



快速换模系统

Quick Die Change System

Sistema de cambio rápido de molde



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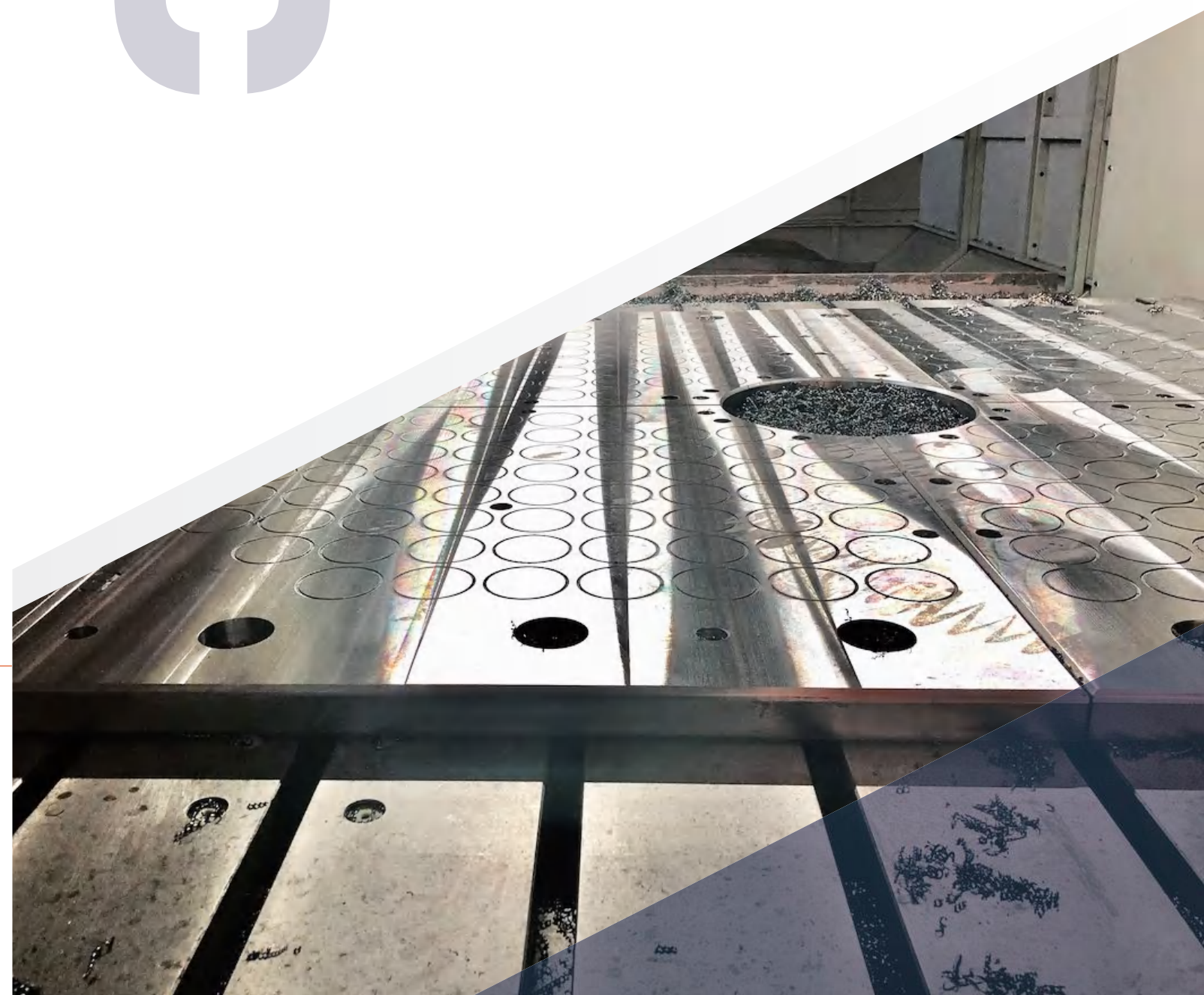
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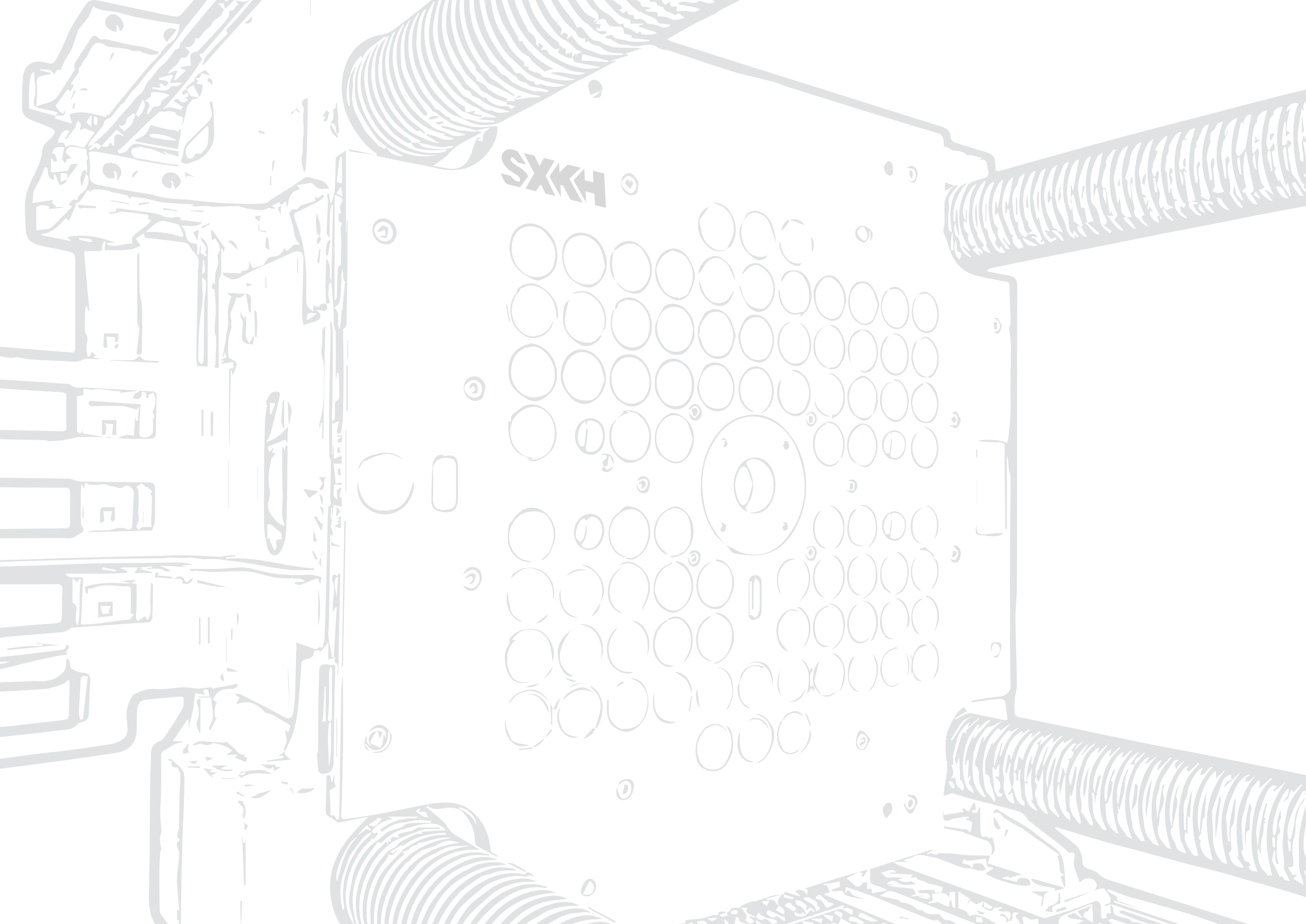
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SXKH 2023.10-QDC-01





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我们希望我们的业务遍布全球的每一个角落，同时，我们也真诚地欢迎每一位合作伙伴的加入，携手共创顺兴开浩全球化产业的美好明天。

We wish to have our presence across the world.
We also sincerely welcome new partners to join hands with SXKH to help us reach out to global industries.



精模匠（浙江）机械制造有限公司 SXKH(Zhejiang)Machinery Co.,Ltd.

位于中国宁波，主要研发、生产精模匠品牌的合模机、翻模机、试模机、液压夹具、电磁吸盘等产品。公司在宁波拥有两家工厂，年产合模机 200 台，是国内较早生产合模机的厂家之一。

Located in Ningbo, China, it is mainly engaged in designing, producing and selling Die Spotting Press, Mold Flipper, Mold Inspection Machine, Hydraulic Clamps and Electro-permanent Magnetic Chuck. Ningbo SXKH owns two plants in Ningbo with annual output of 200 sets of die spotting presses, which is one of the first domestic manufacturers of die spotting press.

上海钜匠自动化有限公司 Shanghai SXKH Automation CO., Ltd.

