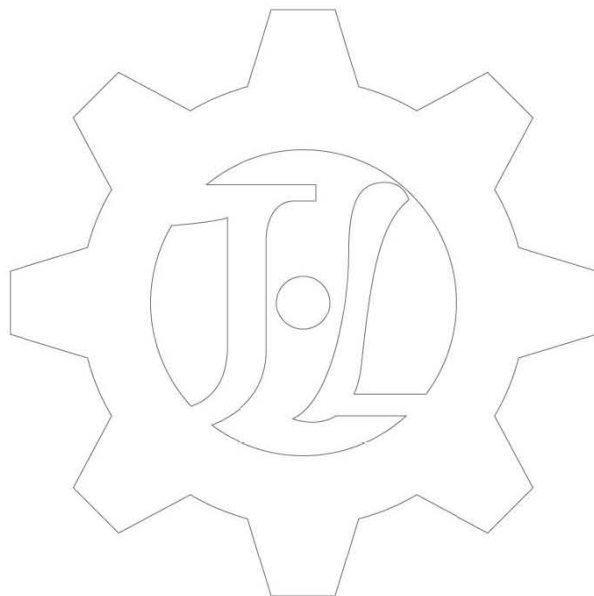


KIIWOO INDUSTRY

Professional Research And Development Manufacture
Of High Quality Silicone Rubber Machines

专业研发制造优质橡胶机械



苏州捷和实业有限公司
SUZHOU KIIWOO TECHNOLOGY CO., LTD



如果您想寻找,专业研发制造优质橡胶机械的厂商
请致电捷和: **+86 18824909558**

If you want to look for professional research and development manufacturing high quality
rubber machinery manufacturers

Please contact us at +86 18824909558



<http://www.kiiwoo.com>



苏州市相城区渭塘镇凤阳路 1666 号 邮编: 215134
No. 1666 Fengyang road weitang town Xiangcheng District Suzhou City China P.C. 215134

KiiWoo 捷和实业
KIIWOO TECHNOLOGY

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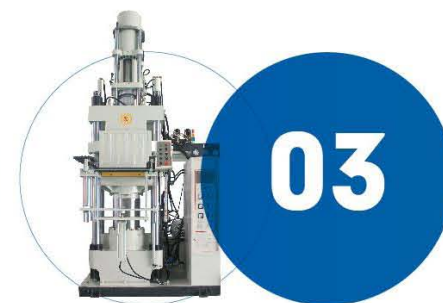
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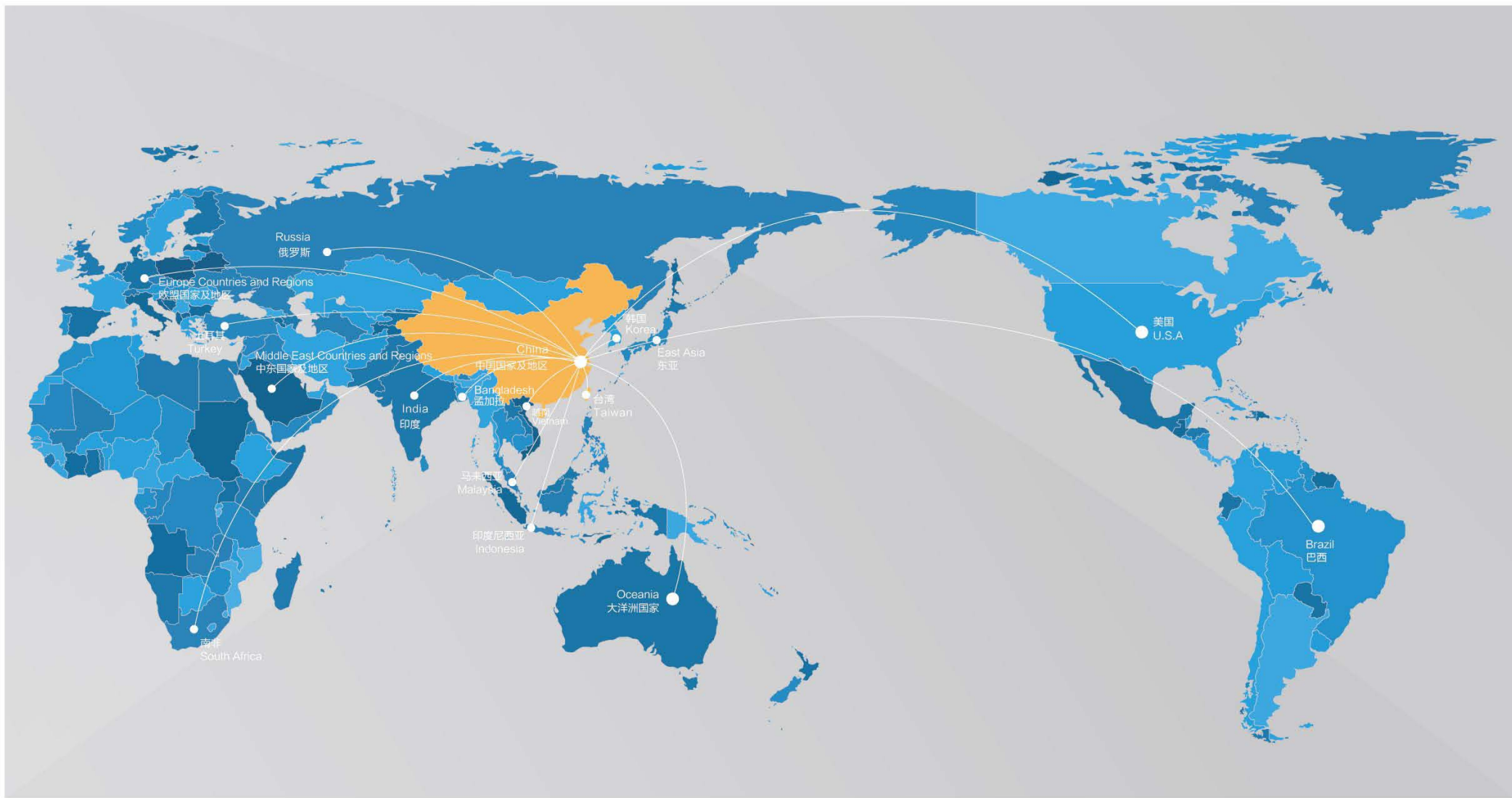
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国际沟通，智慧全球

The international communication, global wisdom

关于捷和 About Kiiwoo

专业研发制造优质硅橡胶机械

Professional R&D And Manufacturing High Quality Silicone Rubber Machinery

苏州捷和实业有限公司位于美丽的阳澄湖畔，珍珠之乡，占地面积12000平方米，公司是由一群强而有力且拥有丰富的橡胶机械制造经验的工程师携手共创，我们一直秉承：设计创新，品质至上的理念，并针对特殊规格需求提供专业客制化服务，以满足客户的实际需求。

品质尊严的开始，捷和特别注重生产流程中的各项细节，对每个流程皆严格把关，致力提供最优质的产品给客户。公司主要经营：橡胶射出机，真空平板硫化机，平板硫化机，预成型机，骨架油封机，硅胶切条机等各个机种。捷和无微不至的售后服务网络随时在您的身边，全天候服务热线及时处理您的质量申诉和信息反馈，并提供其它全部油压机厂的机器维修与技术服务支持，绝对是橡胶电子零件、汽车配件、导电橡胶、油封类、运动器材、医疗器材及各式器皿等厂家之最佳选择。

捷和将一如既往地遵循“以技术创新求发展，推行品牌战略，实施一流服务”的方针和承诺，愿为各界同仁精诚合作，共创繁荣！明日的捷和将用崛起的力量服务世界。

Suzhou Kiiwoo Industry Co., Ltd is located at Xiangcheng District, Suzhou, Jiangsu, China and covers an area of 12000 square meters. Our company was founded by a group of professional engineer who is well experienced in Silicone rubber manufacturing machinery. To meet our customers' requirements, we have been adhering to design innovation, quality first and also provide custom made service.

A good start comes from high quality. Suzhou Kiiwoo attaches great importance to the details of the whole process of production and it aims to offering the highest quality products to our customers. Our company specializes in producing rubber injection molding machine, vacuum hydraulic machine, plate rubber vulcanization machine, performing machine, framework oil seal machine, silicone rubber cutting machine and so on.

Our after-sale service network is always at your side and it also has service hotline to tackle with your quality complaint and feedback timely. we also provide machine maintenance and technical service support for all hydraulic machine factories. We insist that our products are the best choice to the manufacturers who operate rubber electronic parts, auto parts, conductive rubber, seal type, sports equipment, medical equipment and various containers.

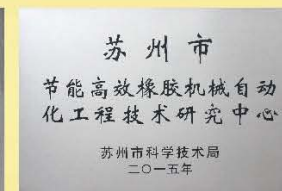
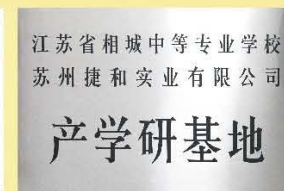
We will constantly follow the policy of taking advanced innovation to promote development, brand strategy and first class service. And we will try our best to satisfy our customers.



资质证书 Qualification certificate

始终以国际质量体系为准绳，坚持以优质的产品与服务客户。捷和实业以享誉业界的盛誉为动力，专著于产品品质、技术创新和优质服务，取得专业研发专利证书12项。在不断创新与超越中，谋求更高层次的发展，得到认可只是起点，超越自我没有极限。每份资质证书，无不凝聚着捷和实业人奋力拼搏的结晶，每份荣誉都是我们的金名片和通行证，那是一个个路标，更是一次次历练。

Always take the international quality system as the criterion, adhere to high quality products and services to the customer. Jiehe Industrial, powered by renowned reputation in the industry, concentrating on product quality, technical innovation and high quality service, 12 patent certificates of professional Research & Development were achieved. In constant innovation and beyond, to seek a higher level of development, the recognition is just beginning, surpass ourselves no limit. Each certificate of qualification, all condenses Jiehe Industry are the crystallization of hard, each honor are our gold card and passport, that is a sign, but also time and experience.



