



CÔNG TY TNHH ĐÚC MẪU CHẢY VIỆT NAM
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SHOWROOM: PHƯƠNG MỸ - MỸ ĐỒNG

THỦY NGUYÊN - HẢI PHÒNG

CATALOGUE



DẪN ĐẦU VỀ ĐÚC MẪU CHẢY
CHI TIẾT CHÍNH XÁC CAO

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I. Molding Machine:

1. C - type cylinder of wax injection machine

- 1、 We use fast pressure cylinder, die fast, save time;
- 2、 One machine has dual function, not only produce large wax, but also the production of die
- 3、 Take the mold assisted skateboard, reducing operator labor intensity of the moving mold and improve work efficiency.



Model	MMY20-1k	MMY50-1k
Pressure	20T	50T
Mold size	800*800*550mm	800*800*800mm
Power	380V/50Hz 10kw	380V/50Hz 10kw
Wax content	7L	15L
Weight	2.5T	3T
Dimensions	2560*1870*2300mm	2640*1800*2640mm

2. Wax injection machine

- 1、 Use clamp socket four-column structure, mold automatic smooth and easy mold disassembly;
- 2、 Pressing and worktable is made of four water-cooled, cooling the wax mold;
- 3、 Using touch screen control, ensures easy operation, stable process parameters;
- 4、 Equipment features dual-mode and the Low + secondary High pressure feeding of wax injection mode H +L injection waxes mode H + L + two H injection of wax models, Auto-mode function, automatic core functions;
- 5、 Large coolers and shot three-layer tubes, cylinder to meet large mold production.
- 6、 Equipment low voltage apparatus using the world brand Schneider, hydraulic system uses Taiwan, wax injection cylinder seal with the Japanese NOK seal.



Model	MMY8-2Z	MMY10-2Z	MMY16-2Z
Pressure	8T	10T	16T
Moldsize	500*460*385	500*460*385	570*510*500
Power	380V/50Hz 15.4kw	380V/50Hz 15.4kw	380V/50Hz 18.4kw
Wax content	3L	5	5
Weight	2.3	2.5	2.8
Dimensions	2700*1630*2020	2700*1630*2020	2660*1620*2400

3. Water soluble wax type wax injection machine

- 1、 Double-column structure, convenient operation, high efficiency
- 2、 Wax cylinder direct melting wax, or cores configured material directly into the methods of modeling
- 3、 Precision temperature control system ,periodically mixing stru



Pressure	8T/10T/16T
Moldsize	500*460*385
Power	380V/50Hz 15.4kw
Wax content	3L/5L
Weight	1.5
Dimensions	2700*1630*2020mm

4. 100T wax injection machine

1. The nozzle use MPI structure, easy to clean, solve the problem of valve replacement of wearing parts frequently, and the nozzle out of the mold without overflowing, fill the mold and holding functions.
2. The preparation of Assembly machine with dual sets of wax. Each sets Assembly can independent by process parameter requirements making wax cream, in business cream process in the, has except gas, and cooling, and paste-like rubbing collection, and cream-like rubbing collection.

And wax cream storage woke up and the wax cream conveying function, that put American MPI business cream of "kneading" method and Taiwan business cream of "woke up surface" method organic combined up, full guarantee wax cream quality, than other both at home and abroad note wax machine pressure note of wax die size contraction rate greatly reduced, and can meet cream-like note wax, and paste-like note wax, and liquid note wax of for wax process requirements.



Model	MMY100-1k
Pressure	100T
Moldsize	1000mm×1000mm*800mm
Power	380V/50Hz 12.5kw
Waxcontent	20L
Weight	4T
Dimensions	2560*1870*2950mm



5. Horizontal automatic wax injection machine

1. Automatic wax injection machine, distributed intelligent control device of each place, easy to operate and adjust.
2. After the wax mold by a robotic arm automatically crawl, placed in the wax on the conveyor, sent to the automatic tree equipment.
3. Real time graph mode shows the molding cycle, wax flow and pressure data.