位于中国上海，主要向中国市场提供欧美高端设备的进口服务，包括售前，售后。代表产品有葡萄牙 MOLDMAK 的六轴多功能加工中心。同时也为全球客户提供中国优质的模具加工设备。

Located in Shanghai, China, it is mainly engaged in providing import service of High-end equipment from Europe and America to Chinese market, including installation and after-sales service. For instance: the six-axis machining center from Moldmak, Portugal, which is the world leading company in Milling & Drilling machine. Meanwhile, Shanghai SXKH also provides Chinese top-quality mold & tool processing equipment to global customers.

印度 (SXKH) 自动化有限公司 SXKH Automation India Private Limited

位于印度新德里，主要负责 SXKH Global 在印度市场的所有业务。

Located in New Delhi, India, it is responsible for all businesses in India market of SXKH Industry.

香港 (SXKH) 实业有限公司 SXKH(HONG KONG)Industry Limited

位于中国香港，主要负责 SXKH 全球业务拓展及项目投资。

Located in Hongkong, it is mainly engaged in the development of SXKH Industry business and industrial investment.

宁波译语匠心 (SXKH) 翻译有限公司 Ningbo Trans-Artisan Translation Co., Ltd.

SXKH Global 旗下独特的语言服务团队。公司致力于帮助中国制造业进入国际市场提供强大的多种语言支持。

As an independent language service enterprise under SXKH Global, it provides strong multi-language support for Chinese manufacturing enterprises to enter the international market.



宁波总部
Ningbo Headquarters



宁波二分厂
Ningbo Second Branch Factory



苏州美磁工厂
Suzhou Magnetics Factory



SXKH 上海公司
SXKH Shanghai Global Service Center



SXKH 德国工厂
SXKH German Factory



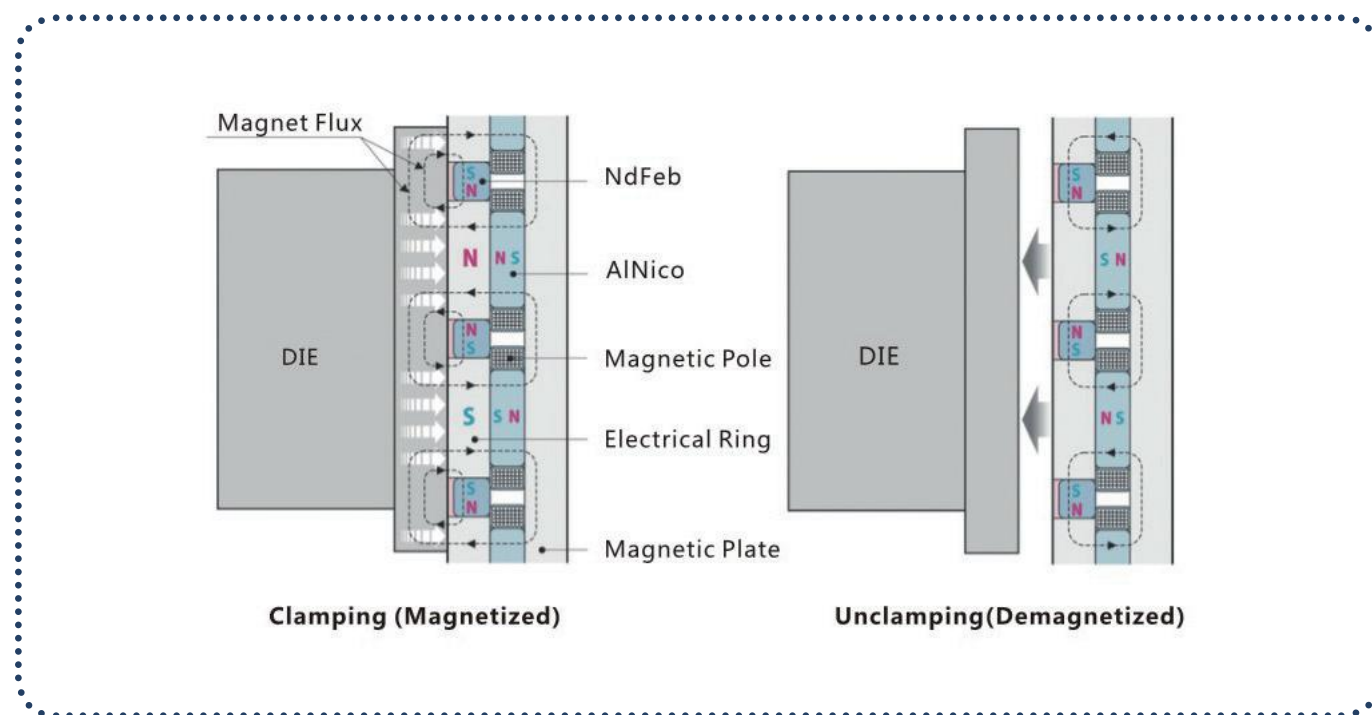
SXKH 印度
SXKH India

Application

注塑机

Injection Molding Machine

Máquina de moldes por inyección



01

停电会掉模吗？

Will the mold drop after power failure?

不会。磁力模板使用的是电控永磁技术，最大的一个特点就是断电不断磁。电能只在改变磁力模板的工作状态时的几秒钟（1s-5s）内使用，而维持其工作状态并不需要电能，磁力是由内部永久磁铁（钕铁硼、铝镍钴）产生。实际上，在磁力模板吸住模具后就会自动断电，仅有传感器在运行，但磁力将一直保持下去。

No. The magnetic table is made with the electronically controlled permanent magnet technology whose biggest feature is that the magnetic table is continuously magnetized after power failure and electric energy is only used within a few seconds (1s-5s) when the working state of the magnetic table is changed, but not required to maintain its working state, and the magnetic force is generated by internal permanent magnets: (NdFeB magnet and Alnico magnet) In fact, the power will be cut off automatically after the magnetic table holds the mold, only the sensor working, but the magnetic force will be maintained all the time.

02

大型的模具能吸住吗？

Can large molds be held?

可以，而且很轻松。磁力模板本质是将若干稀土永磁体的磁力线聚集在一定尺寸的磁极上使其通磁密度增大，随着磁通密度增大磁力成平方比关系增加。在实际应用中，大型注塑机磁板设计的有更多的磁极，单边磁力模板就能吸住整副模具的重量，故而大型模具（如30-50吨）也能轻松吸住。

Yes, and they can be easily held. The essence of the magnetic table is to gather the magnetic line of force of a number of rare earth permanent magnets on the magnetic poles of a certain size to increase the flux density. As the magnetic flux density increases, the magnetic force increases in a square ratio. In practical applications, the magnetic table of a large injection molding machine is designed with more magnetic poles, and the unilateral magnetic table can hold the entire mold, so large molds (such as 30-50 tons) can also be easily held.

03

磁力能保持多久？

How long can the magnetic force last?

不用担心。磁力模板采用的是高性能永久磁铁钕铁硼——被称之为“磁王”，永久磁铁磁性的衰减是一个非常漫长的过程，以10年为单位只降低1%，在注塑机的使用寿命内，磁力模板可以一直使用，完全不用担心。

Never mind. The magnetic table is made of the high-performance NdFeB permanent magnet, known as the “magnetic king”. The magnetic attenuation of the permanent magnet is a very long process, which is only reduced by 1% in 10 years. Within the service life of the injection molding machine, the magnetic table can be used all the time without worries.

05

有热流道的模具背板温度较高会不会影响磁力？

Will the high temperature of the back plate of the mold with hot runner affect the magnetic force?

我司标准磁力模板使用温度是120°C，可以定制更高耐温等级的磁力模板（150°C-200°C）。

The service temperature of our standard magnetic table is 120°C, and a higher temperature-resistant magnetic table (150°C-200°C) can be customized.

04

需要改造注塑机？

Is it necessary to transform the injection molding machine?

不需要。使用磁力模板大部分情况是后期加装，只需要螺丝将磁板固定在注塑机上即可，不需要改造注塑机，但磁板中间位置需要在注塑机上打孔以固定磁板。

No. The magnetic table is mostly installed in the later stage, that is, screws are needed to fix the magnetic plate on the injection molding machine without the need to transform the injection molding machine. But the middle position of the magnetic plate needs to be perforated on the injection molding machine to fix the magnetic table.

