KAI MING

KS 系列

伺服两板直压注塑机

KS Series – Servo Two–Platen Direct Clamping Injection Molding Machine

550T–3000T

2026A版

广东佳明机器有限公司

Guangdong Kaiming Engineering Co.,LTD

企业公众号　企业官网　Official Website

广东佳明机器有限公司

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国家高新技术企业　ISO 9001:2000　采用国际标准　节能型注塑机　环境认证

公司简介
COMPANY OVERVIEW

广东佳明机器有限公司是国内专业生产注塑机的大型企业之一，公司在佛山市三水区拥有三个现代化园林式的工厂，厂房占地面积达六十万平方米。

佳明公司在三水工厂建设有单件铸件生产能力达50T、月产量达3000T的精密球铁铸造厂。配置数百台套以日本MITSUBISHI加工中心为主体的大型机件加工车间，(可以加工重达50T，长宽达25米的单件机件)以及起吊能力达100T的重型注塑机安装车间。

现佳明公司生产的系列注塑机，锁模力从25T到4000T，注射量从20g到50000g，年生产能力达10000台。

佳明公司是一家高新技术企业，专注于注塑机研究、设计、开发、生产。集生产、销售于一体，为客户提供售前、售中、售后的全方位优质高效服务。

佳明公司于2000年通过ISO9001质量认证；2001年通过国家注塑机质量体系认证，2004年通过国家AAA质量诚信体系认证，多年来一直被国家质协授予“全国注塑机质量过硬放心品牌企业”；2005年通过CE认证，2008年获得“广东省名牌产品”称号；获得国家高新技术企业；获得广东省著名商标等。

国家高新技术企业　ISO 9001:2000　采用国际标准　环境认证

佳明二厂 KAIMING PLANT 2

佳明一厂 KAIMING PLANT 1

佳明三厂 KAIMING PLANT 3

Guangdong Kaiming Engineering Co.,ltd. is one of China's premier large-scale IMM manufacturers, operating three modern production facilities covering 600,000 square meters in Foshan. We are committed to providing integrated, high-quality solutions from R&D through comprehensive after-sales support.

KAIMING BY THE NUMBERS

Integrated Supply Chain: Features an in-house Precision Nodular Iron Foundry (50T single casting capacity) and Japanese MITSUBISHI CNC machining centers for core component precision.

Scale: Annual production capacity of 10,000 IMM units.

Range: Comprehensive IMM portfolio from 25T up to 4000T clamping force, covering injection volumes up to 50,000g.

Quality & Compliance: Fully certified ISO 9001 and CE Compliant (since 2005), recognized as a National High-Tech Enterprise.

Commitment: Dedicated to providing comprehensive pre-sales, support, and after-sales service globally.

车间总览
Manufacturing Capabilities Overview

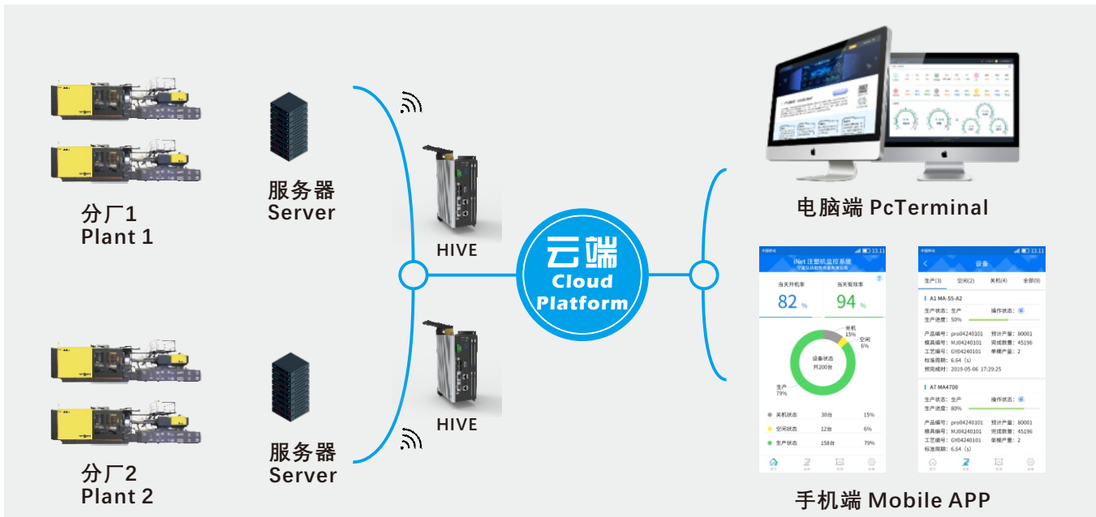
生产流水线
Integrated Production Lines

装配车间
General Assembly Workshop

大型注塑机装配车间
Heavy-Duty IMM Assembly Workshop

佳明智峰3代智能管理云（可选配）
KAIMING ZHIFENG III SMART MANAGEMENT CLOUD (OPTIONAL)

轻量版系统结构
Lite Edition System Architecture



搭载服务器，整合注塑机控制系统、机械手及相关辅助设备，提供一站式服务，实现车间设备联网数字化、信息化。
The ZhiFeng III Cloud is a comprehensive IIoT solution for digitalizing your IMM workshop, providing a one-stop service by integrating the controller, robotics, and auxiliaries.

◆系统对下承接车间设备的数据采集，上与ERP/MES互通。打通信息、实现生产闭环。
◆本地化部署、实现方便、即插即用。
◆提供及时监控。工艺管理、生产管理、质量管理、统计分析、权限管理等模块。

手机端应用:

◆面向注塑企业进行部署的智峰3智能管理系统平台，将工厂设备信息集中到手机APP上，帮助众多的注塑工厂快速实现全厂设备上云，设备状态透明化。
◆智峰3云系统平台手机端APP，方便企业主、管理人员随时随地、全天灵活掌控工厂生产状态。

SYSTEM INTEGRATION & ACCESS

1. Enables data acquisition from the shop floor and communication with ERP/MES systems, creating a complete production closed loop.
2. Supports localized deployment (plug-and-play). Access via Server, Cloud, PC, and Mobile APP for 24/7 monitoring.