捷和理念 KiiWoo Concept

以技术创新求发展 推行品牌战略 实施一流服务

With technology innovation for development
To implement the brand strategy
The implementation of first-class service

企业精神: 诚信、真实、合作、共赢

人才观: 发现人才、重用人才、培养人才、打造学习型团队

市场观: 优化品牌组合与产品格局、提高产品质量、增强售后服务

工作方针: 积极主动、勇于负责;认真专业,追求卓越

质量方针: 严格控制,不让一件不合格产品流入市场

品牌理念: 品质 服务 共享

捷和目标: 以领先于人的技术,最过硬的品质以及最优质的服务,来回馈客户,为客户创造最大价值及最佳的投资回报。最终成为行业中值得信赖并最具有影响力的企业,并持续服务于整个行业。

捷和愿景: 矢志成为橡胶机械行业的引领者

捷和核心价值观: 专业、诚信、创新

专业: 是对“品质”保证的提升,因为专业,所以精致,捷和已拥有专业的销售、研发、生产、服务团队为客户提供全方位服务。

诚信: 诚是忠诚,信是守信。诚信才能取得别人的信任,人无信不立,信用是人生最大的财富,首忠诚,次讲义。

创新: 以技术研发求发展。

Enterprise spirit: integrity, authentic, cooperation and win-win

Talent view: find talent, reuse talent, develop talent, build a learning team

Market outlook: optimization of brand portfolio and product structure, improve product quality, strengthen after-sales service

Working principle: active, responsible; serious professional, pursuit of excellence

Quality policy: strict control, don't let an unqualified products into the market

Brand concept: quality service sharing

Kiiwoo goal: to lead in technology, the most excellent quality and the best quality service, to feedback customers, to create maximum value for customers and the best return on investment. Eventually become trustworthy in the industry and the most influential enterprises, and continue to service in the industry.

Kiiwoo vision: to become leader of rubber machinery industry

Kiiwoo values: profession, integrity and innovation

Profession: To the promotion of "quality assurance" because professional, so delicate, Jiehe has a professional sales, research and development, production team provides the omni-directional service for the customer.

Integrity: honesty is loyalty, integrity is trustworthy. Good faith to win the trust of others, a man without integrity does not stand, integrity is the biggest wealth of life, the first loyalty, then personal loyalty.

Innovation: Technology research and development.

■ 售前服务:

- 1、投资预算: 提供产品盈利分析、橡胶机选型及辅助设备配套与预算, 人力资源配置预算服务。
- 2、厂房规划: 提供设备基地安装尺寸、设备摆放布局、车间通风、排气、运水、布线、起重设备、设计服务。
- 3、提供各种橡胶辅助设备的资讯。

Pre-sale service:

- 1、the budget of the investment: provide product profitability analysis, rubber type pause and supporting auxiliary equipment and budget, human resource configuration budget service.
- 2、plant planning: provide equipment base, equipment installation size display layout, workshop ventilation, exhaust gas, water, wiring, lifting equipment Design services.
- 3、provide information of various kinds of rubber auxiliaries.

■ 售后服务:

- 1、交机前, 客户可派1-2人到我工厂接受机台操作培训1-5天;
- 2、新机台到厂, 技术人员随即到厂免费安装调试服务, 并对操作人员进行教育培训及简单故障教导。
- 3、整机保修期一年, 保修期限内机台正常使用情况下, 如机台发生问题则由我公司负责快速免费维修。但因外来因素或甲方使用不当机台发生问题, 则需由客户支付材料成本费及车资。
- 4、保修期限外我们仅收取材料成本费及车资。
- 5、为客户新旧机台建立档案、并提供所有他厂压机机器维修与技术支持。
- 6、江苏省内12小时到厂, 中国其它地区48小时内到厂服务。
- 7、全天候服务热线(400-0512-083)及时处理您的质量申诉和信息反馈。

After-sale service:

- 1、Before machine shipment, the customer may send 1-2 people to my factory to accept the machine operation and training 1-5 days;
- 2、the new machine arrive your factory, our technical staff will be in your factory to install and debug, free of charge. Besides to educate and train the operator, and teach them to solve some simple fault of the machine.
- 3、The warranty period is one year. Under the normal use of the machine, if it occur any problem, our company is responsible for rapid and free repair. But improper use cause problems, customer need to pay the material cost and fares.
- 4、Outside the warranty period, we only charge material cost and fares.
- 5、For customers old and new machine to create the file, and providess all the factories hydraulic machine maintenance and technical support.
- 6、12 hours to the factory in Jiangsu Province, the other parts of China to the factory within 48 hours.
- 7、Around clock service hotline (400-0512-083) the quality and timely processing of complaints and feedback.



苏州捷和实业有限公司

捷和服务
KiiWoo Service



安徽办事处: 安徽省合肥市龙塘青年工业园
铁岭办事处: 辽宁省铁岭经济开发区橡胶产业园
青岛办事处: 青岛市李沧区九水东路496号
浙江办事处: 浙江省宁海县梅林街道梅林北路86号

厦门办事处: 厦门市湖里区殿前二组2139号
重庆办事处: 重庆市巴南区鹿角迎宾馆336号
西安办事处: 咸阳市华家寨中小企业园

营业项目 Business Line

液压射出成型机	Hydraulic Injection Molding Machinery
平板油压成型机	Platen Hydraulic Molding Machinery
真空油压成型机	Vacuum Hydraulic Molding Machinery
骨架油封成型机	Skeleton Oil seal Machine
橡胶切条机	Rubber Material Cutting Machinery
硅胶切条机	Silicone Material Cutting Machinery
钻石刀具及美耐皿热压成型机	Diamond Cutters and Melamine Heat-press Molding Machinery
各种油压自动化机械设备设计制造	Design and manufacturer of various automatic equipment

适用制造商 Suitable Manufacturer

电子及导电按键、汽车用橡胶、油封类橡胶、一般工业橡胶、民用橡胶、瓶塞类橡胶、医疗橡胶、商标橡胶、钻石刀具、国防工业、玩具类等。

Electronic industry, electric buttons, Automobile silicone Rubber Parts, rubber for common industries and household purposes, bottle blocks, medical rubber, trademark rubber, diamond blades tool, military & defense industry toy industry.

降低消耗，节约能源 Reduce cost and save resources

- 1、步业界先进技术之林，将传统单马达改为双马达双油泵，节约能源50%，提高生产效率。
- 2、本公司所生产100TON及以上机台均采用双马达双油泵系统，节省电力及油路省耗。
- 3、可做办公室中央连线系统（一台普通电脑可将工厂所有油压机同时监控）。

1、Introducing advanced technologies, change the traditional single motor to double motor oil pump, which saves the power by half, and the production efficiency is enhanced.

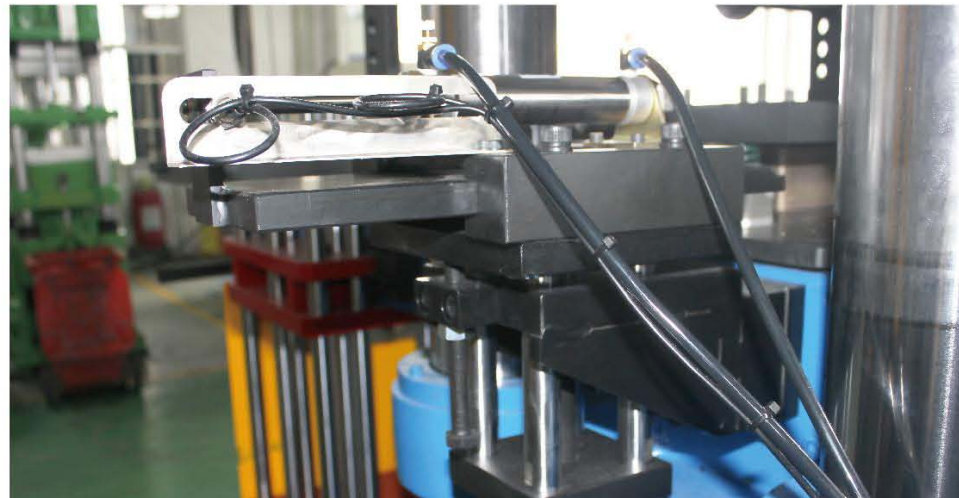
2、All the machines above 100 tons and above adopt double-motor and double-pump design, which saves power and reduces oil consumption.

3、It can be setted as a office-control central system (which means a common computer can monitor all the injection machines within the factories).

捷和优势 KiiWoo Advantage



研发与技术创新 Research and technological innovation



一、机身结构决定机台的精度，寿命及稳定性

- 机器采用世界先进UG软件及PRO-E3D学分析辅助设计，一体铸造成型得出高刚性、结构精密、寿命长达最佳化设计。
- 采油枪深孔加工，加厚热板并经渗碳热处理，运用热流原理，得出高精度，且温度分析平均之最佳化设计。
- 利用电脑CNC加工以确保设计最佳之精度。
- 日本技术屏幕均压校正，最高可达0.02mm精度。
- 热板/进出模板采用渗碳热处理，并经过研磨氮化完成；耐磨时间长，不易变形且平面精度高。

The fuselage structure decides the machine's accuracy, life and stability

● The machine adopts world advanced theories of UG software and PRO-E3D aided design, it is concluded that high rigidity, precision casting, life for optimization design.

● Deep processing of low oil gun, hot plate and the thickening of carburizing heat treatment, using the principle of heat flux, high precision temperature distribution and average of optimization design.

● Using computer design CNC machining to ensure the best accuracy.

● Japan technology screen balance pressure correcting, the highest precision can be up to 0.02 mm.

● Hot plate in and out of the template uses the carburizing heat treatment, and after grinding nitride is complete; Wear a long time, not easy deformation and plane precision is high.