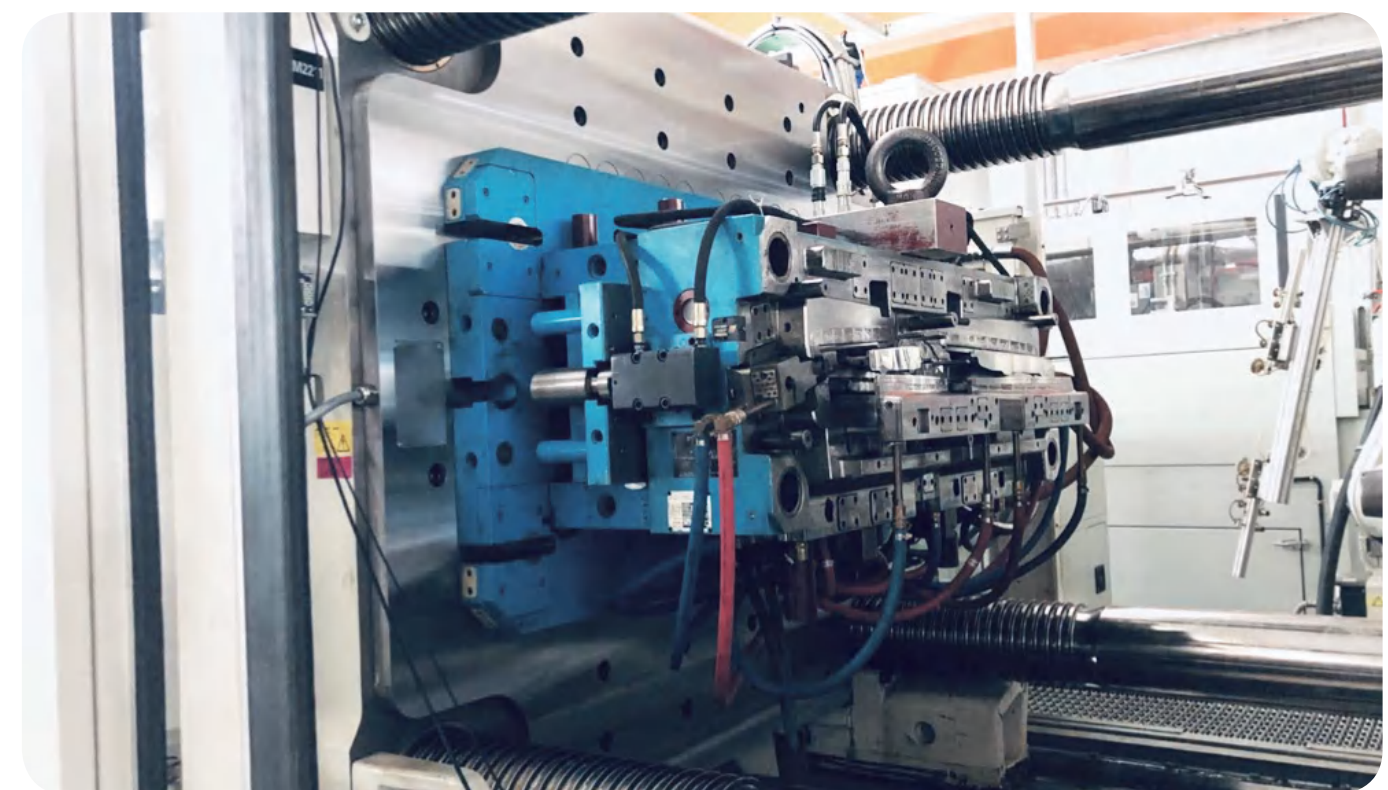
06

磁力模板磁力对人体是否有危害？

Is the magnetic force of magnetic table harmful to human body?

没有危害。磁板的磁力线只在25mm范围内运行，且磁通量是恒定不变的，并不是变化的磁场，因而并不产生辐射危害，但配有心脏起搏器的人员禁止靠近。

No. The magnetic line of force of the magnetic plate only operates within 25mm, and the magnetic flux is constant, so there is no radiation hazard, but personnel equipped with cardiac pacemaker are prohibited from approaching.

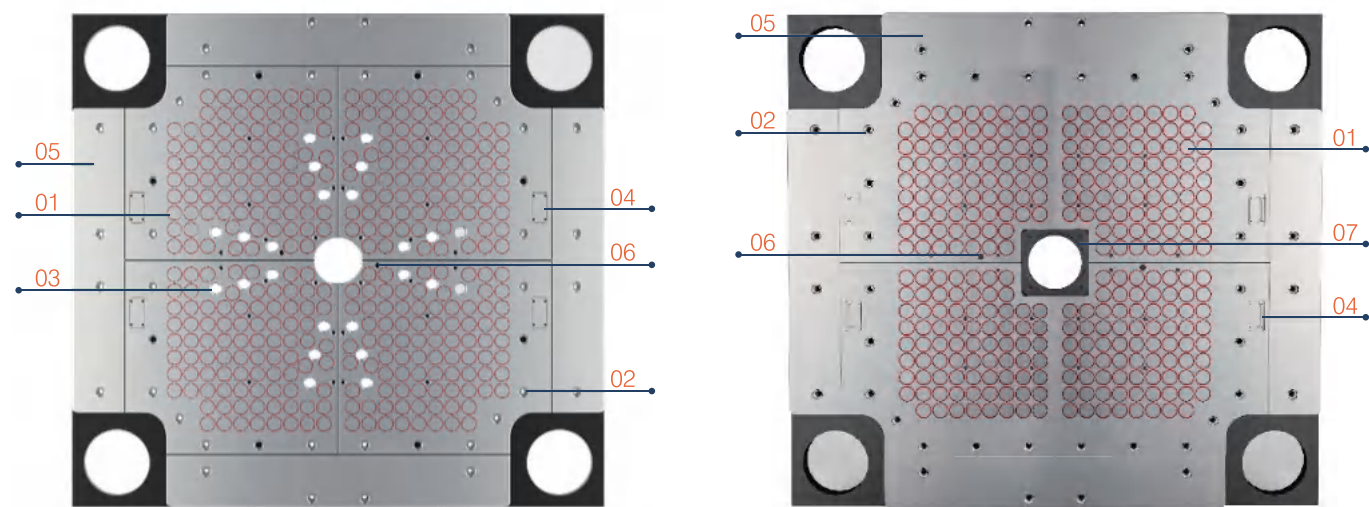


Application

注塑机

Injection Molding Machine

Máquina de moldes por inyección



01 磁极：采用双磁极，圆形磁极技术，平均单个吸力 660kgf，磁通密度更高。

Magnetic pole: double magnetic pole and circular magnetic pole technology are adopted, with an average 660kgf magnetic force per pole with higher magnetic flux density.

Polo magnético: adopta doble polos magnéticos y la tecnología de polo magnético circular, con una succión simple medio de 660kgf y una densidad de flujo magnético más alta.

02 固定螺栓。
Fixing bolt.

Perno de fijación.

03 顶出孔：符合 EUROMAP/SPI/JIS 标准。
Ejector hole: Meet EUROMAP/SPI/JIS standards.

Orificio de expulsión: cumple con la norma de EUROMAP/SPI/JIS.

04 内置接线盒：PID 算法控制系统，充退磁电流精准控制，确保磁力饱和。

Built-in junction box: PID algorithm control system, precise control of magnetization and demagnetization current to ensure magnetic saturation.

Tiene una caja de conexión incorporada, un sistema de control de algoritmo PID permite un control preciso de la corriente de magnetización y desmagnetización y un aseguramiento de una saturación magnética.

05 辅助板：方便为换模台车预留孔位。

Auxiliary plate: it is convenient to reserve holes for the mold change trolley.

Placa auxiliar: la carretilla tiene una posición de agujero reservada para facilitar el cambio de moldes.

06 0.2mm 感应接近开关：集成温度传感器，1000 次 / 秒的信号采集速率，信号互通，准确感知，配有 EuroMap70.0/70.1 接口，与注塑机磁力模板智能通讯。

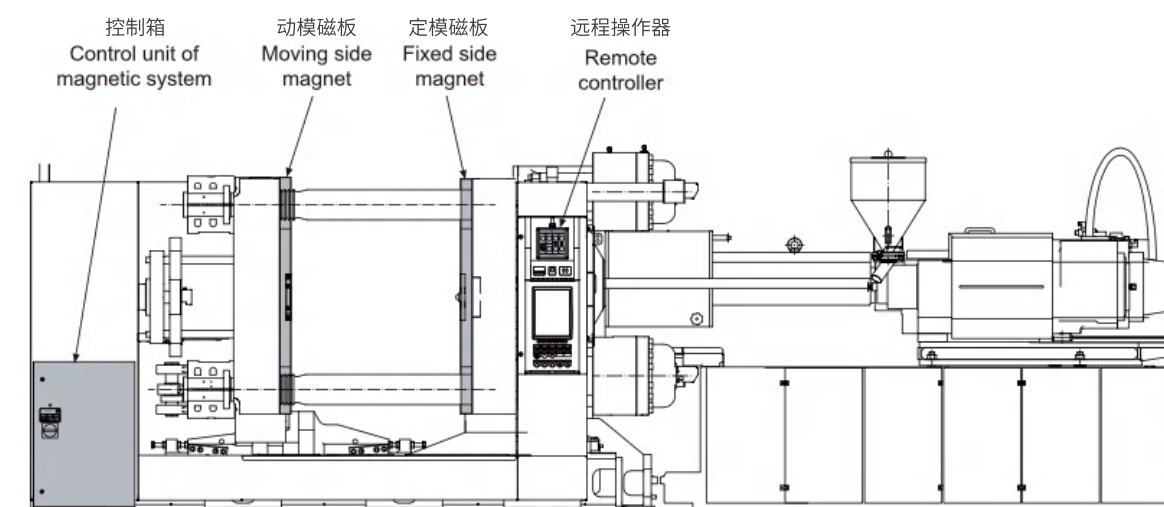
0.2mm inductive proximity switch: integrated temperature sensor, 1,000 times/s signal acquisition rate, signal interworking, accurate sensing, equipped with EuroMap70.0/70.1 interface communicating intelligently with the magnetic table of the injection molding machine.