CORE FUNCTIONALITY

1. Modules Include: Real-time Monitoring, Production Management, Process Management, Quality Management, Statistical Analysis, and Authority Control.
2. Mobile Benefit: Allows management personnel to monitor factory status anytime, anywhere.

标准版（适合中大型公司）
1、有线连接，传输更稳定
2、本地部署、数据更完整安全
3、标准功能+定制开发

STANDARD EDITION (Medium/Large):
Wired Connection (stability)
Local Server Deployment(Data Security)
Full Features + Custom Development.

轻量版（适合小微企业）
1、无线连接，部署更简单
2、云端部署、现场、免维护
3、入门级功能，操作简单

LITE EDITION (Small/Micro):
Wireless Connection (Simple Setup);
Cloud Deployment (Maintenance-Free)
Entry-Level Functions.

数据接口
以OPC UA格式提供设备数据
（适合有需要连接智能化生产软件的企业）

Data Interface:
Provides equipment data in OPC UA format.

专用机型

因应客户要求
佳明提供各系列细分行业专用机型和特殊要求定制专用机

- KX伺服注塑机
- KK高速精密伺服注塑机
- KSS/SSM多物料注塑机
- KDK/KDH油电复合高速机
- KD全电高速注塑机
- 电木机
- PVC专用机
- PET瓶胚专用机
- BMC专用注塑机
- PPR/PE管件专用机

BMC专用注塑机

标配预加料桶及推料油缸:可先将原料加到预加料桶中，当压料桶中料用完后，压料活塞自动上升，推料油缸推动滑板平移，将预加料桶内的原料送到压料桶中。整个过程全自动行进，简化机器操作，提升效率。

桶装水盖专用双色机

油路系统及机械结构经过特别优化，配合特殊的动作程序，专门用于生产双物料桶装水盖，生产效率得到极大提高。例如在280吨机器上配置出1出24腔桶装水盖双色模具，生产周期可达12秒/模，有效提高生产效率。

涂料桶专用注塑机

专用快速下料高塑化螺杆，搭配高速液压马达或高速电预塑马达，加快储料速度；加大液压伺服系统，提高生产效率；开合模比例阀控制，提升开模速度，定位精度高，轻松应对模内贴标工艺。

Application-Specific Solutions

APPLICATION-SPECIFIC SOLUTIONS

KAIMING offers a full range of IMM tailored for diverse industries and special applications

TECHNOLOGY SERIES	DEDICATED APPLICATIONS
1.KX Series-Precision Servo IMM	1.Thermoset (Bakelite) IMM
2.KK High-Speed Precision Servo IMM	2.PVC Dedicated IMM
3.KSS/SSM Multi-Component IMM	3.PET Preform Dedicated IMM
4.KDK/KDH Hybrid High-Speed IMM	4.BMC Dedicated IMM
5.KD All-Electric High-Speed IMM	5.PPR/PE Pipe Fitting Dedicated IMM

DEDICATED APPLICATION HIGHLIGHTS

BMC Dedicated IMM

Automatic Feeding System: Integrated pre-loading hopper and push-cylinder design enable fully automated, continuous material transfer.
Efficiency & Reliability: Simplifies BMC processing and ensures stable, uninterrupted production cycles.

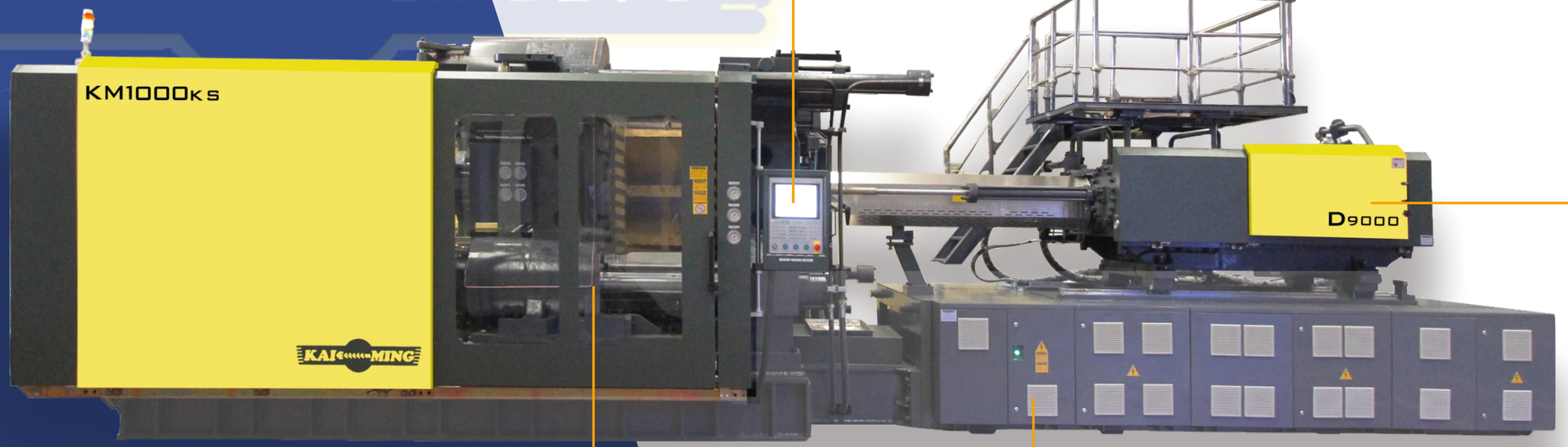
Chemical Pail Dedicated IMM

Rapid Plasticization: High-speed screw and pre-plasticizing unit shorten melt preparation time and boost overall throughput.
IML Compatibility: Enlarged servo-hydraulic system with proportional-valve mold control ensures fast, precise movement and seamless in-mold labeling operation.

5-Gallon Bottle Cap Dual-Color Dedicated IMM

Precision Dynamics: Optimized hydraulic and mechanical design for dual-material bottle-cap molding.
High Productivity: Achieves industry-leading efficiency and stable performance in high-cavity dual-color applications.