Model	Model45-12	Model45-25
Pressure	12T	25T
Power	380V/50Hz 12.5kw	380V/50Hz 12.5kw
Waxcontent	3L	3L
Weight	3.5T	4.5T
Dimensions	2340*3380*2180mm	2408*3505*2336mm

II. Shell Machine:

1. Dipping machine

1. With the circular cylinder turbo Accelerator, large carrying capacity, high efficiency, low temperature.
2. Smooth running, L stirred slurry plate, size mix.
3. L Stir the pulp can be up or down manually (power plant)



Model	MZJ60	MZJ80	MZJ100
Power	380V/50Hz 0.75kw	380V/50Hz 0.75kw	380V/50Hz 1.5kw
Diameter	0-380 mm	0-380 mm	0-380 mm
Weight	180kg	290kg	400kg
Dimensions	950x850x1700	950x1330x1700	1560x1150x1700

2. Open type pour sand machine

1. Caught in the open sand, easy operation, a large space, easy to observe, suitable for medium and large pieces of sand hanging
2. Pour sand evenly and pour sand volume adjustable

Model	MLS-6
Power	380V/50Hz 1.5kw
Area	560*600*790
Weight	400kg
Dimensions	1100x1690x2210mm





3. Roller type pour sand machine

- 1、 It is a robot made in the investment casting industry of sand hanging ideal equipment necessary
- 2、 Pour sand evenly and pour sand easily adjustable
- 3、 Simple operation, high efficiency



Model	MGLS-1600	MGLS-1800
Power	380V/50Hz 0.75kw	380V/50Hz 1.5kw
Area	Φ1200*1000	Φ1400*1200
Weight	1.5T	2T
Dimensions	1990*1690*2110mm	2235x2580x2000mm

4. Rotary type pour sand machine

- 1、 Circular dials, sand carrying uniformly continuous
- 2、 Carrying amount can be adjusted
- 3、 Gates can be used, you can adjust the space



Model	MLS-120	MLS-140
Power	380V/50Hz 0.75kw	380V/50Hz 1.1kw
Area	700*500*500	910*610*500
Weight	250KG	350KG
Dimensions	1300×1000×1750mm	1480×1100×1780mm

5. Floating sand machine

- 1、 By surround air diffusion structure of sand with uniform particle suspension
- 2、 Adjusting convenient, sand barrel and fan fixed as one
- 3、 Sand barrels above the dust cover



Model	MFS80	MFFS80
Power	380V/50Hz 5.5kw	380V/50Hz 7.5kw
Size	Φ800*570	830*800*600
Weight	300KG	300KG
Dimensions	1650x960x920	1880x960x945

6. Floating sand machine with dust collector

- 1、 By surround air diffusion structure of sand with uniform particle suspension
- 2、 Adjusting convenient, sand barrel and fan fixed as one
- 3、 This machine comes with dust collector, more energy- efficient

Model	MCFS80
Power	380V/50Hz 5.5kw
Size	Φ800*550
Weight	300KG
Dimensions	1040x1830x2090mm



7. Pulse dust collector

- 1、 Bag filter collect dust, high efficiency, easy to clean dust
- 2、 Use with pour sand machine, float sand machine and other shell machines



8. Energy-saving large dip machine

- 1、 Fixed barrel, double blade agitator spin, greatly reducing the heating in the bearings and wear;
- 2、 Double-edged mixer based on optimal design of fluid mechanics, reducing the probability of void formation.
- 3、 Variable-speed mixing, mixing evenly.
- 4、 Ramp platform integrated with the workable.



Model	MZJ150	MZJ190
Power	380V/50Hz 4kw	380V/50Hz 4kw
Size	1400mm	1700mm
Weight	1900kg	4500kg
Dimensions	1893x1858x2770	2100x2376x3522

9. Six-arm manipulator

- 1、 This machine adopts 360 degree rotating, three-position philosophy (①load and unload station ②station dip pulp ③ pour sand station). Three stations in the same time period, independently of their respective work process, shell efficiency three times.
- 2、 Complete imitation shell procedures for skilled production workers, and artificial

movements in place, better consistency, so as to better ensure the quality of production.