Interruptor de proximidad inductivo de 0,2 mm, sensor de temperatura integrado, la tasa de adquisición de señal es 1000 veces/segundos, las señales se intercomunican y se puede percibir con precisión. Está equipado con la interfaz EuroMap70.0/70.1, comunicación inteligente con la plantilla magnética de la máquina de moldeo por inyección.

07 定位环：便于模具定位安装。

Locating ring: it is convenient for mold positioning and installation.

Anillo de posicionamiento: para facilitar la colocación e instalación de moldes.



Application - IMM



Application

回转工作台
Precision Index Rotary Table
Mesa giratoria de precisión



T Slot Table



EP. Magnetic Table

规格标准 / Specification / Especificaciones y estándares

型号 Model	单位 Unit	PIT-450	PIT-600	PIT-800	PIT-1000	PIT-1200	PIT-1500
工作台 Table Size	(mm)	450x450	600x600	800x800	1000x1000	1200x1200	1500x1500
总高 Heigh	(mm)	170	205	265	265	265	340
主轴孔 Spindle Hole	(mm)	Ø 30	Ø 40	Ø 58	Ø 58	Ø 80	Ø 80
T 型槽宽度 T-Slot(mm)	(mm)	18	18	22	22	22	22
驱动 Driving	上下 Longitudinal	气压供给 / Pneu.Pressure 5~8kg.cm2					
	回转 Revolving	手动 / Manual					
允许承载重量 Max. Load Weight	(KG)	2000	3000	4000	5000	10000	12000
回转方向 Way of Revolving	正反转皆可 Positive or Negative Rotation						
最小分隔度 No. of Division	(°)	1° Or 5°					
重量 Weight	(KG)	220	420	900	1200	3000	4000

电永磁工作台面 注：以下尺寸为电永磁台面特有 / Electricity Permanent Magnetic Table Type

型号 Model	单位 Unit	PIT-450C	PIT-600C	PIT-800C	PIT-1000C	PIT-1200C	PIT-1500C
磁体吸力 Magnetic Clamping Force	(KG)	5000	8000	10000	12000	14000	16000
磁力线深 Flux Penetration	(mm)	15	15	15	15	15	15
磁极尺寸 Size of Pole	(mm)	52×52	52×52	70×70	70×70	70×70	70×70

01

可适用于镗床、铣床、深孔钻床、加工中心等机床。
Suitable for machine tools like Boring machine, Milling Machine, Deep Hole Drilling Machine, CNC Machine .

Adecuado para mandriladora, fresadora, taladradora de agujero profundo, centro de mecanizado etc.

02

磁性工作台可实现快速更换工件功能（选配 Optional）。
Magnetic table can realize quick die change function (Optional).

Función de cambio rápido de piezas con el banco de trabajo magnético (opcional).

03

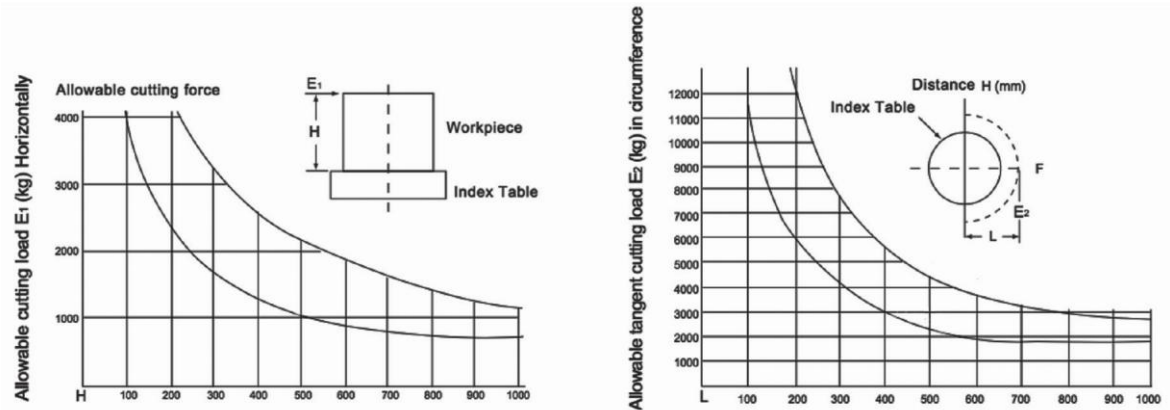
strong气压锁紧系统，可耐重切削。
Powerful clamping system design allows heavy cutting and boring .

Abyan barométrica sistema cerrado hermético, pueden retornar pesado.

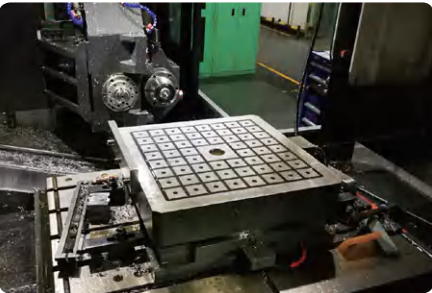
04

采用二联齿式联结器，最小分隔度 1° 或 5° ，分割精度 ±0.3 秒。
Adopt 2 pieces coupling for locating, index precision at ±0.3second with 1° or 5° Number of division.

Adopta un acoplamiento de engranaje de dos piezas, con una separación mínima de 1° o 5° y una precisión de división de ± 0,3 segundos.

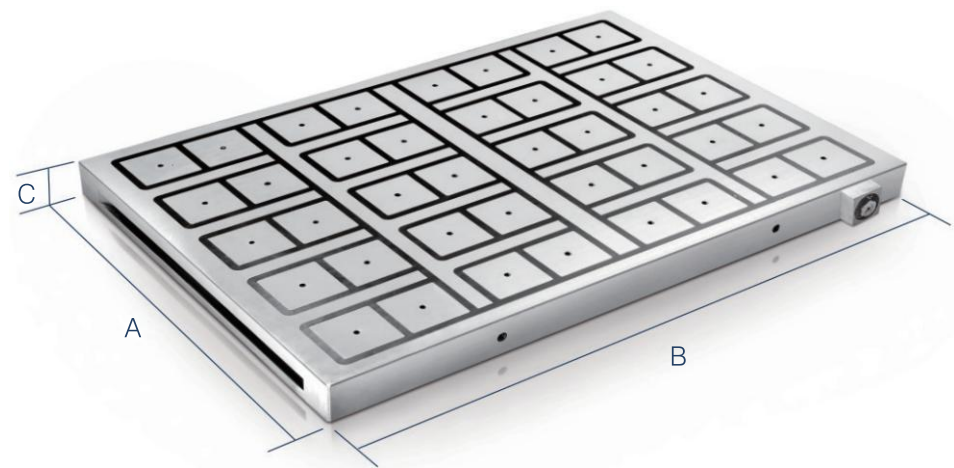


Application Case



Application

CNC 加工中心磁盘
CNC-Magnetic Chuck
Mesas magnéticas para CNC



■ 标准尺寸 / Standard Dimension

型号 Model	尺寸 Dimension(mm)					磁穿透力 Flux penetration (mm)	单个磁极磁力 Magnetic Force
	A	B	C	E (D)	Pcs		
CNC404	350	350	75	52×52	1	15	3.5KN/P
CNC406	400	600	75	70×70	1	20	6KN/P
CNC505	450	450	75	70×70	1	20	6KN/P
CNC510	500	1000	75	70×70	1	20	6KN/P
CNC608	600	800	75	70×70	1	20	6KN/P
CNC610	600	1000	75	70×70	1	20	6KN/P
CNC812	800	1200	75	70×70	1	20	6KN/P
CNC1014	1000	1400	75	70×70	1	20	6KN/P
CNC1016	1000	1600	75	70×70	1	20	6KN/P
CNC1218	1200	1800	75	70×70	1	20	6KN/P

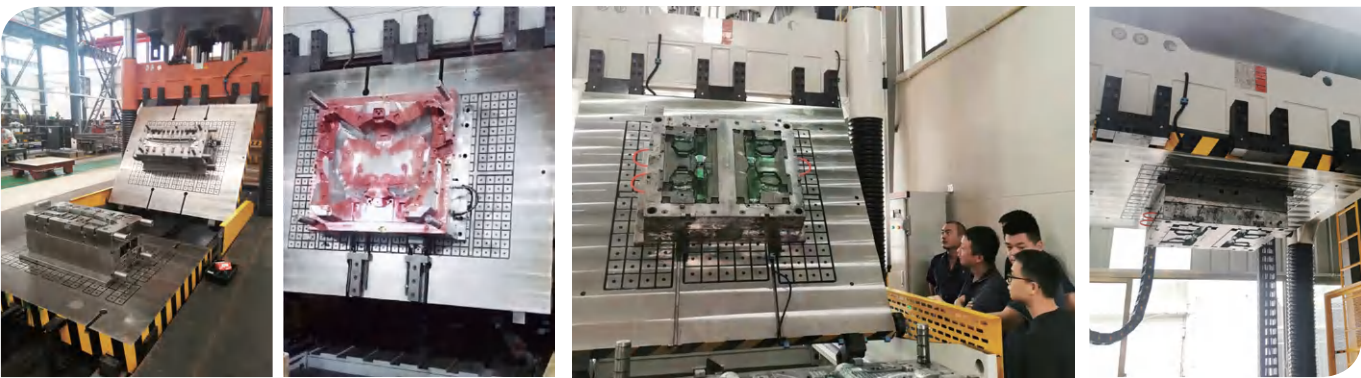
* 可根据客户要求定制工作台面大小 * Can be customized.