KS系列
伺服两板直压注塑机
KS SERIES
Servo Two-Platen Direct Clamping IMM



锁模部分
Clamping Unit

- 模板采用方型设计，外形美观，强度大，精度高，变形小，适合要求精度更高的产品
- 动模板移动采用双滑轨形式，动作反应快，运行平稳

- Square platen design for high rigidity, precision, and minimal deformation.
- Dual-slide guiding on moving platen for fast and stable operation.

控制系统
Control System

- 采用新一代电脑，运算更快，控制精准，操作简单
- 整个机器各动作均处于受控状态，保证机器安全运行

- New-generation high-performance controller for precise, responsive, and safe operation.

注射部分
Injection Unit

- 采用双线性导轨设计，精度高，响应速度快

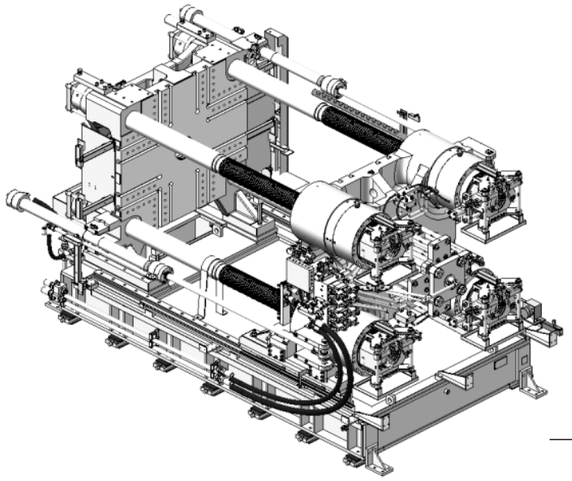
- Features Dual Linear Guide for superior precision and fast response.

动力系统
Hydraulic & Power System

- 佳明三代伺服驱动系统，大驱动电机、大流量泵、阀以及全新优化的油路，响应快，运行平稳
- 全机管路采用非焊接工艺，安全不易漏油

- 3rd-gen servo drive with large motor, high-flow pump/valve set.
- Optimized hydraulic circuit for quick response and smooth motion.
- Non-welded piping enhances safety and prevents oil leakage.

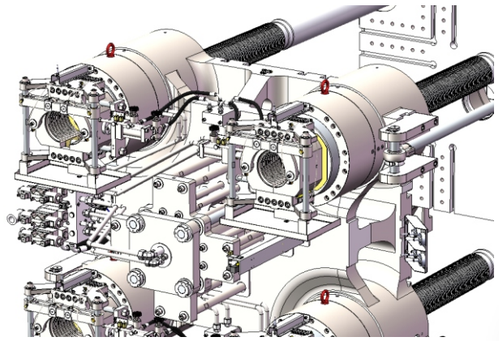
锁模单元 Clamping Unit



动板高压结构
High-Pressure Moving-Platen Design

高压锁模油缸设置于移动模板上，起高压时拉杆位置固定，拉杆不与密封件接触，无漏油隐患。

Cylinders mounted on the moving platen ensure leak-free, reliable operation.



快速高压技术
Rapid High-Pressure Technology

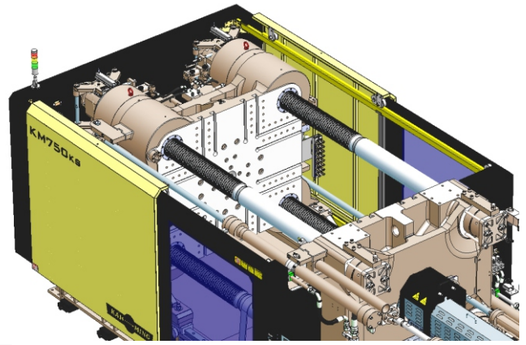
独立控制的四组高压油缸，抱合前即移动到合适位置，抱合后只需补充少量油液，即可快速建立高压锁模力。

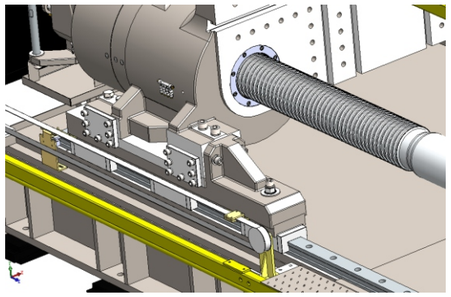
Four independent high-pressure cylinders enable faster clamping force build-up.

无接触拉杆
Non-Contact Tie-Bar Design

移动模板与拉杆无接触，无需润滑，模具区域更清洁。

Friction-free movement keeps the mold area clean and maintenance-free.



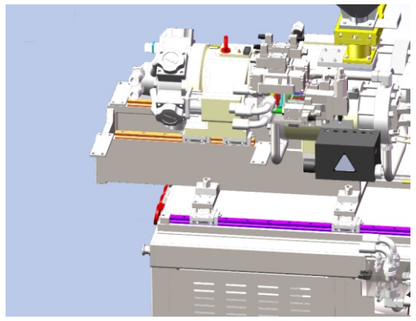


动模板脚线轨结构
Linear-Guided Moving Plate

移动模板采用线性导轨，摩擦阻力低，运行平稳，更精准。超长移动模板滑脚，能适应更重模具。

Linear guide system ensures smooth, precise motion for heavy molds.

注射单元 INJECTION UNIT



射移、射胶双线轨结构
Dual Horizontal Cylinder Structure

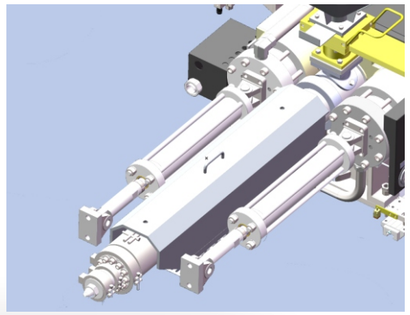
全系列标配射移、射胶双层线轨结构，刚性好，运行平稳，阻力低，注射加速更快，有效提升注射精度。

Ensures balanced nozzle force and reliable, leak-free sealing.