二、高效稳定的油压设计

- 真空与平板机系列采用双马达、双油泵、双冷却器、双油路系统，两轴完全独立工作。
- 采集体式油路设计，油路在运作间无冲击且噪音低、而使效力提高，能源消耗低。
- 特殊设计的高速回路，使慢速锁模切换平稳且可作任何速度的调整，以适应不同种类的模具。
- 独立的排气回路设计，使排气达100%。
- 全厂日志油封，及特殊防油设计、绝不漏油，耐久性佳。
- 分流式快速真空系统，抽真空更快速，成品良率更高。
- 油路系统特殊设计，无振动，稳定性好，出入模上升，下降比同行机器速度更快。

High stability of hydraulic design

- Vacuum and platen series adopts double motors, double oil pump, double oil cooler system, two axis completely independent work.
- Acquisition postures all circuit design, no impact on the oil in operation and low noise, and improved the effectiveness, low energy consumption.
- Special design of high speed circuit, make slow clamping switch smoothly and can make any speed adjustment, to adapt to the different types of mold.
- Independent exhaust circuit design, the exhaust of 100%.
- Using oil seal and special design, not leak oil, excellent durability.
- Shunt type quick vacuum system, vacuum faster, higher product yield.
- Oil system of special design, no vibration, good stability, and mold open and close faster than other machine.

三、温度均匀

- 引进国外最新数字化样机测试验证技术，提供比传统设计更高的热力学性能，更优质的稳定性。
- 电热、自动电流断路侦测系统使电热温度系统断路自动警示。
- 温度自动记录曲线，温度控制为连续显示，产品品质更为提升。
- 采用日本国际知名品牌数显温控，可控硅模块脉动输出，PID调节精确温度运算，从而使温度控制在 $\pm 2^{\circ}\text{C}$ ，程序具备一周预热功能。

Uniform temperature

- The latest digital prototype verification technology introduced from abroad, provide higher thermodynamic performance than traditional design, the stability of higher quality.
- Electric circuit, automatic current detection system to electric heating temperature circuit automatic warning system.
- Temperature automatic recording curve, the temperature control for the continuous, according to product quality more ascension.
- Using Japan international well-known brand digital display temperature control, silicone controlled module pulse output, PID temperature computation precision, thus make the temperature control in the plus or minus 2°C , the program has a week preheating function.

四、电控介绍

- 采用原装日本可编程控制器（PLC）为核心的控制系统，线路简介明确，运行稳定可靠，故障率低。
- 全计算机自动监测功能，人性化编程理念设计，书面采用轻触对话式输入，所见即可得的操作效果，使用书面帮助操作功能，从而使操作与维护只在举手之间完成。
- 专业设计PLC输出接点保护电路板，使其内部继电器接点工作在DC5V 5mA以内；电磁阀采用无触点开关DC24V安全电压控制，确保控制系统稳定长久。
- 电路元器件采用国际标准化配置，永久免除客户后顾之忧。

Electric control introduction

Using the original Japanese programmable controller (PLC) as the core control system, line is concise and clear, stable and reliable operation, low failure rate.

Full computer automatic monitoring function, humanized design, programming ideas written by touch your conversational inputs, what you see is what you can get operation effect, use writing to help operating functions, between just raise your hand so that the operation and maintenance is complete.

Professional design PLC output contact protection circuit board, the internal relay contacts within the DC5V 5mA; solenoid valve used non-contact switch DC24V safe voltage control, to ensure that the control system is stable for a long time.

Electrical components adopt international annotation configuration, permanent exemption customer worries.

捷和一机台特性

KiiWoo machine features

- 1、零件全面性国际化、标准化。
- 2、机台耐久性的力学设计。
- 3、离子氮化处理的高耐磨平面。
- 4、温度分布达 $\pm 2^{\circ}\text{C}$ 的高标准。
- 5、排气精准度达百分之百的需求。
- 6、运作稳定静音的油路设计。
- 7、完善的图解式操作说明书及保养维修手册。
- 8、油缸基座采用3D电脑力学分析，辅助结构设计。一体铸造成型，强化平面精度与结构，永保机台寿命。
- 9、脚架采用方形钢梁结构设计，确保机台受力稳定。
- 10、压力控制超越传统的压力表控制，使用压力传感器控制压力更精准。
- 11、功能强大操作方便的电控系统与高效稳定的液压系统之完美结合。

- 1、Components have been internationalized and standardized.
- 2、Mechanics design for longer durability.
- 3、Nitrogen treated surfaces for abrasion resistance.
- 4、Temperature uniformity of $\pm 2^{\circ}\text{C}$.
- 5、Vacuum systems meet the requirement of 100% precision.
- 6、Hydraulic systems are silent, dependable and leak free.
- 7、An illustrated operation guide and a maintenance manual are provided.
- 8、Min hydraulic cylinder has been designed by using 3D computational mechanics, and structural analysis. It is cast from one piece of metal so that the structure and the surface precision are strengthened to make the machine more durable.
- 9、The machine base are made of square type steel to assure that the forces acting on the machine can be sustained steadily.
- 10、Gauge pressure control beyond the traditional control, the use of more precise pressure control sensor.
- 11、Powerful, easy to operate the electronic control system and highly efficient and stable combination of the hydraulic system.

捷和一机台重点材质说明 KiiWoo-Descriptions for key materials of machine

名称 Name	材质 Material	特点 Special features
机体 Main machine body	FCD50 球墨铸铁 FCD Spheroidal graphite special alloy metals	经过时效纯化具高抗拉强度及韧性。 Hing tensile strength and toughness after time effect.
主缸轴心 Ram	CR 白铸铁 CR white special alloy metals	经过研磨完成，精密度在正负0.02mm以内。 Tolerance is within +0.02 mm after grinding.
辅助油压缸 / 出入模油压缸 Auxiliary hydraulic/hydraulic cylinder for loading/ Unloading Molds	SKM-13	采用NOK油封，耐磨康文寿命长。 Adapt imperial HALLIE oil seals, which are durable and resistant for abrasion and temperature.
油封 Oil Seal	NOK	耐用性特长 Durable
立柱 Vertical Post	40Cr	中碳钢40Cr硬铬处理，采用无油轴承，内层包覆TEFLON薄膜。 Medium carbon steel is hard chromium treater Oil-less bearings are used. TEELON is coated.
立柱螺帽 Nut of vertical Post	FCD-50	一体成型，采用梯形牙及特殊之防松设计，永保机台之精度。 A integrated, USES the trapezoidal tooth and special design of locking, and precision of the machine.
马达 Motor	台湾大同电机	采用橡胶挠性联轴器直接传动。 Directly transmitted by flexible rubber coupling
进出模滑轨 Trails for in/out Molds	滑轨道座 Slide track SK-ST	耐磨钢材，并加装轴承设计，使进出模稳定滑行。 Abrasion resistant steel. Bearings are setup to make the in/out molds run smoothly.
热压台面 Working Bench	50#	含进模板采用氮化处理，并经过研磨完成。 In/out molds in Nitrogen treated and grinded.
电热管 Cartridge Heaters	镍铬合金线 Nickel-chromium Alloy	附有保护装置，耐用性特长。（采用分段式设计） Protection devices are attached to make it durable(A design of multiple sections is adopted)
油压系统 Hydraulic system	油管:高压软管 tube for hydraulic fluid: High Pressure Hose USA400PS 泵浦:YUKEN pump: YUKEN 电磁阀: 东峰 Solenoid: DongFeng 油桶: 磁性滤清 Oil tank: magnetic filter parts are interchangeable with high quality components that also meet international standards.	集体式油路系统设计，克设定主缸缸升降速度。进出模精度定位。 The hydraulic system is designed centrally. The rising speed of main cylinder can be set Precisely positioning for in/out molds

橡胶油压成型机重点配件

The main parts instruction of Rubber molding machine



真空泵浦 VACUUM PUMP
德国莱宝 LEYBOLD



气动锁模 Pneumatic lock mode
分离上模与中模的粘连，防止模具损坏
Separate top plate and middle plate, prevent mold being damaged.



双马达双泵
Double motors and double pumps, don't influence each other when working.
比压比流油路控制系统 (Pressure flow)
Pressure flow circuit, easy adjustment and repair



伺服电机配置
Servo motor configuration



先进的油缸力学设计
Advanced oli cylinder mechanical design

捷和-新型电脑控制系统

KIIWOO-Introduction About New Type Micro-Controllers

- 1、日本三菱微电脑处理中心集合工业及STNLCD人机界面(触摸屏)
- 2、简体中文教导模式操作页面，利用字幕、圆形变化指示，使初学者易用
- 3、全功能电脑异常检测，使维修在举手间完成
- 4、专业设计PLC输出接点保护，使PLC接点控制寿命更久
- 5、采用日本松下、富士PID运算温度控制器，使温度误差更小，并有PLC控制24小时四段加热

1. Japan-made MITSUBISHI micro-computer IC and STNLCD display (touch-control screen)
2. Simplified Chinese with easy instruction, convenient for beginners to learn the operation methods
3. Full-function computer-control abnormality detection, easy maintenance and repair process.
4. Professional PLC output joint design, making service life of DC 5V device at the PLC longer.
5. Adopting Panasonic Fuji PID calculation temperature controller, which minimizes the temperature tolerance. PLC control device and for 24-hour 4-phase heating



系统画面
System Screen



主菜单
Main menu



功能画面
Function Screen



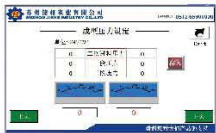
机器监视画面
Monitor Screen



输入点监视画面
Input monitor display



输出点监视画面
Output monitor display



成型压力设定
Molding pressure setting panel



参数设定
Parameter set-up panel



左机预热启动
Left engine preheat start



生产管制画面
Production control screen

机台应用 | Application



机台特点 | The machine features

- 1、采用先进先出注射装置，防止死料残留，便于清洁、换色
- 2、适用各种橡胶原料，矽胶及氟胶亦可使用，胶料注射时温度相对较高，可缩短硫化时间
- 3、先塑化的胶料先被注射，一次注射的胶料在注射料筒中停留的时间相同，避免先进入的胶料因在注射料筒中停留时间过长而出现过早硫化现象
- 4、注射柱可移至注射料筒之外，大大简化胶料更换的操作
- 5、计量时背压一致，注射精度高