Application Case



Application

液压机
Hydraulic Press
Prensa hidráulica



01 操作简单，省时高效：磁盘通过控制器实现 2-3 秒快速充退磁。
Easy operation and time saving: Magnetization and Demagnetization can be finised within 2-3 second.

Fácil operación y ahorro de energía: La magnetización y desmagnetización se realiza durante 2 a 3 segundos.

02 安全节能：仅在充退磁的 2-3 秒内需要通电，停电依旧不掉磁，很好地保护工件及操作人员的安全。
Safety and energy-saving: Electricity only needed during 2-3 second magnetizing and demagnetizing process. Magnetic force will remain after power drop which give workpieces and staff well protection.

Seguridad y ahorro de energía: Solo se necesita la electricidad durante el proceso de magnetización y desmagnetización de 2 a 3 segundos. La fuerza magnética permanecerá después de la caída de energía, lo que ofrece protección a las piezas de trabajo y al personal.



Application

快速换模 – 液压夹模器的组成

Component Of Hydraulic Clamp

Componente de clamps hidráulicos



气动液压泵站组合

Power Unit

Unidad De Poder



欧姆龙 PLC

OMRON PLC

OMRON PLC



操作箱

Controller

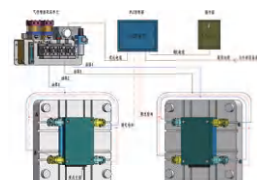
Controlador



液压夹具

Hydraulic Clamps

Clamps Hidráulicos



成套系统

Q.D.C System

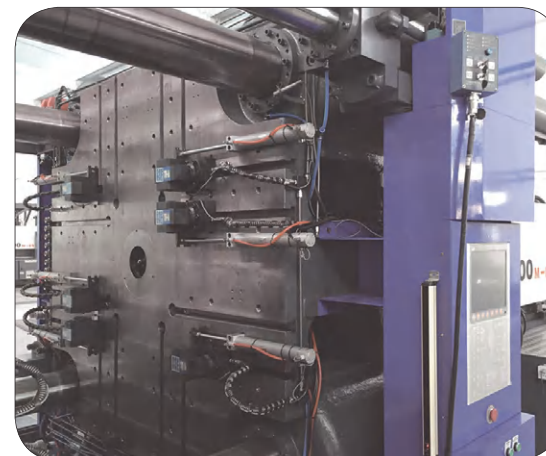
Q.D.C Sistema

Q.D.C System

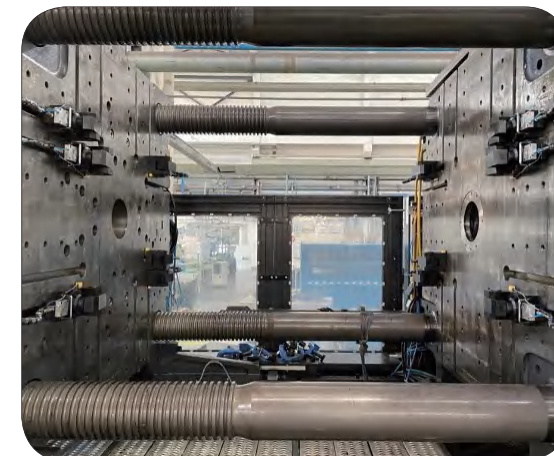
优势 Advantage

- 减少换模时间
- 解决多品种少数量的生产
- 减少库存
- 提高产品的质量
- 降低劳动成本及强度
- 减少工伤事故
- Reduce Die Change Time
- Solve multispecies and less quantities Production issue
- Improve the quality of Product
- Reduce the labor cost and strength
- Reduce the human risk
- Reduce el tiempo de cambio de troquel
- Esto resuelve problemas de producción de múltiples especies y menos cantidades.
- Mejorar la calidad del Producto.
- Reduce el costo de mano de obra y la fuerza de trabajo
- Reduce el riesgo humano

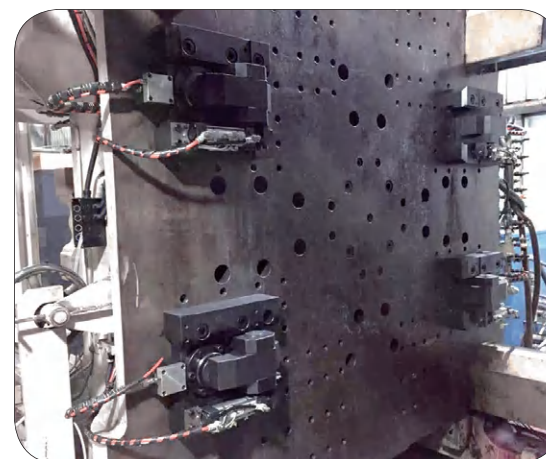
Application



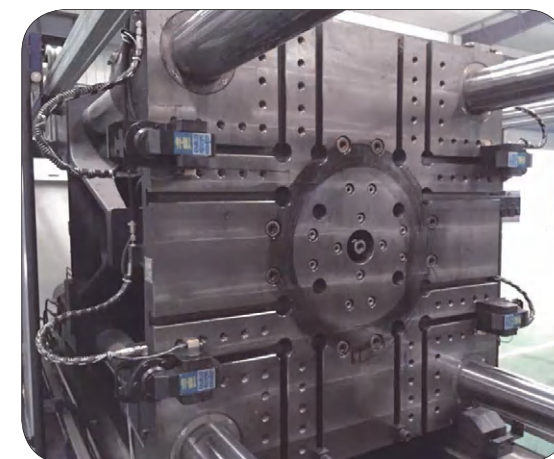
IMM-1050T with YM-16A type



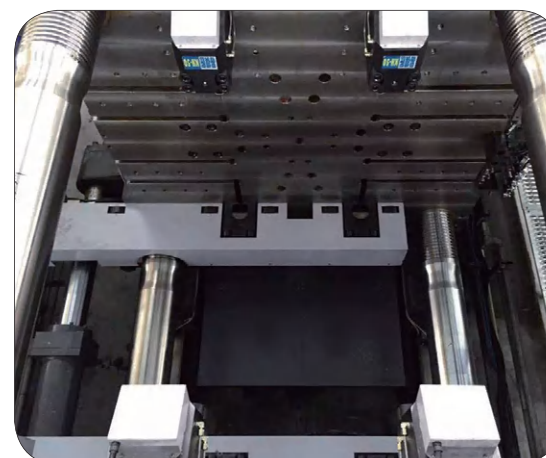
IMM-1300T with YM-16AL



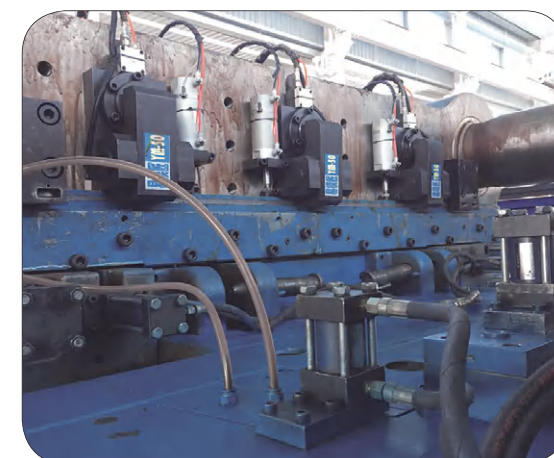
IMM-1300T with YT-16AL



IMM-1000T with YM-16



IMM-2800T with KH-50 self lock



IMM-3300T with YM-50 self lock

Application

夹模器的型号
Clamp's Type
Tipo de clamps



YM Type



YT Type



KH Type



YK Type

夹模器的选配 / Optional Funtion/ Función Opcional

符号 Symbol	名称 Name	图片 Picture	功能使用说明 Function Instructions
P	接近开关 Proximity Switch		具有夹具到位感应功能，夹具知检功能。 Equipped with fixture in place sensing function and fixture inspection function.
A	夹具推拉气缸 Clamp Push Pull Cylinder		SMC 自动推拉气缸更大程度的提高自动化，降低劳动强度。 SMC automatic push-pull cylinder greatly improves automation and reduces labor intensity.
L	自锁阀 专利号：ZL 2014 20266594.6 Self-locking Valve Patent No.: ZL 2014 20266594.6		自锁阀能确保所有夹模器油管漏油的情况下，依然保持夹紧力。 The self-locking valve can ensure that the clamping force is still maintained in the event of oil leakage in all clamping oil pipes.