射台双整移油缸结构
Dual Linear Guide for Injection/Shifting

在料筒两侧平行放置整移油缸，喷嘴受力均衡，密封性好，有效避免喷嘴因偏心受力而发生漏胶。

Provides smooth, precise motion and higher injection accuracy.



电预塑（选配）
Electric Pre-Plasticizing System (Optional)

全系列可选配电预塑系统，较液压马达更节能，塑化效果更好更稳定，更容易实现开模储料同步功能，大幅缩短成型周期。

Offers higher energy efficiency, stable melt quality, and shorter cycle time.

高效塑化组件
High-Performance Plasticizing Components

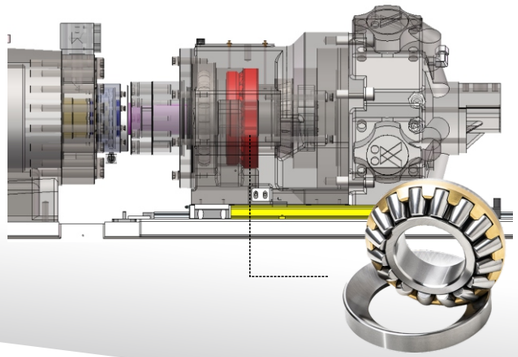
提供丰富类型的塑化组件供选择，可定制各种复杂工艺要求及应用要求的专用塑化组件。

Available for diverse materials and complex molding requirements.

高负载注射推力轴承
High-Load Thrust Bearing

注射螺杆主推力轴承采用推力调心滚子轴承，结构紧凑、承载能力强、长寿命。

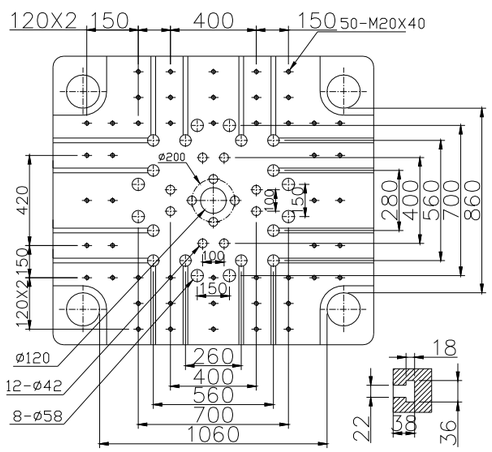
Delivers strong load capacity, stability, and long service life.



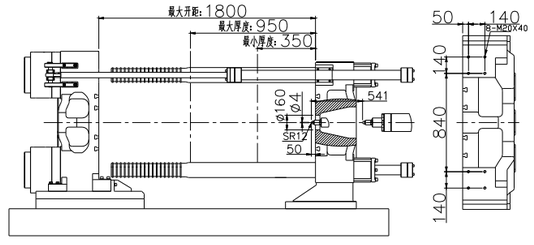
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM550KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	80	85	90
螺杆长径比	Screw L/D ratio	L/D	22.3	21	19.8
射胶重量(ps)	Shot weight(ps)	g	2377	2684	3009
		OZ	84	94.8	106
射胶容量	Shot volume (theoretial)	cm^3	2612	2949	3306
射胶压力	Injection pressure	kg/cm^3	2014	1784	1591
射胶行程	Nozzle stroke	mm		520	
最高射出率	Injection rate	cm^3/sec	528	596	668
螺杆转速	Screw speed	r.p.m		0-160	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		1060*860	
锁模力	Clamping force	ton		550	
容模厚度	Combined thickness of mould	mm		350-950	
开模行程	Mould opens	mm		850-1450	
顶针行程	Ejector stroke	mm		320	
顶针数量	Ejector number	pcs		21	
顶出力	Ejector force	ton		19.5	
模板最大间距	Maximum Platen Distance	mm		1800	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		160/210	
电机功率	Motor HP	kw		55+47.1	
电热功率	Heating power	kw		35.8	
重量（约）	Weihht,approx	ton		25	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		8.4*2.7*2.2	
油箱容积	Oiltank Cubage	L		910	

