump



Homogeneous emulsification pump



Centrifugal pump



Pneumatic diaphragm pump



Screw pump



Gear pump

MOBILE HOMOGENIZER



Movable Pneumatic Lifting Homogenizer



Movable pneumatic lifting disperser



Moveable pneumatic lifting disperser(a3 bracket)



Mobile homogenizing emulsifier



Pneumatic Lifting Disperser



Working principle of high-shear homogenizing head

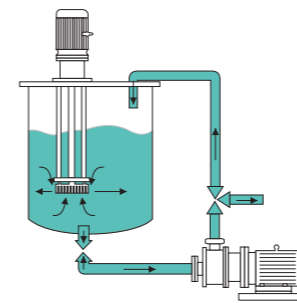


Diversified Homogenizer

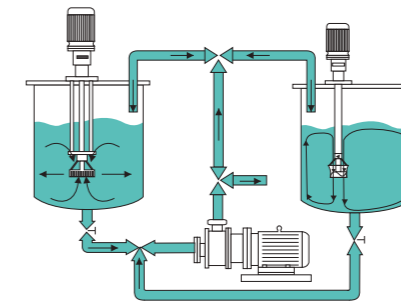


PIPELINE HIGHSHEAR DISPERSING EMULSIFIER

The high-shear dispersing emulsifier is to distribute one phase or more to another continuous phase in a highly-efficient, rapid and even way. Generally, the phases are mutually indissoluble. The materials will be processed in the narrow space between stator and rotor by high tangential speed and strong energy of motion respectively produced by fast-turning rotor and high frequency mechanical effect. By the operation of intensive shearing, centrifugal extruding, liquid layer attrition, impacting and breaking, and even turbulence, the materials of mutually indissoluble solid phase, liquid phase and gas phase will be refined, dispersed and emulsified instantly with the help of mature technology and proper amount of additive. After high frequency reciprocating circulation, products of stable quality are achieved.



Intermittent and Pipeline Combined Dispersing Emulsifier -1



Intermittent and Pipeline Combined Dispersing Emulsifier -2



TECHNICAL PARAMETER

Model	Power(KW)	Speed(RPM)	Flow(T/H)
MM-60	1.5	2800	0-1.5
MM-100	2.2	2800	0-3
MM-120	4	2800	0-4
MM-140	5.5	2800	0-5
MM-165	7.5	2800	0-8
MM-180	11	2800	0-12
MM-185	15	2800	0-18
MM-200	22	2800	0-25

PERFUME COMPLETE DEVICES

The product material is adopted by the high quality 304 stainless steel or 316L stainless steel, the pneumatic diaphragm pump imported from UK as the pressure source, which is used for the positive filter. The connecting pipeline is adopted by the healthy polishing pipe fitting by the ready-package connecting forms, so that it is easy to remove and clean. The supporting is used of polypropylene microporous filtering membrane, which can be widely used for the clarification sterilization and filtration of a small amount of liquid in the cosmetics industry, scientific research departments, hospitals, labs and other units.



Multi-heads perfume filling machine



Four heads perfume automatic filling machine



Duplex filter



Frame type filter



Movable secondary filtering devices



Microporous filter

MAKE UP EQUIPMENT



10P-5M Lipstick freezing tunnel



260 Powder press machine (top press)



100 Lipstick mixer



90 Lipstick filling machine



Vertical type colloid mill



Movable operation stand colloid mill



V Type mixer



Ribbon type mixer



Three-roller grinding mill

AUTOMATIC BOTTLE-DRYING STERILIZER

The full-automatic bottle-drying sterilizer is specially used for drying and sterilizing glass bottles in domestic and international cosmetic enterprises. The machine takes a small land area with high drying and sterilizing efficiency. It has solved the problems of large land area and long drying time in using drying oven. It is an ideal drying device for cosmetic enterprises.



HOT AIR DRYING OVEN

The series of products completely adopt axial fan equipped with automatic constant temperature control system, which is provided with computer control system for option. The working principle is to make use of the steam or electric heat source, through heating the air by heat exchanger and adopting the axial fan as the driving power, the moisture content of hot materials is reduced so as to realize the purpose of drying.



Double line intermittent rinser



Semi auto bottle air blowing machine

AUXILIARY EQUIPMENT



Electric steam generator



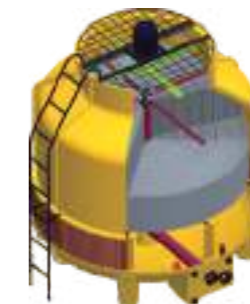
Fuel(Gas) boiler



Gas steam generator



Screw air compressor



Cooling water tower



Plate and frame heat exchanger



Oil-free air compressor



Water chiller



Screw type cooling unit

SANITARY PIPE ACCESSORIES

We are deeply aware of the importance of valves and pipes to the sanitary and clean equipment. Therefore, every pipe is elaborately machined. The equipment is completely made of SUS304/SUS316L. The inside is carried out mirror polishing with fineness of $Ra \leq 0.28 \mu m$. The surface is carried out mechanical polishing, grinding and matte etc. treatment, which is in complete accordance with ISO, DIN, IDF and SMS etc. international technical standards. Therefore, the equipment provided by us is the new model equipment with high technology and high quality designed and manufactured in complete accordance with GMP requirements.



Hygienic cleaning ball



Hygienic breathing apparatus



Hygienic breathing valve



Sanitary angle seat valve



Sanitary anti-mix valve



Sanitary reversing valve



Sanitary shut-off valve



Flow regulating valve



Sanitary safety valve



Hygienic butterfly valve



Sanitary constant pressure valve



Sanitary tank bottom valve



Hygienic check valve



Sanitary ball valve



Hygienic diaphragm valve



Aseptic sampling valve

SANITARY PIPE ACCESSORIES



PACKAGING MATERIAL



PACKAGING MATERIAL