注塑机台的能力与夹模器的关系

The relationship between Capacity of IMM and Hydraulic Clamps

La relación entre la capacidad de la IMM y los clams hidráulicos.

IMM (T)	定模侧 Fixed Side	Qty	动模侧 Moving Side	Qty	泵站组合 Power Unit	H 模具底板建议 H Back platen Thickness (mm)
60-120	YM2	4	YM2	4	B1-4	25
160-250	YM4	4	YM4	4	B1-4	30
280-380	YM6	4	YM6	4	B1-4	30
470-530	YM10	4	YM10	4	B1-4	40
600	YM10	6	YM10	6	B1-4	40
700-900	YM16	4	YM16	4	B1-4	50
1000-1300	YM16	6	YM16	6	B1-4	50
1400	YM25	4	YM25	4	B1-4	60
1600-1850	YM25	6	YM25	6	B2-4	60
2100-2800	YM25	8	YM25	8	B2-4	60
2100-2800	YM35	6	YM35	6	B2-4	60
3000-3500	YM35	8	YM35	8	B2-4	60
3600-4000	YM40	8	YM40	8	B2-4	60
3300	YM50	6	YM50	6	B2-4	60
4000-5000	YM50	8	YM50	8	B2-4	60

* 注：请于工厂确认夹模器选型是否合理

*Note: Please confirm at the factory whether the selection of the clamping device is reasonable

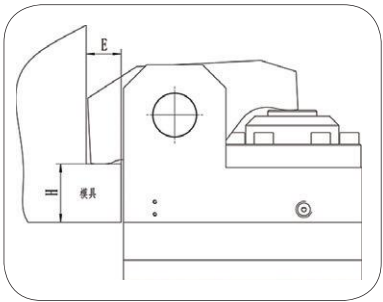
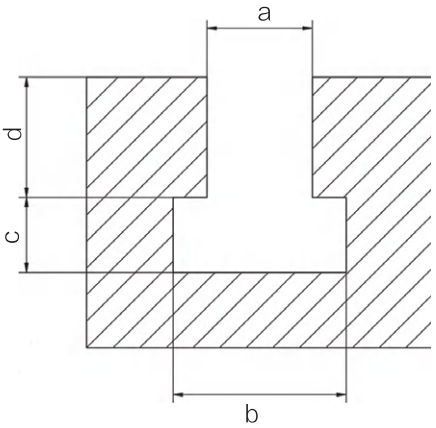
Application

选择指南
Selection Guide
Selección de guía

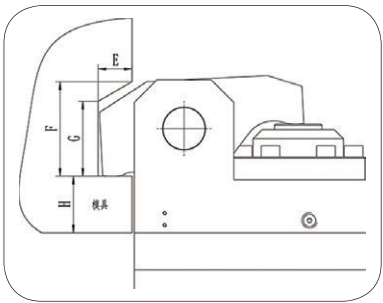
确认注塑机 T 型槽尺寸是否与选配夹模器吻合。

Check if injection machine Tslot size matches the clampers or not.

Compruebe si el tamaño de la ranura T de la máquina de inyección coincide con los clamps o no.



工字模标准型
I Shape mold standard type
Forma tipo T estándar



压板凹入型
Clamp invagination type
Clamp tipo invaginación

夹模行程与模具底板尺寸的关系。

The relationship between clamping stroke and the back platen size

La relación entre la carrera de sujeción y el tamaño de la placa posterior

规格 Type		YM-2	YM-4	YM-6	YM-10	YM-16	YM-25	YM-35	YM-40	YM-50
夹持力 Clamping Force (KN)		20	40	60	100	160	250	350	400	500
全行程 Full Stroke (MM) X		8	8	10	10	11	10	10	10	10
夹模行程 Clamping Stroke (MM) Y		3	3	3	3	3	3	3	3	3
预留安全行程 Safety Stroke (MM) S		5	5	7	7	8	7	7	7	7
重量 Weight (KG)		2.5	5	9	14	23	36	46	59	74
H 模具底板建议 H Back platen Thickness (MM)		25	30	30	40	50	50	60	60	60
H 允许底板厚度变化范围 H The Range Of Back Platen Size (MM)		23~26	28~31	27~31	37~41	46~51	47~51	55~61	55~61	57~61
注塑机 T 型槽尺寸 IMM T Slot Size	A (MM)	18	22	22	28	28	36	36	48	48
	B (MM)	30 ⁺²	36 ⁺²	36 ⁺²	46 ⁺²	46 ⁺²	60 ⁺²	60 ⁺²	80 ⁺²	80 ⁺²
	C (MM)	14 ⁺¹	16 ⁺¹	16 ⁺¹	20 ⁺²	20 ⁺²	25 ⁺²	25 ⁺²	36 ⁺²	36 ⁺²
	D (MM)	19±0.2	25±0.2	25±0.2	32±0.2	32±0.2	41±0.2	41±0.2	48±0.2	48±0.2

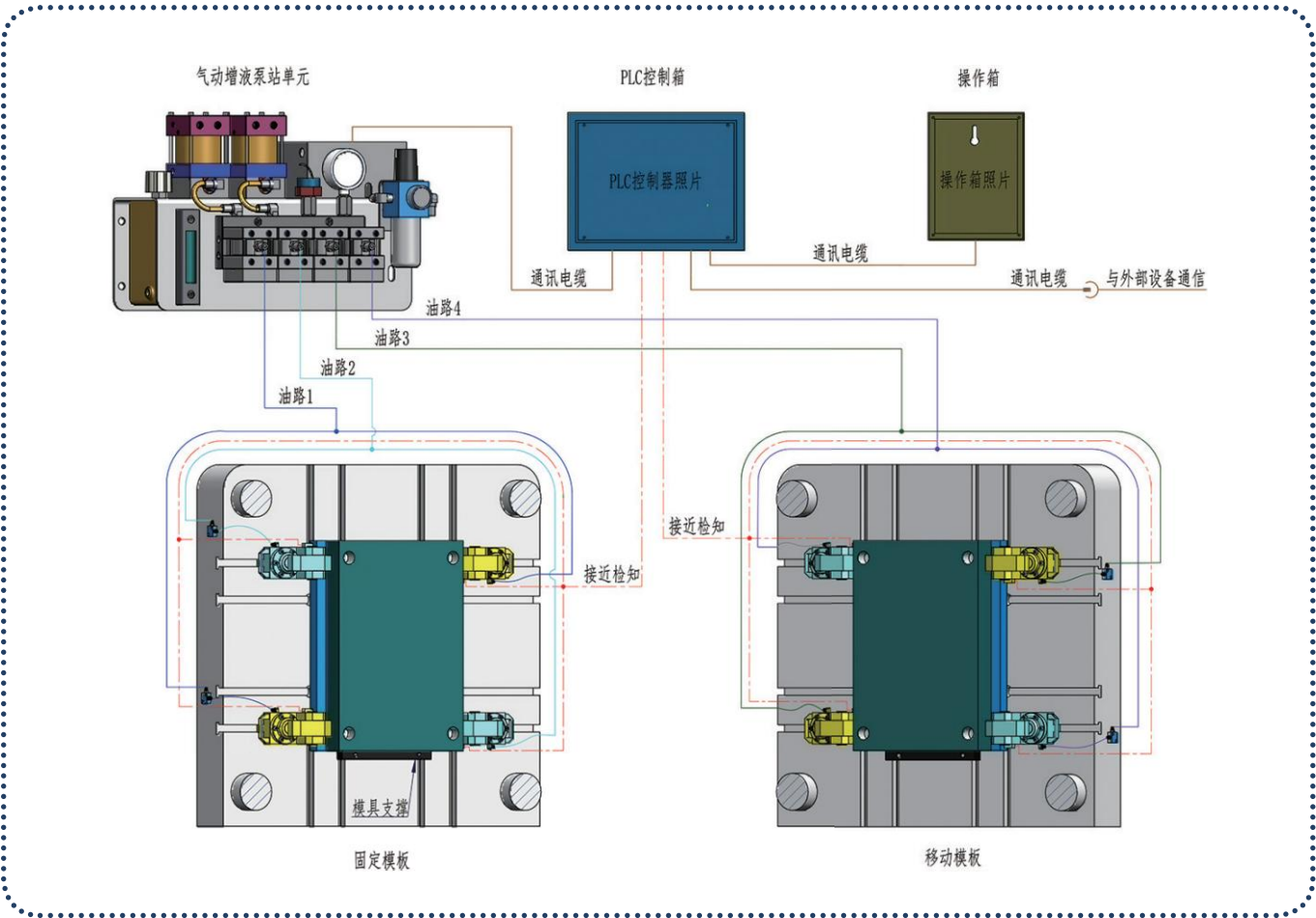
* 注：尺寸“允许底板厚度变化范围”随着“标准模具底板厚度”的尺寸增加或减少相应的变化值
*Note: "The range of back platen size" will be changed with the "size of back platen change"