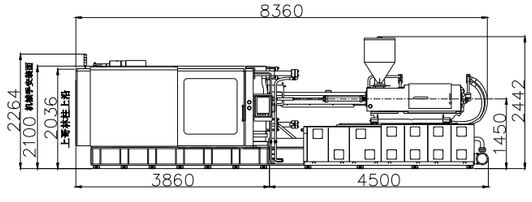
本公司保留修改技术参数的权利，恕不另行通知

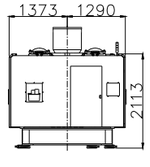


模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram



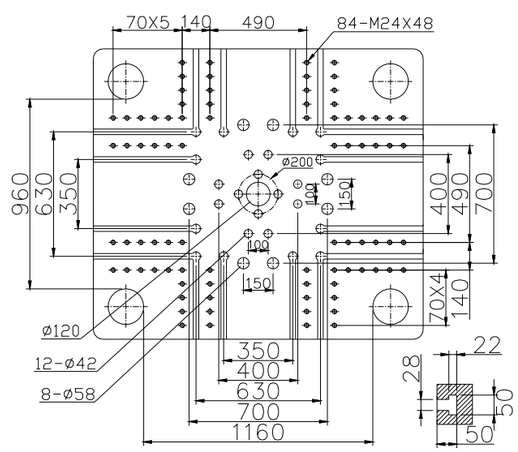


外形及安装基础尺寸
Outline and Foundation Dimensions

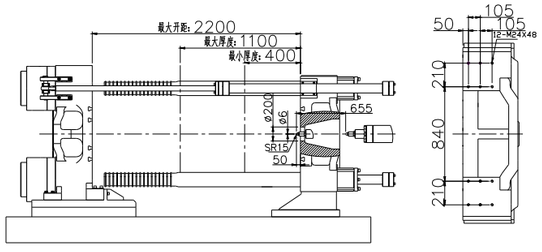
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM750KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	90	95	100
螺杆长径比	Screw L/D ratio	L/D	22.5	20	19.5
射胶重量(ps)	Shot weight(ps)	g	2720	3030	3360
		OZ	96.1	107.1	118.7
射胶容量	Shot volume (theoretial)	cm^3	2990	3330	3690
射胶压力	Injection pressure	kg/cm^3	1899	1704	1538
射胶行程	Nozzle stroke	mm		470	
最高射出率	Injection rate	cm^3/sec	702	782	866
螺杆转速	Screw speed	r.p.m		0-165	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		1160*960	
锁模力	Clamping force	ton		750	
容模厚度	Combined thickness of mould	mm		400-1100	
开模行程	Mould opens	mm		1100-1800	
顶针行程	Ejector stroke	mm		320	
顶针数量	Ejector number	pcs		21	
顶出力	Ejector force	ton		19.5	
模板最大间距	Maximum Platen Distance	mm		2200	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		160/210	
电机功率	Motor HP	kw		66+55	
电热功率	Heating power	kw		44.2	
重量（约）	Weihht,approx	ton		36	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		9.2*2.8*2.4	
油箱容积	Oiltank Cubage	L		980	

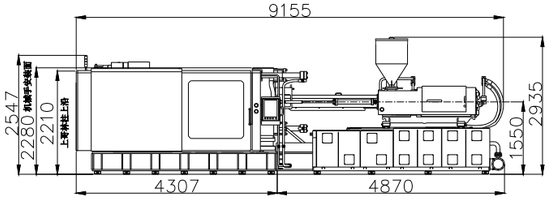
Note: We reserve the right to modify technical parameters without prior notice.

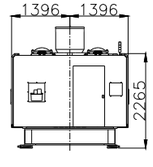


模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram



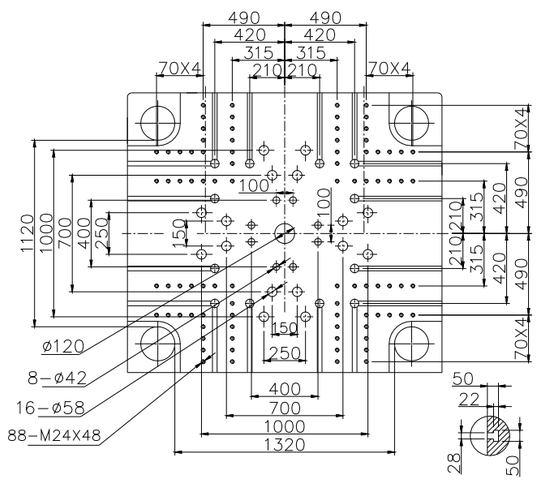


外形及安装基础尺寸
Outline and Foundation Dimensions

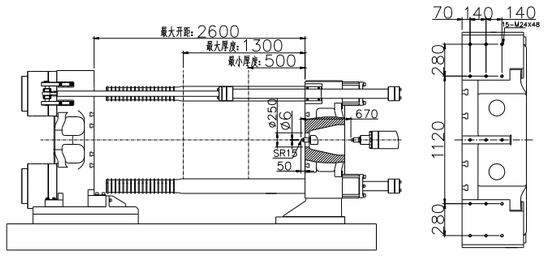
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM1000KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	100	110	125
螺杆长径比	Screw L/D ratio	L/D	22.2	20	19.2
射胶重量(ps)	Shot weight(ps)	g	3931	4756	6142
		OZ	139	168.1	217
射胶容量	Shot volume (theoretial)	cm^3	4320	5227	6750
射胶压力	Injection pressure	kg/cm^3	2112	1745	1352
射胶行程	Nozzle stroke	mm		550	
最高射出率	Injection rate	cm^3/sec	846	1024	1322
螺杆转速	Screw speed	r.p.m		0-120	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		1320*1120	
锁模力	Clamping force	ton		1000	
容模厚度	Combined thickness of mould	mm		500-1300	
开模行程	Mould opens	mm		1300-2100	
顶针行程	Ejector stroke	mm		360	
顶针数量	Ejector number	pcs		25	
顶出力	Ejector force	ton		23.6	
模板最大间距	Maximum Platen Distance	mm		2600	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		165/210	
电机功率	Motor HP	kw		55+55+55	
电热功率	Heating power	kw		58.2	
重量（约）	Weihht,approx	ton		47	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		10.5*3.2*2.8	
油箱容积	Oiltank Cubage	L		1240	