- 1, using FIFO(First in,First out) Injection device, prevent die material residues, facilitate clean, changing color
- 2, apply to all kinds of rubber raw materials, silicon rubber, fluorine rubber, when rubber material injection the temperature is relatively high, can shorten curing time
- 3, plasticizing rubber first injected first, one time injection of rubber in the injection cylinder stay at the same time, avoid to enter the first rubber for stay too long in the injection cylinder and scorching
- 4, injection column can be moved to the injection cylinder, greatly simplify the operation of rubber to replace
- 5, measure the back pressure is consistent, high precision injection

技术参数 Technical Parameter

机型 TYPE	200TON	300TON	400TON
注射部分 Injection Unit			
注射柱直径 Injection Cylinder Dia. (mm)	75	90	110
注射压力 Injection Pressure (Kg/cm ²)	1900	1900	1900
理论注射容积 Theoretical Injection Volume (cm ³)	1500	3000	4000
螺杆直径 Screw Dia. (mm)	40	45	50
螺杆转速 Screw Speed (rpm)	0-90	0-120	0-120
锁模部分 Clamping Unit			
锁模力 Clamping Force (KN)	2000	3000	4000
开模行程 Mould Opening Stroke (mm)	380	450	550
最小模厚 Minimum Mold Height (mm)	90	100	120
热板间距 Min. Mould Thickness Range(mm)	500	550	550
立柱净间距 Distance Btwn Tie Bar (mm)	690x300	820X310	940X920
热板尺寸 Heater Platen Dimension (mm)	560x560	700X700	850X850
动力部分 Power Unit			
马达功率 Motor Power (KW)	11	15	15
电热功率 Heater Plate Power (KW)	16	24	20
真空泵功率 Vacuum pump Power (KW)	1	1	1
模温机功率 Temperature Controller Power(KW)	6	6	6
活塞直径 Piston diameter (mm)	355	450	500
系统压力 System Pressure (kgf/cm ²)	200	200	200
其他 Other			
机器重量 Machine Weight (Ton)	约7	约9	约11.5
机台尺寸 Dimension; LxWxH(mm)	1850X2900X3750	2200X3300X4200	2600X3600X4500
根据客户需求真空泵和模温机(选配)			

机台应用 | Application



机台特点 | The machine features

入料装置: 采用专利型料筒螺杆入料, 不断料及完全排气功能, 提升产品品质, 换料, 清料容易, 适应不同种类及硬度胶料。

止逆装置: 逆止阀特殊设计, 不死料、不藏料, 不返胶, 确保注射量精准

注射装置: 采用多段无极注射, 速度和压力随意调整, 不漏胶、可满足不同胶料工艺要求, 保证产品品质

温控装置: 两路温油系统, 分别PID调整, 保证温度的均匀性和控制的精确度。

Into the feeding device: the patent type barrel screw feeding, continuous feeding and completely exhaust function, improve product quality, refueling and easy to clean material, to adapt to the different kinds and hardness of rubber material.
Check device: check valve special design, no die material, no hide material, not back material, to ensure the precise amount of injection
Injection device with multi section no fitters injection, velocity and pressure of the random adjustment, not leak material, can meet the requirements of different sizing process and product quality assurance
Temperature control device: two temperature oil system, PID adjustment, to ensure the uniformity of the temperature and control precision.

机台应用 | Application



技术参数 | Technical parameters

机型 TYPE	200TON	300TON	400TON
出力Clamping force(Ton)	200	300	400
行程Stroke(mm)	480	550	550
台面Heating plate size(mm)	560X560	700X700	850X850
缸径Diameter of cylinder(mm)	355	450	500
射出量Injection volume(CC)	1500/2000	3000	4000
马力Horse power(hP)	15	20	20
开模形式Type of mold opening	上升下降-出入模-2RT-3RT-4RT Up/down-In/2RT-3RT-4RT		
单轴电热Single shaft thermal electricity(kw)	18	20	30
总电力Total power(kw)	29	35	46
重量Weight(kg)	8000	10000	12000
机台尺寸Dimension: L X W X H(mm)	3400X2550X2650	3400X2550X3000	4180X2800X3000

机台特点 | The machine features

- 1、采用欧美先进设计理念的先进先出注射结构, 注射力稳定, 可靠。
- 2、优化的射料杆大大减少了漏胶量, 维修、换胶方便快捷。
- 3、超大容量送料结构, 发明专利自动可旋转式送料筒, 省时省料, 适合不同颜色及不同性能的胶料快速更换生产。
- 4、全封闭安全挡板与光栅, 更高的设备操作安全等级。
- 5、热板加热分区控制, 温度更均匀。
- 6、更大的台面设计, 更多的自动化功能可供选配, 便于换色。

1. Adopt FILO(First In, First out) injection structure of European and American advanced design concept, and the injection force is stable and reliable.
2. Optimized shot feeding rod greatly reduces the rubber leakage and is convenient and fast for maintenance and rubber replacement.
3. Large capacity of feeding structure and the automatic rotary feeding tube with a patent for an invention, saves time and materials and is suitable for fast replacement and production of different color and property of rubber materials.
4. Totally-enclosed safety shield and grating, higher equipment operation safety grade.
5. Hot plate heating zone control makes temperature more even.
6. Bigger platen design, More automatic functions may be selected, Easy to change color.



适用范围: 200T-1000T

Scope of application: 200T-1000T

机台特点 | The machine features

- 1、力学设计: 机座采用特殊力学设计, 平面精度佳, 制成品外观美, 品质优。
- 2、入料系统: 特殊二段式入料设计, 能使原料得到最佳排气效果, 又不死料之功能。
- 3、射出量控制: 采用高精密度德制电子尺设计, 能准确的控制与计算射出量之大小。
- 4、转射板设计: 具特殊的座进、座退功能, 可使射嘴不死料。清料容易, 品质稳定。
- 5、安全设计: 备有日制高科技红外线安全电眼, 并具有全自动警告系统及多重安全防护装置, 可清楚掌握机台状况, 确保安全。
- 6、油路设计: 采用全比例式油路系统, 低噪音并具有自动调整压力大小比例之功能, 精确稳定。

1. Mechanics design: The base adopts special mechanics design and the precision of the horizon is more accurate. The appearance of the machine is more beautiful as well as the high quality.
2. Material supply system: A special design of two-stage material supply is employed. It expels bubble out in the most effective way, and no dead material left in the injection system.
3. Injection volume control: A high precision optical ruler made in Germany is employed. The injection volume can be calculated and controlled precisely.
4. Turn shoot board design: It can avoid the shoot mouth from generating dead material. And it is easy to clear up the material to keep the quality of the product.
5. Security design: A light curtain made in Japan is available. And an automatic warning system is also available. It monitors the status of machine in order to provide extra protection for operators.
6. Circuit board design: A full-scale oil system is adopted. The noise is low and the pressure is adjusted automatically and proportionally. It is very accurate and stable.

技术参数 | Technical parameters

机型 TYPE	200TON	300TON	400TON
出力Clamping force(Ton)	200	300	400
行程Stroke(mm)	480	550	550
台面Heating plate size(mm)	503X508	580X600	700X700
缸径Diameter of cylinder(mm)	355	450	500
射出量Injection volume(CC)	1500/2000	3000	4000
马力Horse power (HP)	15	20	20
开模形式Type of mold opening	上升下降-出入模-2RT-3RT-4RT Up/down-In/2RT-3RT-4RT		
单轴电热Single shaft thermal electricity(kw)	16	18	28
总电力Total power(kw)	27	33	44
重量Weight(kg)	6800	9000	11000
机台尺寸Dimension; L X W X H(mm)	3200X2350X2450	3200X2350X2800	3980X2600X2800

标配2RT. 可选3RT. 4RT开模结构

2RT is official, and the mold device of 3RT and 4RT is optional

可选加装料筒
Optional add barrel

机台应用 | Application



机台应用 | Application

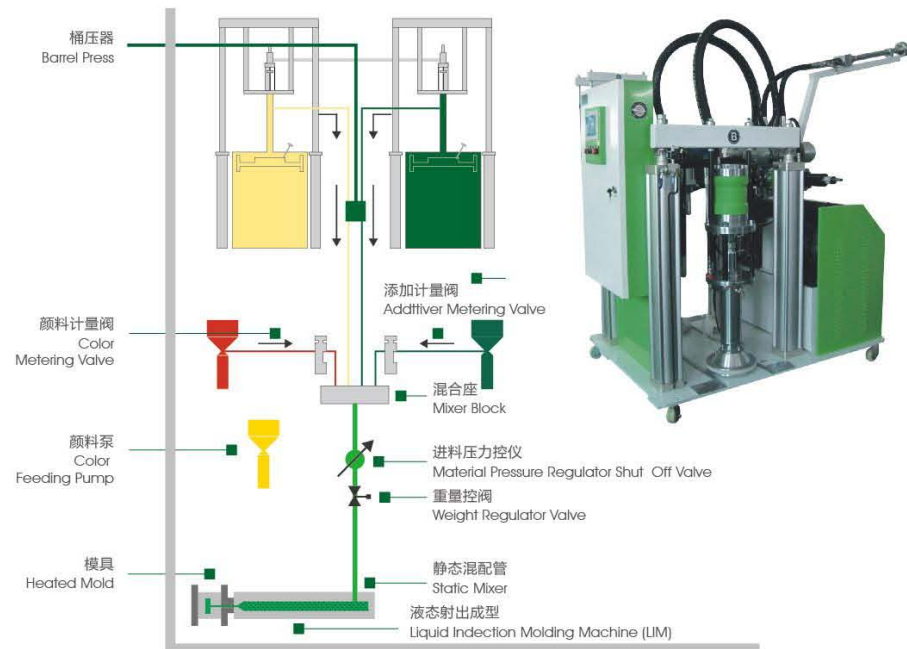


机台特点 | The machine features

- 1、自主研发的直压式注射炮筒更加适合液态硅胶注射成型的生产工艺，多段式精密模具电热温控；
 - 2、静态混合管将A、B两组成分液态硅胶充分混合均匀，为产品生产提供更好的质量保障；LSR专用油压水冷式封闭射咀；
 - 3、选用国际知名品牌油研的油泵、比例阀、电磁阀、LSR 专用料管组等液态配件，实现良好的液压功能的控制；
 - 4、全系列采用高响应永磁同步伺服马达、断热水冷板，液压建立反应时间迅速。动力机构输出的流量与执行机构的流量相匹配，无高压节流损失。
 - 5、全新TYM系列控制电脑、参数化设置、断热水冷板，多组电子尺监控各个执行动作，实现机械运转的可靠性、稳定性、精确性；
 - 6、色浆混配实现数控化，精度高达0.1%，此技术属业界尖端；特殊加料射出设计，加料计量更精确；
 - 7、选配可调式抽真空装置，防止产品气泡
- 适用产品:医疗用品,电子产品,日用品, 婴童用品。