Application

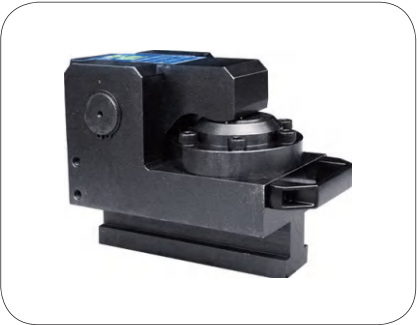
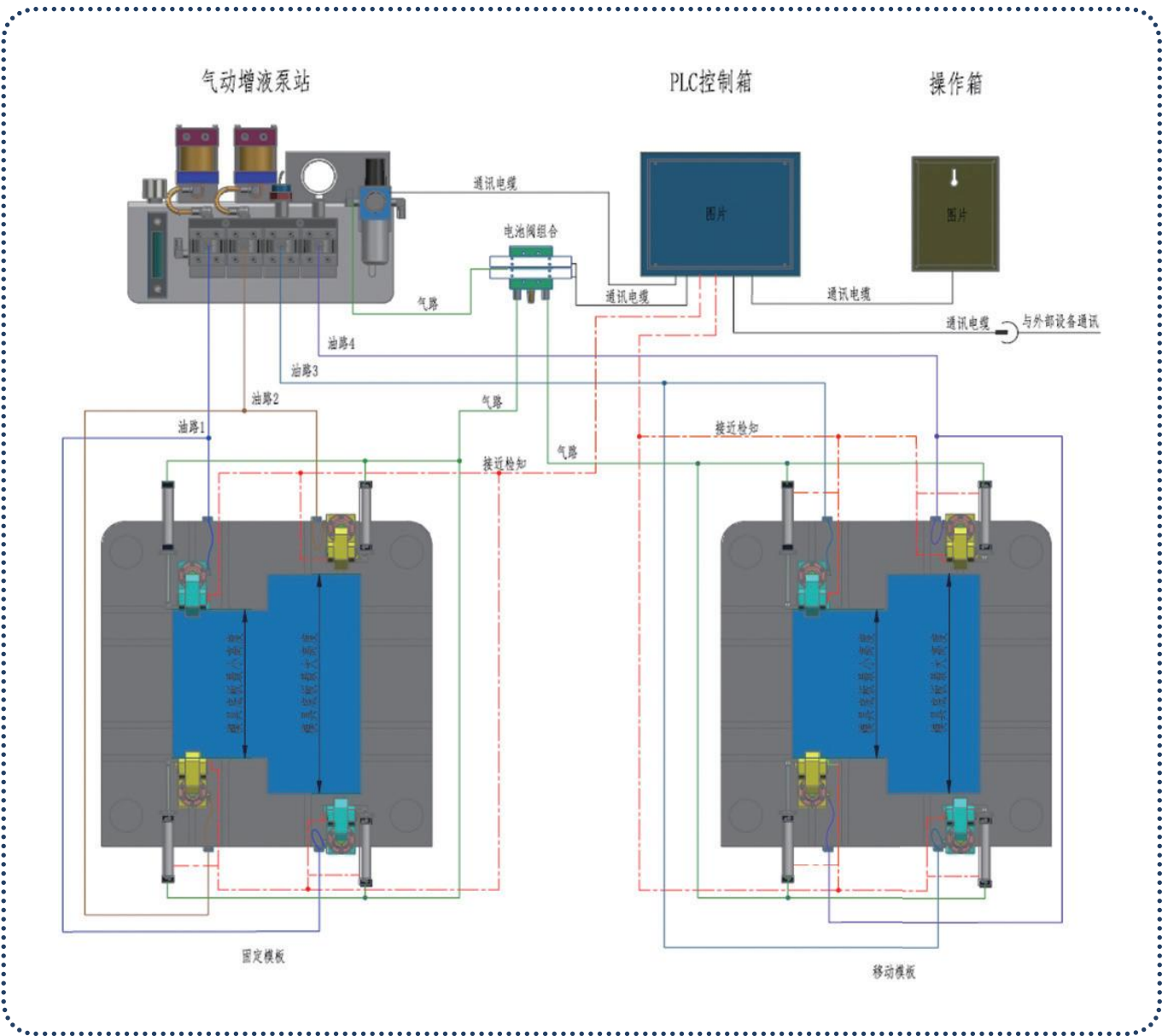
YM 系列夹模器
YM Type Calmps

Clamps tipo YM

■ 夹具左右夹持 / Horizontal loading / Carga Horizontal



■ 夹具上下夹持 / Vertical Loading / Carga Vertical



YM 标准型
YM Standard
YM Estandar



YM-L 自锁式
YM-L Self lock
YM-L Autobloqueo



YM-P 接近开关型
YM-P Sensor Type
YM-P Tipo De Sensor Estandar



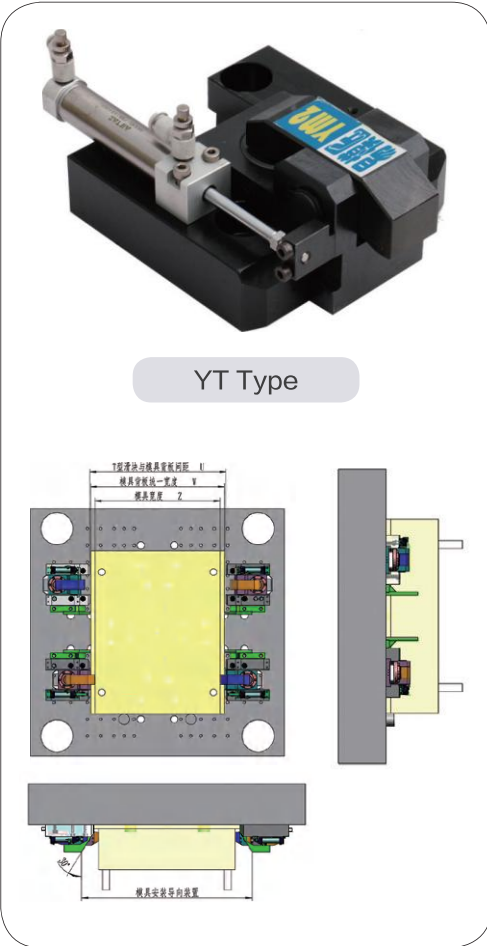
YM-A 气缸移动式
YM-A Air Cylinder Type
YM-A Tipo De Cilindro De Aire



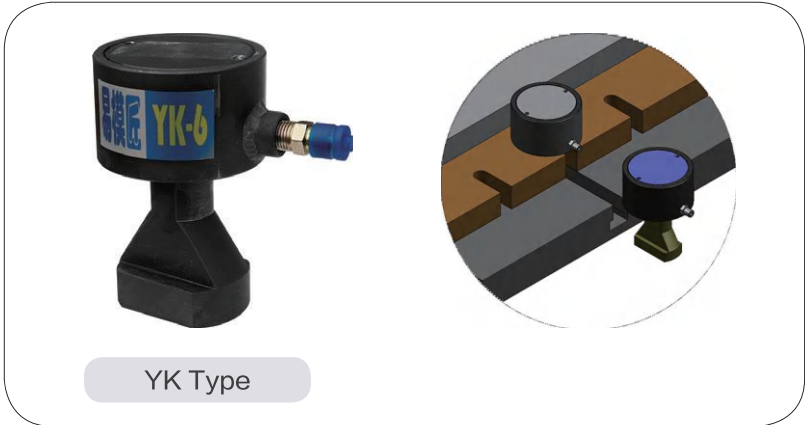
YM-AL 气缸移动自锁式
YM-AL Air Cylinder with slef lock
YM-AL Cilindro De Aire Con Bloqueo Deslizante

Application

YT & YK 系列
YT & YK Types
Tipo YT & YK



YT Type



YK Type

规格 type	YK2	YK4	YK6	YK10	YK16	YK25
夹持力 Clamps Force (25MP)	20	40	60	100	160	250
全行程 Full stroke (mm)	8	8	8	8	8	8
夹模行程 Clamping Stroke (mm)	4	3	3	3	3	3
预留安全行程 Safety Stroke (mm)	4	5	5	5	5	5
全行程油缸容积 Capacity of yllinder (cm³)	6.5	15	22	33	55	55
重量 Weight (kg)	2	3	5	7	8	15