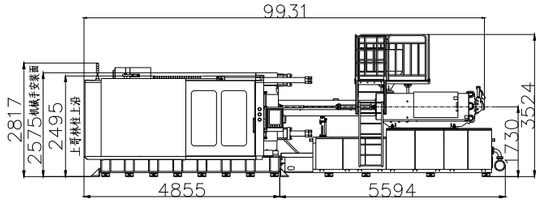
本公司保留修改技术参数的权利，恕不另行通知

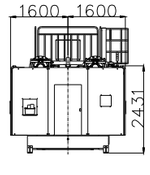


模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram



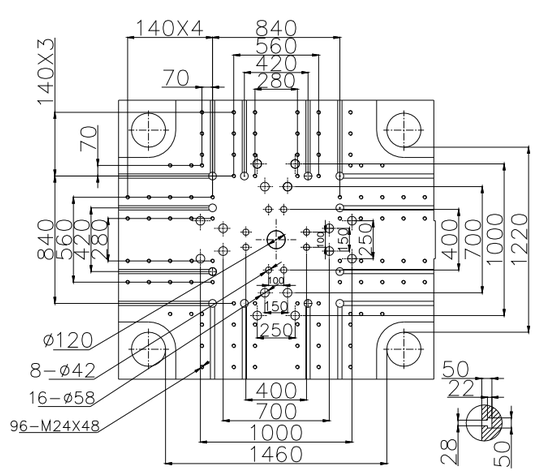


外形及安装基础尺寸
Outline and Foundation Dimensions

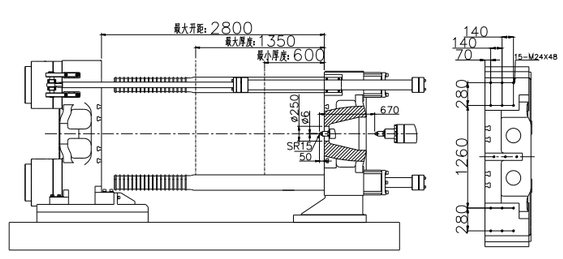
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM1200KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	100	110	125
螺杆长径比	Screw L/D ratio	L/D	22.2	20	19.2
射胶重量(ps)	Shot weight(ps)	g	3931	4756	6142
		OZ	139	168.1	217
射胶容量	Shot volume (theoretial)	cm^3	4320	5227	6750
射胶压力	Injection pressure	kg/cm^3	2112	1745	1352
射胶行程	Nozzle stroke	mm		550	
最高射出率	Injection rate	cm^3/sec	846	1024	1322
螺杆转速	Screw speed	r.p.m		0-120	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		1460*1220	
锁模力	Clamping force	ton		1200	
容模厚度	Combined thickness of mould	mm		600-1350	
开模行程	Mould opens	mm		1450-2200	
顶针行程	Ejector stroke	mm		360	
顶针数量	Ejector number	pcs		25	
顶出力	Ejector force	ton		23.6	
模板最大间距	Maximum Platen Distance	mm		2800	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		165/210	
电机功率	Motor HP	kw		55+55+55	
电热功率	Heating power	kw		58.2	
重量（约）	Weihht,approx	ton		56	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		11.3*3.8*3.3	
油箱容积	Oiltank Cubage	L		1240	

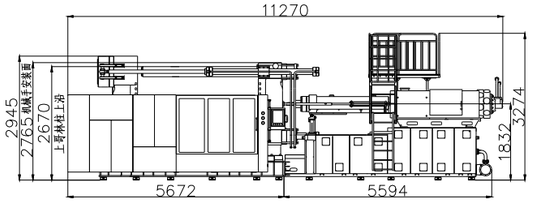
Note: We reserve the right to modify technical parameters without prior notice.

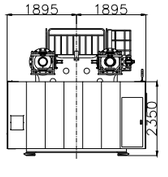


模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram



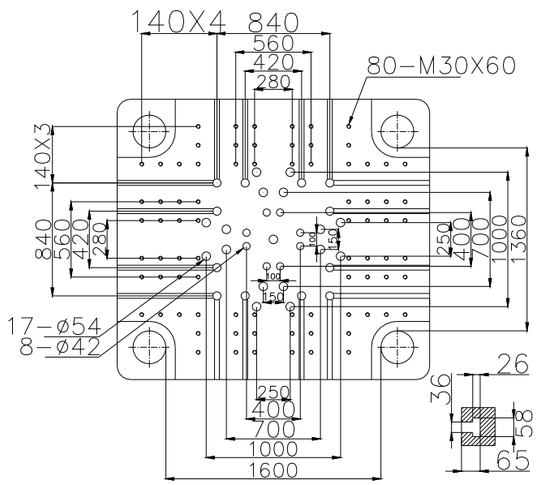


外形及安装基础尺寸
Outline and Foundation Dimensions

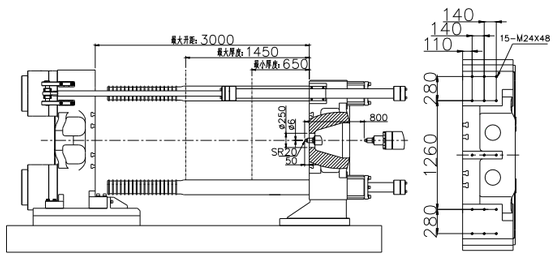
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM1400KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	110	125	140
螺杆长径比	Screw L/D ratio	L/D	25.4	22.4	20
射胶重量(ps)	Shot weight(ps)	g	5621	7259	9105
		OZ	199	257	322
射胶容量	Shot volume (theoretial)	cm^3	6177	7977	10006
射胶压力	Injection pressure	kg/cm^3	2093	1620	1292
射胶行程	Nozzle stroke	mm		650	
最高射出率	Injection rate	cm^3/sec	986	1273	1597
螺杆转速	Screw speed	r.p.m		0-98	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		1600*1360	
锁模力	Clamping force	ton		1400	
容模厚度	Combined thickness of mould	mm		650-1450	
开模行程	Mould opens	mm		1550-2350	
顶针行程	Ejector stroke	mm		400	
顶针数量	Ejector number	pcs		25	
顶出力	Ejector force	ton		39.2	
模板最大间距	Maximum Platen Distance	mm		3000	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		165/210	
电机功率	Motor HP	kw		55+55+66	
电热功率	Heating power	kw		82.2	
重量（约）	Weihht,approx	ton		77.5	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		12.7*4.1*4	
油箱容积	Oiltank Cubage	L		1600	