10. Six-axis manipulator

- 1、 Robot can automatically grab the module, automatically stained pulp, controlled slurry and return the hanging chain, hanging sand shell-making process as a whole.
- 2、 Implements background pre-programmed automatic identification technology, robot modules, in accordance with the advance program for seamless operation.
- 3、 Shell loading capacity of a manipulator than artificial snatch weight can greatly enhance the number of welded modules, improve work efficiency.



III. Dewaxing and wax processing equipment:

1. Dewaxing machine

- 1、 The whole issued with inspection of pressure vessel certificate
- 2、 Stainless steel heating pipe.
- 3、 Lock dewaxing autoclave door structure type, security, easy operation and clear.
- 4、 A autoclave door is not locked in place to prevent false gas alarm.
- 5、 With leakage current protection switch.
- 6、 Automatic water, low water protection.



Model	MDTL80	MDTL100
Power	380V/50Hz 93kw	380V/50Hz 123kw
Workingpressure	0.8mpa	0.8mpa
Designpressure	0.9mpa	0.9mpa
Temperature	180°C	180°C
Weight	2.3T	2.75T
Dimensions	2920*1700*2120	3110*1900*2150
Model	MDTL120	MDTL150
Power	380V/50Hz 183kw	380V/50Hz 333kw
Workingpressure	0.8mpa	0.8mpa
Designpressure	0.9mpa	0.9mpa
Temperature	180°C	180°C
Weight	3T	8.5T
Dimensions	3930*1970*2220	6040*2370*2410

2. Rapid water evaporator

- 1、 Stainless steel spiral wax, water separator, use steam to wax fast separation, not wax liquid pollution caused, does not change the properties of wax.
- 2、 Fast separation, spraying, temperature evaporation in one, viscous organic liquid such as wax can be removed from the water.



Model	MKSCS-3
Power	380V/50Hz 0.2kw
Weight	850KG
Dimensions	2410x1380x2470

3. Wax-liquid transfer system

- 1、 Over-temperature automatic cut off the entire power of the system, to ensure safety.
- 2、 Double pump use, to ensure the stability of the system.
- 3、 Wax-liquid heat transfer systems greatly reduce labor and improve production efficiency.



Model	MLYSS-2
Power	380V/50Hz 13kw
Weight	200KG
Dimensions	1660*910*1360

4. Wax processing center

- 1、 this equipment for wax liquid processing apparatus, in addition to process water, with the exception of impurity and purification full.
- 2、 computer (PLC) programmed, automatic switch wax, liquid level automatic control
- 3、 static time, the dehydrating dehydration time, reset temperature, static temperature and other parameters according to the technical requirements set for automatic operation.
- 4、 wax pump transfer wax-liquid to wax injection machine automatically and manual operation.
- 5、 the high productivity, low labor intensity, clean working environment.





IV. Roasting and smelting machine:

1. Intermediate frequency melting furnace

- 1、 No voltage regulation, no pollution to the power grid.
- 2、 Series inverter, voltage resonance, energy saving.
- 3、 resonant frequency 3000HZ, constant power output, rapid melting, alloying elements burning less, electromagnetic stirring small steel cleanliness.
- 4、 the motherboard using digital logic circuit design, anti-interference ability, power supply circuit and control circuit is simple, low failure rate
- 5、 Power supply cabinet spray
- 6、 The silicon controlled by British Westcode products, pure water system adopts Grundfos pumps



Model	KGYS-175/3	KGYS-225/3	KGYS-250/3
Rated capacity	100kg	150kg	200kg
Power	380V/50Hz 175kw	380V/50Hz 225kw	380V/50Hz 250kw
Weight	1.9t	2.2t	2.5t
Dimensions	2500*1000*1800mm	2800*1000*1800	2800*1000*1800

2. Furnace (manual, hydraulic, electric)

- 1、 Intermediate frequency melting furnace for steel, iron, copper, aluminum and its alloys melting.
- 2、 furnace shell is made of aluminum production, heat energy.
- 3、 according to the client's operational needs, create different tipping stoves.