■ 气动液压泵站组合单元 / Power Unit / Unidad De Potencia



规格 type	B1-4	B2-4
适用机械 Application	50T-1400T IMM	≥ 1600T IMM
压力 Oil Pressure (MPa)	25	25
驱动空气压力 Air Pressure (MP)	0.5	0.5
空载流量 Load Flow (L/Mi)	2.8	4.2
油箱容积 Oil tank Capacity (L)	7.5	

Application

KH 系列 – 机械自锁式夹模器
KH type Machenical Self lock type
Tipo KH mecánico con autobloqueo



型号	夹紧力 (KN) 1	保持力 (KN)	行程余量 (mm) S	最高温度	重量 (KG)
KH4	40	8	1mm	70°	9
KH6	60	24.7		70°	15.5
KH10	100	39.2	1.5mm	70°	30
KH16	160	62.8		70°	38
KH25	250	98		70°	67
KH50	500	156		70°	160

■ OMRON PLC



- 采用欧姆龙 PLC 控制系统。
Using Omron PLC Control System
- 机台或换模出现异常，夹具报警，注塑机自动停机。
If machine or die change is abnormal, then clamps start warning and IMM stop work automatically.
- PLC 与机台智能通信，具有多层安全互锁、防呆功能。
PLC communicate Intelligently with machine and multi-layer safety interlock to avoide operational errors.
- 集成式操作面板，操作简单。
Integrated operation panel, simple operation.
- 具有单侧换模，二次确认防呆功能。装有钥匙开关，防止人为操作失误。
Specific single side die change function, double confirmation to avoide operational errors. Equipped with key switch to prevent the artificial operational errors.
- LED 指示灯显示整个系统的运行状态。
LED indicating light display the state of whole system.

Application

CMG 多功能模具清洗机
CMG Muti-Function
Cleaning Machine

Maquina multifuncional de limpieza de moldes CMG

清洗功能 / Cleaning Function / Función De Limpieza

- 一键式操作

– 气蚀水蚀清洗

– 脉冲爆破清洗

– 正反双方向清洗

– 化学药剂
- One-click operation

- Cavitation cleaning

- Pulsed blasting cleaning

- Positive and negative direction cleaning

- Chemical agent cleaning
- Operación de un solo clic

- Limpieza por efecto cavitación

- Limpieza con chorro pulsante

- Limpieza bidireccional positiva y negativa

- limpieza con químicos

检测功能 / Detection Function / Función De Detección

- 渗漏检查

– 水压检测

– 气压检测

– 流量检测
- leak detection

- Hydraulic pressure detection

- Air pressure detection

- Flow detection
- Inspección de fugas

- Detección de presión de agua

- Detección de presión del aire

- Detección de caudal

记录功能 / Logging Function / Función De Registro

- 200 组信息记录

– 数据下载与储存

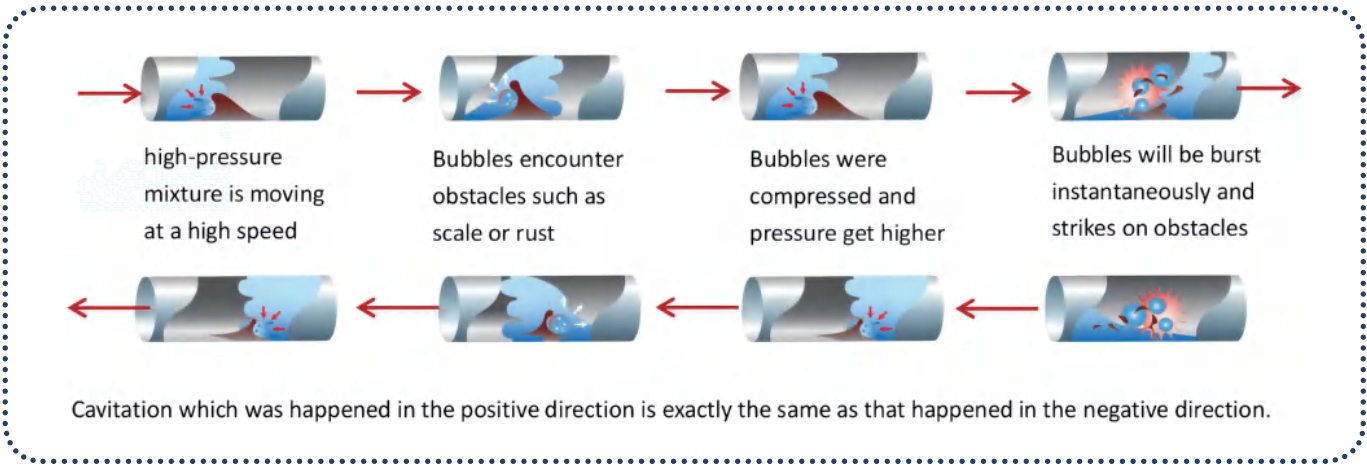
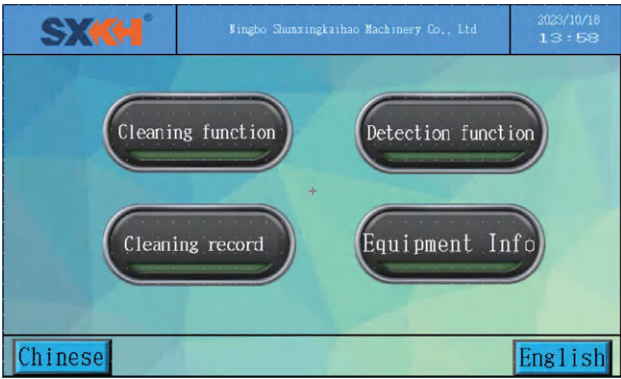
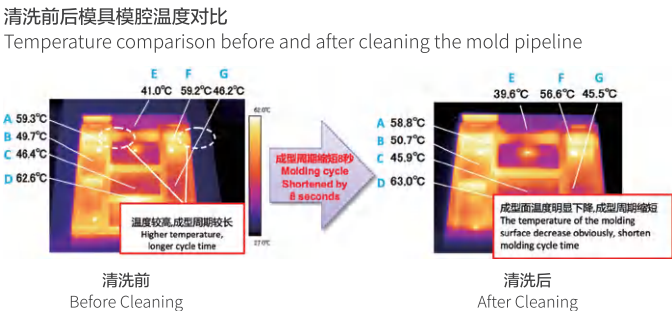
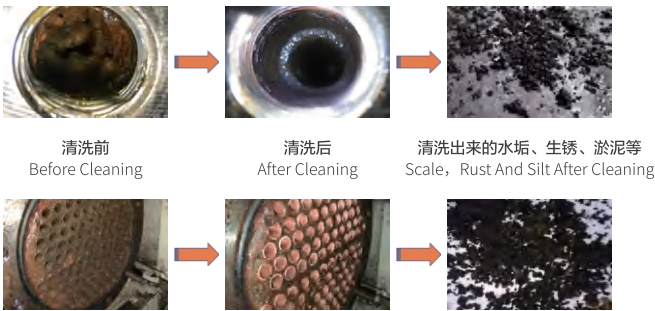
– 报警信息记录及解决方案
- 200 sets data record

- Data download and save

- Alarm information and Solutions
- 200 grupos de registros de información

- Descarga y almacenamiento de datos

- Registro de alarma y soluciones



规格标准 / Specification / Especificaciones y estándares

规格 Type	CMG-11	CMG-15	CMG-22	CMG-30	CMG-55
清洗媒介 Cleaning media	清水或清洗剂 Water or cleaning agents				
操作控制 Operational method	7 寸 PLC 触摸屏 7"PLC touch screen				
水箱容积 Water tank capacity	40L	100L/50L+50L	100L/50L+50L	120L/60L+60L	150L
水箱数量 Water tank quantity	单水箱 One	单水箱或双水箱 One or two	单水箱或双水箱 One or two	单水箱或双水箱 One or two	单水箱 One
配管接头 Input & output specification	3/8"*4	3/8"*8	3/8"*8+1"*2	1/2"*8+1.5"*2	1/2"*8+2"*2
水泵功率 Machine power	1.1KW	1.5KW	2.2KW	3.0KW	5.5KW
供电电源 Power supply	AC220V1P+N+E/AC380V 3P+N+E				
外形尺寸 Machine dimension	1000*500*800mm	1000*500*800mm	1400*500*1200mm	1600*600*1200mm	非标待定 Customized
设备重量 Machine weight	180KG	300KG	320KG	350KG	
水箱自动加热 Water tank automatic heating	NO	选配 Optional	选配 Optional	选配 Optional	选配 Optional
10 寸触摸屏 10" touch screen	NO	选配 Optional	选配 Optional	选配 Optional	选配 Optional
1000 组清洗记录 1000 sets cleaning record	选配 Optional	选配 Optional	选配 Optional	选配 Optional	选配 Optional
SUS304 结构 SUS304 structure	YES	YES	YES	YES	YES
SUS316 结构 SUS316 structure	选配 Optional	选配 Optional	选配 Optional	选配 Optional	选配