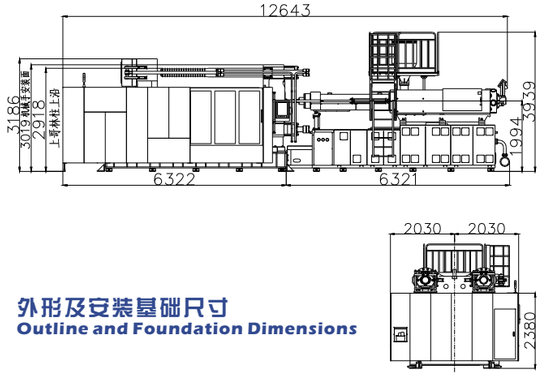
本公司保留修改技术参数的权利，恕不另行通知



模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram

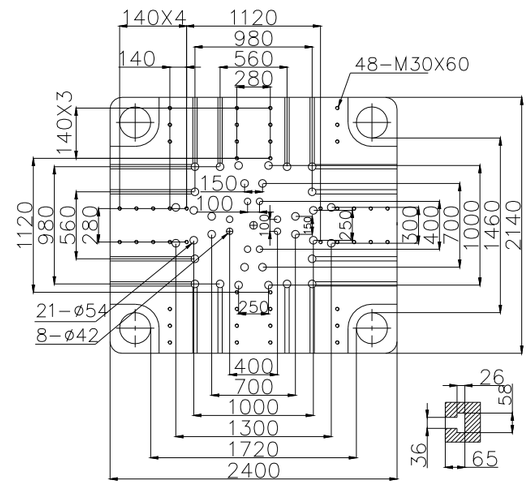


外形及安装基础尺寸
Outline and Foundation Dimensions

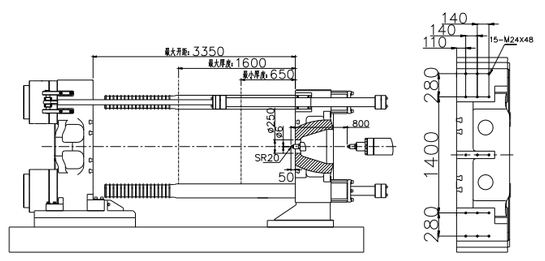
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM1600KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	125	140	150
螺杆长径比	Screw L/D ratio	L/D	22	21.4	20
射胶重量(ps)	Shot weight(ps)	g	8036	10000	11578
		OZ	283	355	407
射胶容量	Shot volume (theoretial)	cm^3	8820	11078	12723
射胶压力	Injection pressure	kg/cm^3	1906	1520	1324
射胶行程	Nozzle stroke	mm		720	
最高射出率	Injection rate	cm^3/sec	1258	1578	1812
螺杆转速	Screw speed	r.p.m		0-80	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		1720*1460	
锁模力	Clamping force	ton		1600	
容模厚度	Combined thickness of mould	mm		650-1600	
开模行程	Mould opens	mm		1750-2700	
顶针行程	Ejector stroke	mm		400	
顶针数量	Ejector number	pcs		29	
顶出力	Ejector force	ton		39.2	
模板最大间距	Maximum Platen Distance	mm		3350	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		160/210	
电机功率	Motor HP	kw		66+55+55+55	
电热功率	Heating power	kw		99.3	
重量（约）	Weihht,approx	ton		91	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		13.9*4.3*4.1	
油箱容积	Oiltank Cubage	L		1960	

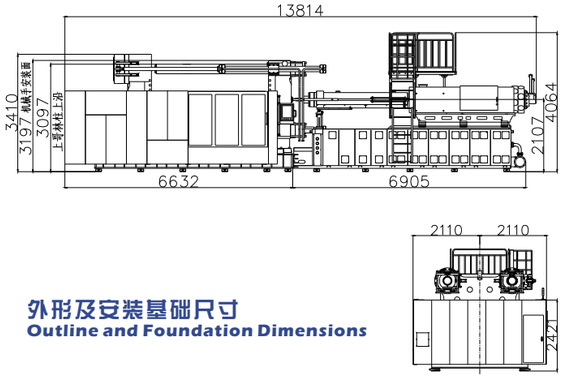
Note: We reserve the right to modify technical parameters without prior notice.



模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram

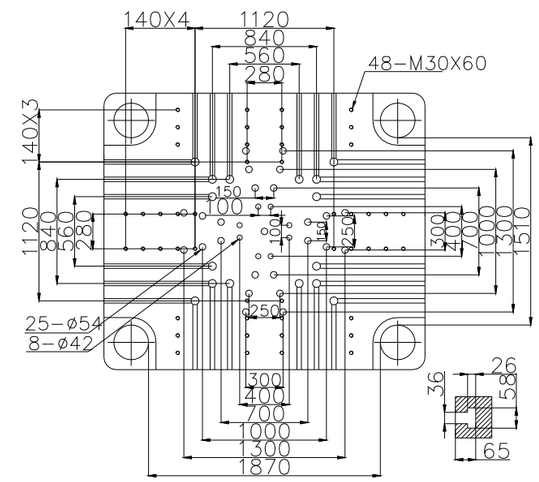


外形及安装基础尺寸
Outline and Foundation Dimensions

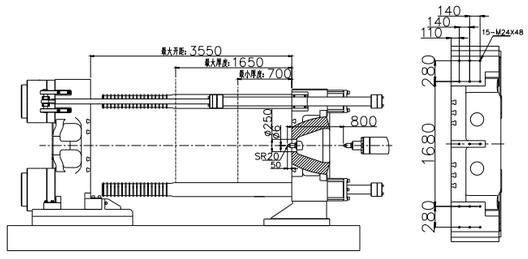
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM1900KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	125	140	150
螺杆长径比	Screw L/D ratio	L/D	22	21.4	20
射胶重量(ps)	Shot weight(ps)	g	8036	10000	11578
		OZ	283	355	407
射胶容量	Shot volume (theoretial)	cm^3	8820	11078	12723
射胶压力	Injection pressure	kg/cm^3	1906	1520	1324
射胶行程	Nozzle stroke	mm		720	
最高射出率	Injection rate	cm^3/sec	1258	1578	1812
螺杆转速	Screw speed	r.p.m		0-80	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		1870*1510	
锁模力	Clamping force	ton		1900	
容模厚度	Combined thickness of mould	mm		700-1650	
开模行程	Mould opens	mm		1900-2850	
顶针行程	Ejector stroke	mm		450	
顶针数量	Ejector number	pcs		33	
顶出力	Ejector force	ton		45.8	
模板最大间距	Maximum Platen Distance	mm		3550	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		160/210	
电机功率	Motor HP	kw		66+55+55+55	
电热功率	Heating power	kw		99.3	
重量（约）	Weihht,approx	ton		102	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		13.8*4.5*4	
油箱容积	Oiltank Cubage	L		1960	