3. Electric Roaster

- 1、 Adapted to the silica Sol shell of roasting, heating, roasting temperature uniformity.
- 2、 Low energy consumption, simple operation, control outputs, programmable control.
- 3、 Currently the best roasting equipment



Model	MDR12-1.5	MDR12-1.8
Work area	1350 x 1100 x 650	1350*1400*650
Power	380V/50Hz 100Kw	380V/50Hz 160Kw
RatedTEMP	1200°C	1200°C
Weight	4t	4.5t
Dimensions	2630*2520*2400	2750*2880*2570

4. Gas Roaster

- 1、 Return at the bottom of the furnace flue design, micro-suction cycle, heat loss, full combustion energy
- 2、 Auto-ignition temperature control equipment, safety, with flame failure protection



Model	MRQX12-1.5/2.0	MRQX12-2.0
Work area	1350*1500*700	1350*1500*700
Power	380V/50Hz 6kw	380V/50Hz 6kw
RatedTEMP	1200°C	1200°C
Weight	4T/4.5T	4.5T
Dimensions	2630*2520*2470	2750*2900*2470

5. Regenerative furnace

On the basis of the original roaster, an increase of high-performance regenerative heat exchanger, warming up fast, energy-saving effect



6. Electric ladle

- 1、 Save labor cost
- 2、 Interoperability, stability, flexibility, good
- 3、 Accurate location, hot metal spatter loss reduction can effectively prevent and reduce worker injury



V. Post processing machine :

1. B87 shock machine

- 1 、 High vibration frequency, rapid removal of casting mold
- 2 、 Configured, no electric, pneumatic, better outdoor security

Model	MZK0.6-B87
Rated airpressure	0.6Mpa
Distance	500mm
Dimensions	850 × 760 × 2640
Weigh	340Kg



2. Closed-end shock machine

- 1 、 this machine is installed in the chassis vibration based on the reduced ground noise at the same time, this machine uses the Bell type sound insulation, sound absorption systems, vibration machine shell is completely isolated from the outside world, blocks airborne noise, and the earth can absorb vibration, ensure that the machine's noise.
- 2 、 The front enclosure equipped with automatic lift gate, automatic cylinder upward, with safety locking device.

Model	MFBZK-B87C
Rated airpressure	≥0.63Mpa
Distance	500mm
Noise	≤85db
Dimensions	1550×1640×3070
Weigh	2T



3. Grinding machines

- 1 、 Remaining riser, rapid flexible grinding castings, grinding speed, good surface quality
- 2 、 Double-station can operate, high efficiency
- 3 、 Body balance, stable operation and longer spindle life

Model	MPG-2
Power	380V/50Hz 2.2kw
Ratedrpm	1420r/min
Sanding belt speed	30m/s
Dimensions	1210×1050×1160
Weigh	380Kg



4. Cutting machine

The toothless cutting, workpiece clamping using hand-tight, simple structure and convenient operation and high efficiency.

Model	MQG-400
Power	380V/50Hz 4kw
Ratedrpm	2900
Dimensions	1500x600x1500
Weigh	110



5. Shaping machine

- 1、 It use imported hydraulic components of high efficiency and energy saving, the reliability of the equipment.
- 2、 Two operation modes manual and pedal, the pressure can be adjusted within the prescribed limits.
- 3、 can be customized according to customer pressure requirement



6. Open type shaping machine



- 1 Open structure, easy to operate in large workspace
 - 2、 Use imported hydraulic components of high efficiency and energy saving, the reliability of the equipment.
- Two operation modes manual and pedal, the pressure can be adjusted within the prescribed limits.

7. Sand blasting machine

- 1 、 Surface treatment, suitable for small castings (embroidery, small edges, residual oxide film, shell), while applicable to the point of cleaning up
- 2 、 Sand material recovery, recycling
- 3 、 High-flow spray, sandblast effect is good and comes with a dust-removal system





8. Heat treatment furnace

- 1 、 Used car-bottom, you can automatically access and convenient access of the workpiece
- 2 、 The use of silicon-carbon lining , not deformed.
- 3 、 Two-stage temperature control
- 4 、 With automatic temperature recorders



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