1. the self-developed direct pressure injection barrel is more suitable for the production technology of liquid silica injection molding, and the multi-stage precision mold electrothermal temperature control;
 2. the static mixing tube shall fully mix the liquid silica gel of the a and b components to provide better quality assurance for the product production; Lsr special oil pressure water - cooled closed nozzle;
 3. select the liquid fittings such as oil pump, proportional valve, solenoid valve, LSR special material pipe group of the international famous brand YUKEN to realize the control of good hydraulic function;
 4. the new series adopts high response permanent magnet synchronous servo motor, hot water cold plate, and the hydraulic setting reaction time is rapid. The flow rate of the output of the power organization is matched with the flow rate of the executing agency, and no high pressure throttling loss is incurred.
 5. the new relation series control computer, parameter setting, hot water cold plate, multi - group electronic caliper monitor each execution action, realize the reliability, stability and accuracy of the mechanical operation;
 6. the color paste blending realizes numerical control, and the precision is up to 0.1 %. this technology belongs to the tip of the industry. Special feeding injection design, the feeding metering is more accurate;
 7. select the adjustable vacuum pumping device to prevent the product bubble
- Applicable products: medical supplies, electronic products, daily necessities, baby products.

计量混配系统配置 | System scheme of an LIM metering unit

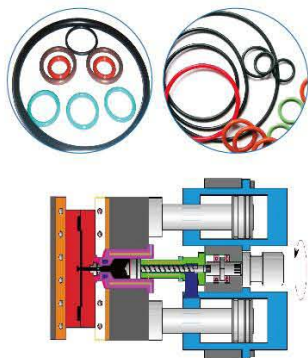


技术参数 | Technical parameters

机台 Unit		85T			120T			160T		
射出部分	螺杆直径	mm	φ32	φ36	φ40	φ36	φ40	φ45	φ40	φ45
	理论射出容量	cm ³	113	143	176	163	201	254	251	318
	射出重量	g	106	134	165	153	189	239	236	299
	射出压力	kg/cm ²	2331	1842	1492	1993	1614	1275	2310	1825
	射出速率	cm ³ /s	71	90	111	101	125	158	108	137
	可量化压力	kg/h	44	58	73	66	84	101	82	100
	加料马达转速	rpm		269			289			268
锁模部分	电热容量	kw		5.3			6.5			8.3
	锁模力	ton		85			120			160
	最小模厚	mm		200~300			200~300			250~350
	开模行程	mm		250			280			300
	最大开距	mm		450*550			480*580			550*650
	容模尺寸	mm		500*335			580*360			660*380
	底板尺寸	mm		680*520			800*600			970*630
机台外观	顶出行程	mm		50			65			65
	顶出力	ton		1.8			2.7			4.6
	电机马力	HP/KW	15(11.2)	15(11.2)	20(14.9)	20(14.9)	20(14.9)	25(18.7)	25(18.7)	30(22.4)
机台外观	滑板行程	mm		410	550		460	650		650
	机台尺寸	m	1.8*1.4	2*1.4	2*1.4	1.9*1.5	2.1*1.5	2.2*1.9	2.0*1.6	2.3*2.1
	机台重量	ton		4T			5T			6.5T



机台应用 | Application



机台特点 | The machine features

- 1、采用先进的，先进先出射出系统 (F.I.F.O) 防止死料残留，便于清洁，换色；
- 2、冷流道设计，减少生产中的原料浪费，有效提高生产效率；
- 3、采用高精度美制电子尺设计，能准确的控制与计算射出量精度；
- 4、自动化效率高，附刷子系统，可以自动将产品刷出，节约人工；
- 5、安全性高，捷和全系统机器通过CE认证。

1. adopt advanced, advanced first out injection system (F.I.F.O) to prevent residue of dead material, easy to clean and color changing;
2. cold flow channel design, reduce waste of raw materials in production, effectively improve production efficiency;
3. adopt the high precision American electronic electronic caliper design, can accurately control and calculate the injection quantity precision;
4. high automation efficiency, with brush system, can automatically brush out products, saving labor;
5. high security, agile and all - system machines are certified by ce.

技术参数 | Technical parameters

机型 TYPE	200TON	300TON	400TON
出力Clamping force(Ton)	200	300	400
行程Stroke(mm)	500	550	550
注射压力 (kgf/cm²)	1650	1900	2200
台面Heating plate size(mm)	500x510	640x650	790*800
缸径Diameter of cylinder(mm)	355	450	500
射出量Injection volume(CC)	1000cc	3000cc	4000cc
马力Horse power (HP)	15	20	20
单轴电热Single shaft thermal electricity(kw)	18	20	30
总电力Total power(kw)	29	35	46
重量Weight(kg)	8000	10000	12000
机台尺寸Dimension; LXWXH(mm)	4000*1350*3350	4200*1550*3350	4400*1750*3750

机台应用 | Application



机台特点 | The machine features

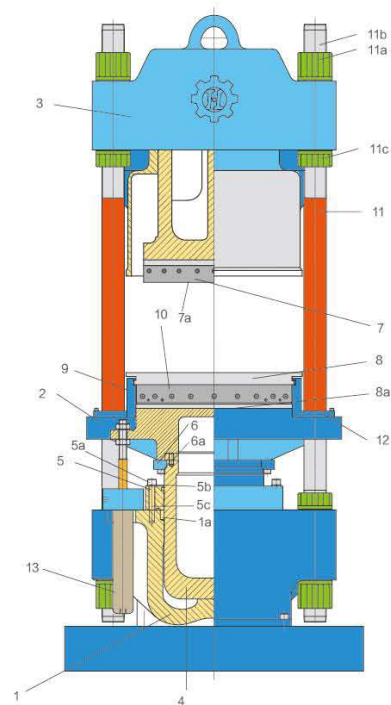
- 1、全新真空注射方式。
- 2、增强橡胶产品密度，减少不良率、节省原材料。
- 3、减少热能损耗，缩短硫化时间，节约能源。

1. A new way of vacuum injection.
2. Enhance the density of rubber products, reduce the bad rate, save raw materials.
3. Reduce heat energy loss, shorten curing time and save energy.

技术参数 | Technical parameters

机型 TYPE	350TON
注射压力kgf/cm²	Injection pressure kgf / cm²
1800	
理论注射容积cm³	Theoretical injection volume cm³
3000	
螺杆直径mm	Screw diameter mm
45	
螺杆转速rpm	Screw speed rpm
0-120	
锁模力kn	Mode locking force kn
3500	
开模行程mm	Die opening stroke mm
500	
最小模厚mm	Minimum die thickness mm
200	
热板间距mm	Hot plate spacing mm
700	
热板尺寸mm	Hot plate size mm
上: 650*650 下: 700*750	
马达功率hp	Motor power HP
30	
系统压力kgf/cm²	System pressure kgf / cm²
200	
真空罩行程mm	Vacuum cover travel mm
400	
活塞直径mm	Piston diameter mm
475	





编号 NO.	名称 Appellation
1	主缸 Main Ram
1a	主缸油封 Main Cylinder Oil Seal
2	中座 Moving Bolster
3	上座 Top Bolster
4	活塞 Plunger
5	法兰 Flange
5a	法兰固定螺丝 Flange Fixed Screw
5b	法兰防尘 Ram Wiper Seal
5c	法兰防油 O型圈 Flange Oil Proof O-ring
6	联结板 Linking Board
6a	联结板固定螺丝 Linking Board Fixed Screw
7	上电热板 Top Heating Plate
7a	上隔热板 Upper Insulation Plate
8	下电热板 Bottom Heating Plate
8a	下隔热板 Low Electric Heating Plate
9	滑轨 Slide Rail
10	出入模板 In-out Plate
11	立柱 Chrome Heated Vertical Post
11a	立柱螺母(大) Vertical Post Nut(Large)
11b	立柱螺母防松丝 Vertical Post Lost Nut
11c	立柱螺母(小) Vertical Post Nut(Small)
12	无油轴承座 Oil Free Bearing Seat
13	子缸(辅助油缸) Auxiliary Hydraulic Cylinder

技术参数 | Technical parameters

机型 TYPE	100TON	200TON (小台面)	200TON	250TON	300TON	350TON	400TON	500TON
出力 Clamping force(Ton)	100	200	200	250	300	350	400	500
行程 Stroke(mm)	250	270	300	300	300	300	300	300
台面 Heating plate size(mm)	UP: 380*380 Down: 400*400	UP: 480*480 Down: 500*500	UP: 500*500 Down: 560*560	UP: 600*600 Down: 600*650	UP: 600*600 Down: 650*650	UP: 700*700 Down: 700*750	UP: 800*800 Down: 850*850	UP: 1000*1000 Down: 1200*1000
缸径 Diameter of cylinder(mm)	250	355	355	400	450	475	500	560
马力 Horse power(hp)	5.5*2	7.5*2	10*2	10*2	15*2	15*2	15*2	20*2
开模形式 Type of mold opening	上升下降 - 出入模 - 轨道开模 /2RT/3RT/4RT Up-Down In-Out rail							
双轴电热 Double shaft thermal electricity(KW)	15.6	27	27	34	34	40	45	86
真空泵 Vacuum pump(KW)	2	3	3	3	3	3	3	4
总电力 Total power (kw)	23	41	45	52	59	65	70	112
重量 Weight (kg)	6500	8000	9000	11500	12000	17000	22000	35000
机台尺寸 Dimension:L*W*H(mm)	2750*2000 *2100	2900*2200 *2200	3000*2400 *2350	3400*2600 *2400	3500*2700 *2500	3660*2950 *2600	3850*3200 *2700	4790*3860 *2880

机台应用 | Application



机台特点 | The machine features

1. 特殊式新型轨道开模，掀模角度可达90度，方便人员操作。换模具时，不需将轨道开模座卸下，即可轻松完成。
2. 采用双动力、双油泵、双马达、双冷却器，两轴完全独立工作。
3. 油路系统特殊设计，无振动，稳定性好，出入模、上升下降比同行机器要快。
4. 真空度高，采用平均抽法，可使产品稳定，提高品质及产能。
5. 真空储气罐底座式，储气空间大。
6. 新型掀模机械设计，耐用寿命长，出入模静音、快速、平稳。
7. 适合按键类、O型环、迫紧等精密硅橡胶产品应用。

1. The new special rail is applied for mold opening, with the angle of lift mold as large as 90 degrees, convenient for workers to operate no need to disassemble the mold foundation when change mold.
2. Double powers, double oil pumps, double motors and double oil coolers are applied for the two axes to work independently.
3. The oil system is unique in design with good stability, faster lift-up and lift-down speed compared with other brands when unloading/loading mold.
4. High vacuum and the average pumping method are applied for the manufacturing of stable products and improving the quality and productivity.
5. The pedestal vacuum oxygen tank provides large oxygen storage space.
6. The new mold raising mechanism design has the advantages of long working life, quiet mold-unloading/loading, fastness and stability.
7. It is suitable for manufacturers who produce buttons, O-rings, packings and other rubber products.

机台应用 | Application



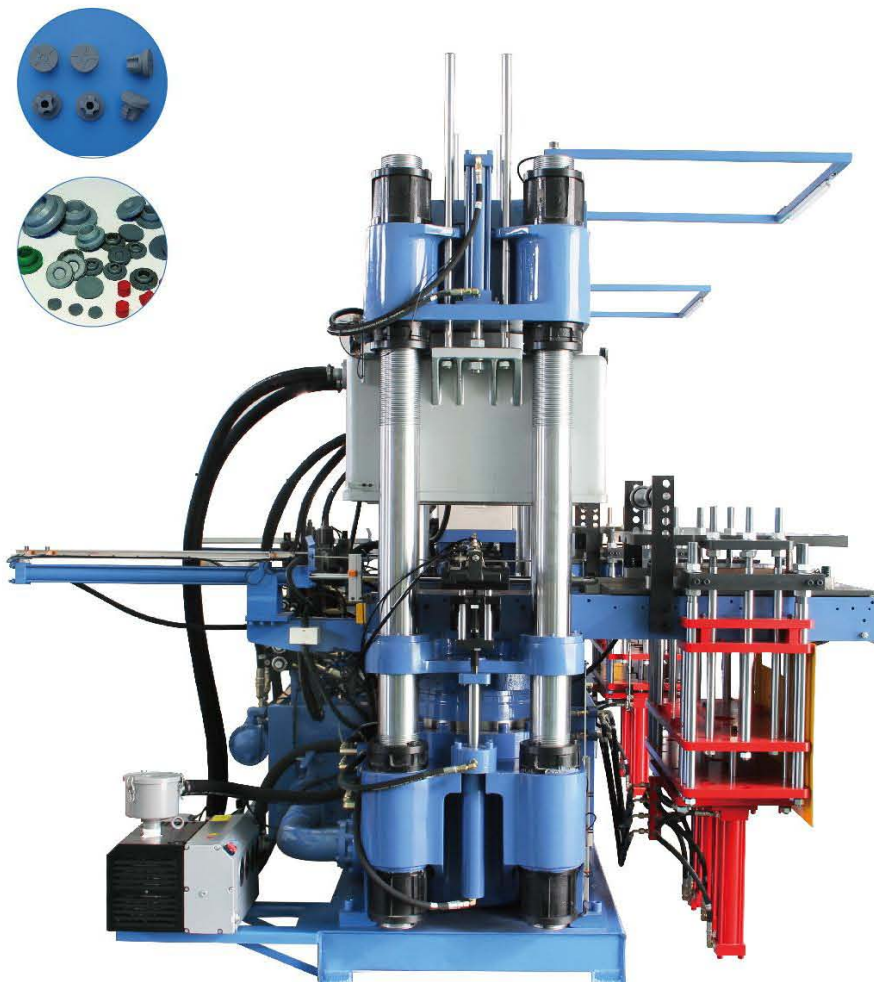
适用范围: 100T-1000T Scope of application: 100T-1000T

机台特点 | The machine features

1. 采用双动力、双油泵、双马达、双冷却器。两轴完全独立工作。
2. 油路系统特殊设计，无振动，稳定性好，出入模、上升下降比同行机器要快。
3. 真空度高，采用平均抽法，可使产品稳定，提高品质及产能。
4. 真空储气罐基座式，储气空间大。
5. 新型掀模机械设计，耐用寿命长，出入模静音、快速、平稳。
6. 适合减震器、医疗瓶塞、汽车零部件、垫片、导电按键、电子用品等精密硅橡胶产品应用。

1. Double powers, double oil pumps, double motors and double oil coolers are applied for the two axes to work independently.
2. The oil system is unique in design with good stability. faster lift-up and lift-down speed compared with other brands when Unloading /loading mold.
3. High vacuum and the average pumping method are applied for the manufacturing of stable products and improving the quality and productivity.
4. The pedestal vacuum oxygen tank provides large oxygen storage space.
5. The new mold raising mechanism design has the advantages of long working life, quiet mold-unloading/loading, fastness and stability.
6. It is suitable for manufacturers who produce rubber dampers, rubber rollers, medical drug plugs, automobile spare parts, rubber gaskets, conductive buttons and other rubber products.

机台应用 | Application





机台应用 | Application

适用范围: 100T-1200T

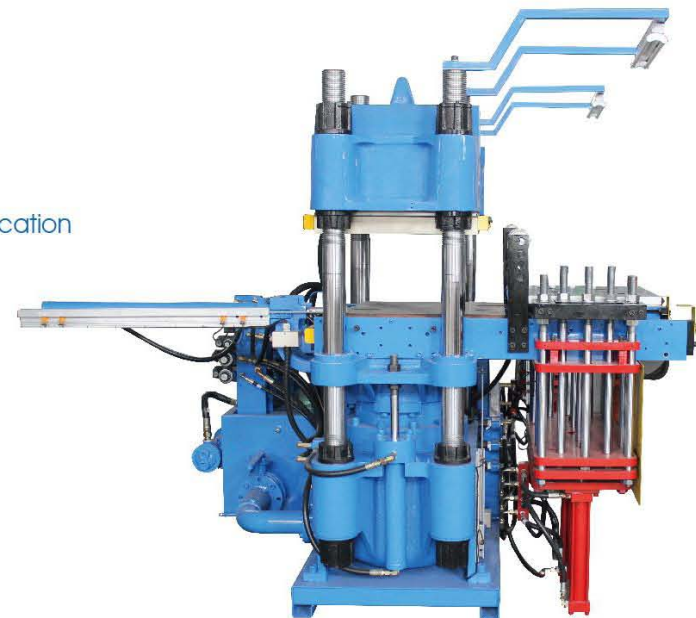
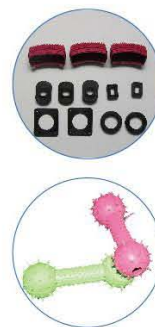
Scope of application: 100T-1200T

机台特点 | The machine features

1. 此机型适合二层或三层模具使用，是多种功能的机型。
2. 采用双动力、双油泵、双马达、双冷却器，两轴完全独立工作。
3. 油路系统特殊设计，无振动，稳定性好，出入模、上升下降比同行机器要快。
4. 具有慢速校模功能，校模更精确、更安全。
5. 进出模准确定位，有100%的定位安全设计，确保模具不损坏。
6. 掀合模速度可调，准确可靠。
7. 适合电子零部件、医疗用品、生活用品、汽车零部件、工业零部件等产品应用。

1. This kind of machine is a machine with multiple functions, it is suitable for two-layer or three-layer mold.
2. Double powers, double oil pumps, double motors and double oil coolers are applied for the two axes to work independently.
3. The oil system is unique in design with good stability, faster lift-up and lift-down speed compared with other brands when unloading/loading mold.
4. With the function of slow speed alignment adjusting, the adjustment is more precise and safe.
5. The accurate placement of the loading/unloading mold has the 100% placement safety design, protecting the mold from being damaged.
6. The speed of mold raising and closing can be adjusted accurately and safely.
7. It is suitable for manufacturers who produce electric components, medical articles, daily necessities, vehicle components and industrial components and etc.

机台应用 | Application



技术参数 | Technical parameters

机型 TYPE	100Ton	100Ton (大台面)	200Ton (小台面)	200Ton	250Ton	300Ton	350Ton	400Ton	500Ton
出力 Clamping force (Ton)	100	100	200	200	250	300	350	400	500
行程 Stroke (mm)	270	270	270	300	300	300	300	300	300
台面 Heating plate size(mm)	400×400	500×500	500×500	560×560	600×650	650×650	700×750	850×850	1200×1000
缸径 Diameter of cylinder (mm)	250	250	355	355	400	450	475	500	560
马力 Horse power (hp)	5×2	5×2	7.5×2	10×2	10×2	15×2	15×2	15×2	20×2
开模形式 Type of mold opening	上升下降—出入模—2RT/3RT/4RT Up/Down In/Out—2RT/3RT/4RT								
双轴电热 Double shaft thermal electricity(kw)	15.6	25	27	27	34	38	40	40	86
总电力 Total power (kw)	23	32.5	42	42	49	60	62	62	108
重量 Weight (kg)	4500	5500	6000	7000	9000	11000	13000	16000	25000
机台尺寸 Dimension: L×W×H (M)	2.5×1.8×1.7	2.8×2.1×2.	2.8*2.4*2	3×2.4×2	3.4×2.5×2.05	3.45×2.5×2.1	3.45×2.6×2.1	3.5×2.7×2.2	4.79×3.86×2.28

标配2RT. 可选3RT. 4RT开模结构

2RT is official, and the mold device of 3RT and 4RT is optional

机台应用 | Application



适用范围: 100T~1200T

Scope of application: 100T-1200T

机台特点 | The machine features

1. 此机型适合二层模具使用, 有快速的生产能力。轨道开模, 掀模角度可达90度, 方便人员操作。
2. 采用双动力、双油泵、双马达、双冷却器, 两轴完全独立工作。
3. 油路系统特殊设计, 无振动, 稳定性好, 出入模、上升下降比同行机器要快。
4. 具有慢速校模功能, 校模更精确、更安全。
5. 适合O型圈、黑橡胶成品、导电橡胶、按键、垫片等硅橡胶产品应用。

1. This kind of machine is suitable for two-layer mold with quick productivity. Opening and raising angles of the mold can reach as large as 90 degrees, and it is very convenient to operate.
2. Double powers, double oil pumps, double motors and double oil Coolers are applied for the two axes to work independently.
3. The oil system is unique in design with good stability, faster lift-up and lift-down speed compared with other brands when unloading/loading mold.
4. With the function of slow speed alignment adjusting, the adjustment is more precise and safe.
5. It is suitable for manufacturers who produce O-rings, black rubber products, conductive rubber products, silicon button and rubber gaskets and other rubber products.

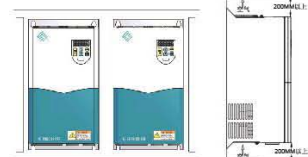
技术参数 | Technical parameters

机型 TYPE	100TON	100TON(大台面)	200TON	250TON	300TON	350TON	500TON
出力 Clamping force(Ton)	100	100	200	250	300	350	500
行程 Stroke(mm)	270	270	300	300	300	300	300
台面 Heating plate size(mm)	400X400	500X500	560X560	600X650	650X650	750X750	1200X1000
缸径Diameter of cylinder(mm)	250	250	355	400	450	475	560
马力 Horse power(hp)	5X2	5X2	10X2	10X2	15X2	15X2	15X2
开模形式 Type of mold opening	上升下降—出入模—轨道开模 Up-Down In-Out Rail						
双轴电热Double shaft thermal electricity(kw)	15.6	25	27	34	38	40	86
总电力 Total power(kw)	23	32.5	42	49	60	62	108
重量 Weight(kg)	4500	5500	7000	9000	11000	13000	25000
机台尺寸Dimension: L*W*X(H)(mm)	2500X1800X1700	2800X2100X2000	3000X2400X2000	3400X2500X2050	3450X2500X2100	3450X2600X2100	4790X3860X2280

优势及特点 |

Advantages and characteristics

1. 安全设计
2. 整体结构及安全设计符合欧洲CE认证标准。
3. 采用伺服系统配置



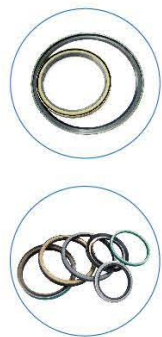
伺服系统特点 | Characteristics of servo system

- a. 高节能: 充分发挥伺服电机的调速性能, 结合优化后的压力和流量控制算法按需供油, 与原来的定量泵系统相比, 最高可节能60%以上。
- b. 高性能: 选用高精度的压力传感器, 结合高响应的PID算法, 可保证系统压力波动在 $\pm 0.5\text{bar}$ 之内。
- c. 高效率: 采用高效的弱磁算法, 充分发挥伺服电机的高转速, 使系统获得更大的流量输出, 提高了设备整体效率; 伺服最快响应速度可达13ms, 确保系统更快的建立起压力。
- d. 低噪音: P采用低噪音内齿泵和四象限柱塞泵, 降低系统工作时噪音。整机安静运行, 即使是在高压锁模和高压注射的情况下, 仍然能给您一个安静的工作环境
- e. 节约冷却水: 因液压系统消除无功耗, 液压系统发热极少, 油箱不需要接冷却水, 机器不间断运行油箱温度低于55℃
- f. 提高维护保养性: 与伺服阀系统相比, 降低了液压油的使用要求, 液压元件寿命延长

技术参数 | Technical parameters

机型 TYPE	200TON	250TON	300TON	350TON	400TON	500TON
出力 Clamping force(Ton)	200	250	300	350	400	500
行程 Stroke(mm)	300	300	300	300	300	300
台面 Heating plate size(mm)	UP:500*500 Down:560*560	UP:600*600 Down:600*650	UP:600*600 Down:600*650	UP:700*700 Down:700*750	UP:800*800 Down:850*850	UP:1000*1000 Down:1200*1000
缸径Diameter of cylinder(mm)	355	400	450	475	500	560
马力 Horse power(hp)	10*2	10*2	15*2	15*2	15*2	20*2
开模形式 Type of mold opening	上升下降—出入模—2RT/3RT/4RT Up/Down In/Out—2RT/3RT/4RT					
双轴电热Double shaft thermal electricity(kw)	27	34	34	40	45	86
真空泵 Total power(kw)	3	3	3	3	3	4
总电力 Total Power (kw)	45	52	59	65	70	112
重量 Weight(kg)	9000	11500	12000	17000	22000	35000
机台尺寸Dimension: L*W*X(H)(mm)	3*2.4*2.35	3.4*2.6*2.4	3.5*2.7*2.5	3.66*2.95*2.5	3.85*3.2*2.7	4.79*3.86*2.88

机台应用 | Application



机台特点 | The machine features

针对较复杂骨架油封成品特性专门设计，良品率高，生产效率高。特殊掀模方式，方便人员操作。此机型适合较复杂油封、迫紧、各类杂件橡胶生产。

The special design for the complicated characteristics of the finished framework oil seal products ensures the high acceptability rate and high productivity. The special mold raising method makes it convenient for the workers to operate. This kind of machine is suitable to produce complicated oil seals, packings and all kinds of sundries and rubbers.

技术参数 | Technical parameters

型号 / Model	JH-100	JH-150	JH-250
锁模力(KN)Clamping force	100	150	250
主活塞直径(mm)Diameter of main piston	250	300	400
热盘尺寸(mm)Heating plate size	350*400	450*480	570*610
模架板尺寸(mm)Lifting plate size	390*420	500*520	620*620
主机行程(mm)Main stroke	140	140	140
开档(mm)Stroke of the mold opening	150/180	150/180	150/180

机台应用 | Application



技术参数 | Technical parameters

机型 TYPE	100TON	200TON	250TON	300TON	350TON	500TON
出力Clamping force(Ton)	100	200	250	300	350	500
行程Stroke(mm)	300	300	300	300	300	300
台面Heating plate size(mm)	UP:400X380 Down:400X400	UP:503X508 Down:560X560	UP:600X600 Down:600X650	UP:600X600 Down:650X650	UP:700X700 Down:700X750	UP:1000X1000 Down:1200X1000
缸径Diameter of cylinder(mm)	250	355	400	400	450	560
马力Horse power(hp)	5.5X2	10X2	10X2	10X2	15X2	15X2
开模形式Type of mold opening	上升下降-出入模-2RT/3RT/4RT Up/Down in/Out 2RT/3RT/4RT					
双轴电热Double shaft thermal electricity(kw)	15.6	27	34	34	38	86
真空泵Vacuum pump(kw)	2	3	3	3	3	4
总电力Total power(kw)	23	45	52	52	65	112
重量Weight(kg)	6500	9000	11500	11500	13500	45000
机台尺寸Dimension: LXWXH(mm)	2750X2000X2100	3000X2400X2350	3400X2600X2400	3400X2600X2400	3500X2800X2600	4790X3860X2880

机台应用 | Application



机台特点 | The machine features

采用“C”型框架两侧全开放式锁模结构和无流道全进全出注射装置，不用止逆阀，计量更为精确；生产过程不会产生老化胶，不用打料头，更省料、更高效。是各类密封条接口或接角的最佳生产设备。

Adopt "C" type frame total access from the side clamping structure, accurate measurement without check-valve. There is no vulcanized rubber in the process of production, enhance efficiency. Suitable for all kinds of sealing profiles junction and corner molding products.



技术参数 | Technical parameters

机型 TYPE	30J	50J	75J	100J
注射容积(cm³)Injection volume	150	300/500	300/500	500/1000
锁模力(KN)Clamping force	300	500	750	1000
热板尺寸(mm)Heating plate size	300*300	400*400	450*450	500*500
最大合模行程(mm)Max clamping stroke	300	350	350	350
最小模具厚度(mm)Min mold thickness	60	60	100	100
总电力(KW)Total power	20	23	28	30
热板间距(mm)Distance between plates	350	400	440	440
喷嘴口径直径(mm)Nozzle diameter	5.5	5.5	5.5	5.5
喷嘴圆弧半径(mm)Arc Radius of Nozzle	12.5	12.5	12.5	12.5
尺寸(mm)Dimension: L*W*H	1500X1050X2600	1600X1100X2900	1700X1200X2900	1800X1300X3000
重量(kg)Weight	2000	3000	4000	5000

机台应用 | Application



机台特点 | The machine features

成品无射点，一次投料，多次使用。转射无残料，节省胶料。

No burst firing on the finished Products one time feeding, multiple utilization. No-residue material in the swirling jet, save rubber materials.



技术参数 | Technical parameters

机型 TYPE	100TON	200TON	400TON
出力 (Ton)	100	200	400
行程 (mm)	200	250	300
台面 (mm)	400*400	554*560	850*850
缸径 (mm)	250	355	500
马力 (hp)	7.5*1	10*1	15*1
开模形式	上升下降-出入模-2R		
单轴电热 (kw)	9	12	18
总电力 (kw)	17.5	19.5	29
机台尺寸: L*W*H (mm)	1570*1600*2850	1600*1750*2850	1900*1850*3700
注射容积 (cm³) (CC)	800	1000	2500

标配2RT. 可选3RT. 4RT开模结构

2RT is official, and the mold device of 3RT and 4RT is optional

机台应用 | Application



机台特点 | The machine features

密胺餐具成型机及摩擦片成型机，密胺餐具成型机包括美耐皿（密胺）筷子、美耐皿（密胺）杯、美耐皿（密胺）碗盘、美耐皿（密胺）汤匙、美耐皿（密胺）沙拉碗、美耐皿（密胺）餐具等多种美耐皿（密胺）系列产品。

特色说明

1. 特设辅助油压机构，增加两旁之水平挤压作业。
2. 垂直加压及水平加压各别独立，所需压力可单独设计。
3. 两旁之压挤系采同步机构，左右之压力均匀，无压力不均内应力残留之缺点。
4. 除了生产美耐皿餐具（密胺餐具）和摩擦片外，对于需四面加压之产品也极具适用。

技术参数 | Technical parameters

型号 Model	100TON	150TON	200TON	200TON(大台面)
出力Clamping force(Ton)	100	150	200	200
行程Stroke(mm)	460	480	500	500
台面Heating plate size(mm)	540*605	660*620	660*620	720*720
热板间隔Min. Mould Thickness Range(m/m)	460	480	500	500
系统压力System Pressure(kg-cm ²)	210	210	210	210
马力Horse power(hp)	5	7.5	10	10
总电力Total power(kw)	10.6	10.6	15.2	15.2
机台重量(kg)/Weight	3700	4000	6000	6000



弹力球专用热压成型机（六层）



强力球专用冷压成型机(二层)

机台应用 | Application



技术参数 | Technical parameters

机型 TYPE	100T(六层 six floor)	200T(二层 two floor)
出力Clamping force(Ton)	100	200
台面Heating plate size(mm)	470x470	470x470
缸径Diameter of cylinder(mm)	250	355
马力Horse power(hp)	10	10
双轴电热Double shaft thermal electricity(kw)	102	24
总电力Total power(kw)	109.5	39
重量Weight(kg)	12000	8000
机台尺寸Dimension: L x W x H(mm)	2800x2000x3400	3300x1700x2200



技术参数 | Technical parameters

- 切条宽度500mm, 长度0.1~300mm, 厚度10mm(硅胶)
切条宽度400mm, 长度0.1~100mm, 厚度3mm(橡胶)
- 200V、50HZ、切刀马达120W
- 切刀往复每分钟85~100次, 高精度步进电机、布距角0.6度/1.2度、20Nm
- 外形尺寸: 1100*800*960mm 净重: 190kg
- 循环多段切割
- 电控系统: 脉波产生器
- 计数器: 液晶显示器

- cutting width 500mm, cutting length 0.1~300mm, cutting thickness 10mm(silicone)
cutting width 400mm, cutting length 0.1~100mm, cutting thickness 3mm(rubber)
- 200V、50HZ、cutting motor 120W
- The cutting blade reciprocates 85-100 times/min. High precision motor, the angle is 0.6°/1.2°, 20Nm.
- Dimension: 1100*800*960mm Gross weight: 190kg
- Multi-cutting cycle
- Control system: PLC Pulse modulation
- Counter: LED



一般橡胶切条机
General Rubber Material Cutting Machine



硅橡胶切条机
Silicon Rubber Cutting Machine

技术参数 | Technical parameters

名称 name	参数 parameter
马力 horsepower	2.2kw
机台尺寸 Machine size: LxWxH(mm)	1080 × 900 × 1230
机台重量 machine weight	620Kg
切胶宽度 Rubber cutting width	1mm~50mm
切胶长度 Rubber cutting length	≤580mm
切胶厚度 Rubber cutting thickness	≤12mm
电控系统 Electric control system	脉波产生器PLC Pulse generator PLC
计数器 Counter	液晶显示器, 可做1~9999设定1~9999 LCD Liquid crystal display, can be used to set 1~9999 LCD 1~9999
机体结构 Structure	铸造式侧板及底板, 强度及稳定性佳。Casting type side plate and bottom plate, strength and good stability.
性能 performance	切胶时安静无声, 切胶准确100%。When the glue is quiet and silent, cutting glue accurately 100%.

JIEHE INDUSTRY

25TON全自动单头平板硫化机
25TON full automatic single station
plate vulcanizing press machine



JIEHE INDUSTRY

50TON全自动单头平板硫化机
50TON full automatic single station
plate vulcanizing press machine

技术参数 | Technical parameters

型号 / Model	25TON	50TON
出力Clamping force(Ton)	25	50
行程Stroke(mm)	250	250
台面Heating plate size(mm)	350x350	400x400
马力Horse power(hp)	5	5
重量Weight(kg)	800	1800
机台尺寸Dimension: L X W X H(mm)	1200x1150x1600	1400x1350x1800

JIEHE INDUSTRY

100TON全自动单头(双层)平板硫化机
100TON full automatic single station
plate vulcanizing press machine



JIEHE INDUSTRY

400T全自动平板硫化机
400TON full automatic plate curing machine



技术参数 | Technical parameters

型号 / Model	100TON	400TON
出力Clamping force(Ton)	100	400
行程Stroke(mm)	250	300
台面Heating plate size(mm)	500*500	850*850
马力Horse power(hp)	5	15
重量Weight (kg)	2300	8500
机台尺寸Dimension: L*W*H (mm)	1500*1350*1880	2800*2700*2200

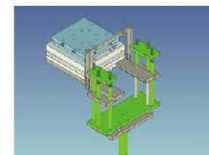
JIEHE INDUSTRY
500TON全自动平板硫化机
500TON full automatic plate
curing machine



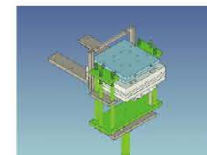
技术参数 | Technical parameters

型号 / Model	500TON
出力Clamping force(Ton)	500
行程Stroke(mm)	300
台面Heating plate size(mm)	1200*1000
马力Horse power(hp)	20
重量Weight (kg)	15000
机台尺寸Dimension: L*W*H (mm)	3750*3860*2280

2RT



入模到位加压

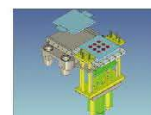


出模

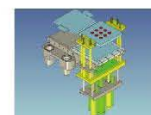


掀模取产品

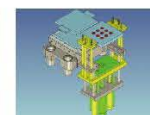
2RT 加下拍



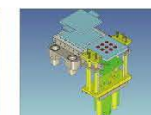
出模



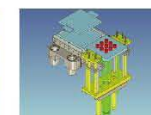
一层托模



下板入模

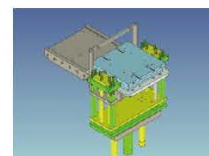


中板下降

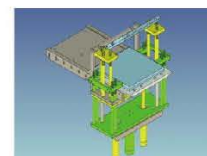


拍模板顶产品

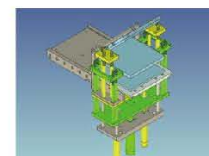
3RT



出模

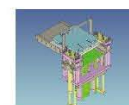


一层开模

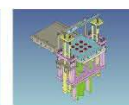


二层开模

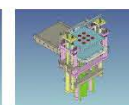
4RT



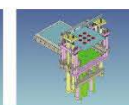
出模



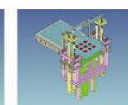
顶一层



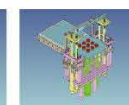
顶二层



下模入模



二层下降



拍模板顶产品



JIEHE INDUSTRY
全自动薄膜按键机
Automatic film button machine



JIEHE INDUSTRY
全自动大型真空平板硫化机
Automatic vacuum Platen vulcanizing machine (large type)



JIEHE INDUSTRY
全自动平板硫化机(台面加大)
Automatic platen vulcanizing machine (big plate)



JIEHE INDUSTRY
热板平板硫化机(双工位)高温可达500℃
Platen vulcanizing machine with thermal calibration (Double worktable)



JIEHE INDUSTRY
全自动平板硫化机(63T)
Automatic platen vulcanizing machine



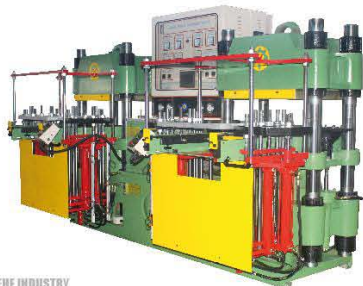
JIEHE INDUSTRY
全自动平板硫化机(三联头)
Automatic platen vulcanizing machine (Triple head)



JIEHE INDUSTRY
高真空度真空硫化机
Vacuum vulcanizing machine (High vacuum degree)



JIEHE INDUSTRY
防护罩
Protection cover



JIEHE INDUSTRY
全自动平板硫化机(加机械上拍)
Full-automatic flat vulcanizing machine (with mechanical top shot)



JIEHE INDUSTRY
全自动平板骨架油封机
Full automatic plate frame oil seal machine



JIEHE INDUSTRY
200T全自动立式先进先出射出成型机
200T Fully Automatic Vertical FIFO Injection Molding Machine



JIEHE INDUSTRY
全自动平板硫化机(热水袋专用成型机)
Automatic flat plate vulcanizing machine (special molding machine for hot water bag)



JIEHE INDUSTRY
桥梁支座专用热压成型机
Special machine for bridge support



JIEHE INDUSTRY
汽车雨刮器橡胶成型机
Rubber forming machine for automobile wiper



JIEHE INDUSTRY
全自动快速轨道平板硫化机
Fully automatic fast track plate curing machine



JIEHE INDUSTRY
卧式全自动先进先出射出成型机
Horizontal automatic injection machine(FIFO)



JIEHE INDUSTRY
真空新型轨道附前顶成型机
New style vacuum platen molding machine



JIEHE INDUSTRY
绝缘子注射成型机
Insulator injection Machine



JIEHE INDUSTRY
350T真空单侧双联机
350TON vacuum machine(one side , two station)



JIEHE INDUSTRY
全自动冷热压机机械手开模成型机
Automatic molding machine with mechanical arm
(hot and cold press)



JIEHE INDUSTRY
全自动先进先出射出成型机
Fully automatic FIFO injection molding machine (First in,First out)



JIEHE INDUSTRY
1500*1500蒸汽加热成型机
Steam-heat molding machine



JIEHE INDUSTRY
全自动平板硫化机(四联头)
Fully automatic plate curing press (quaduple - head)