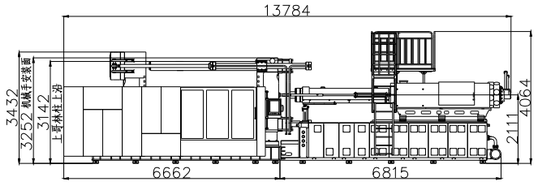
本公司保留修改技术参数的权利，恕不另行通知

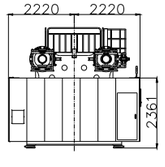


模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram



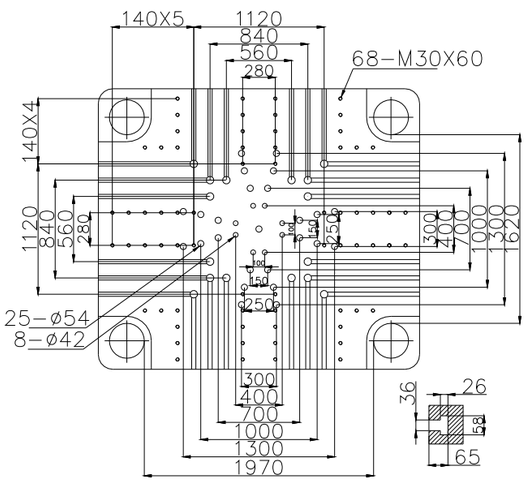


外形及安装基础尺寸
Outline and Foundation Dimensions

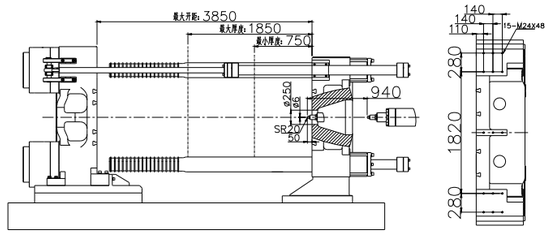
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM2200KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	140	155	170
螺杆长径比	Screw L/D ratio	L/D	24.3	22	20
射胶重量(ps)	Shot weight(ps)	g	11046	13541	16280
		OZ	390	478	575
射胶容量	Shot volume (theoretial)	cm^3	12007	14718	17700
射胶压力	Injection pressure	kg/cm^3	1940	1582	1315
射胶行程	Nozzle stroke	mm		780	
最高射出率	Injection rate	cm^3/sec	1546	1895	2280
螺杆转速	Screw speed	r.p.m		0-98	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		1970*1620	
锁模力	Clamping force	ton		2200	
容模厚度	Combined thickness of mould	mm		750-1850	
开模行程	Mould opens	mm		2000-3100	
顶针行程	Ejector stroke	mm		450	
顶针数量	Ejector number	pcs		33	
顶出力	Ejector force	ton		45.8	
模板最大间距	Maximum Platen Distance	mm		3850	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		160/210	
电机功率	Motor HP	kw		66+66+55+55+55	
电热功率	Heating power	kw		122.5	
重量（约）	Weihht,approx	ton		118	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		14.8*4.8*4.3	
油箱容积	Oiltank Cubage	L		2750	

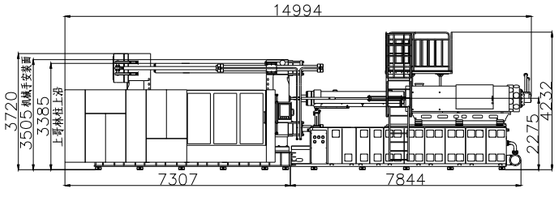
Note: We reserve the right to modify technical parameters without prior notice.

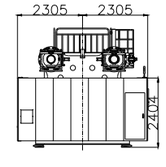


模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram



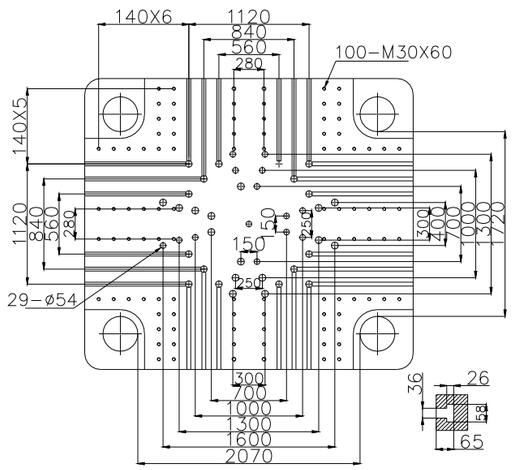


外形及安装基础尺寸
Outline and Foundation Dimensions

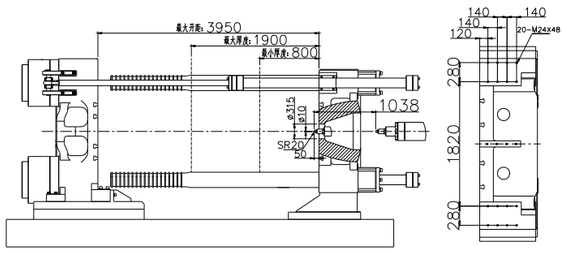
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM2600KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	170	185	200
螺杆长径比	Screw L/D ratio	L/D	20	23	20
射胶重量(ps)	Shot weight(ps)	g	16280	24112	32877
		OZ	575	852	1162
射胶容量	Shot volume (theoretial)	cm^3	17700	26208	36128
射胶压力	Injection pressure	kg/cm^3	1605	1356	1375
射胶行程	Nozzle stroke	mm	780	975	1150
最高射出率	Injection rate	cm^3/sec	1868	2307	2618
螺杆转速	Screw speed	r.p.m		0-80	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		2070*1720	
锁模力	Clamping force	ton		2600	
容模厚度	Combined thickness of mould	mm		800-1900	
开模行程	Mould opens	mm		2050-3150	
顶针行程	Ejector stroke	mm		500	
顶针数量	Ejector number	pcs		29	
顶出力	Ejector force	ton		45.8	
模板最大间距	Maximum Platen Distance	mm		3950	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		160/210	
电机功率	Motor HP	kw		66+66+66+55+55+55	
电热功率	Heating power	kw		204.6	
重量（约）	Weihht,approx	ton		162	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		16.8*4.9*4.5	
油箱容积	Oiltank Cubage	L		3120	

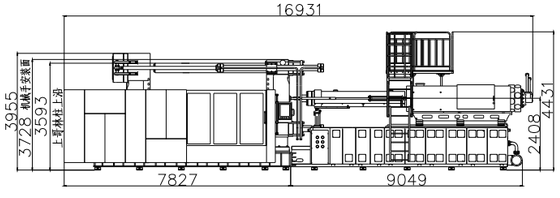
本公司保留修改技术参数的权利，恕不另行通知

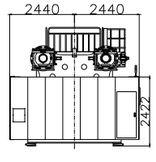


模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram



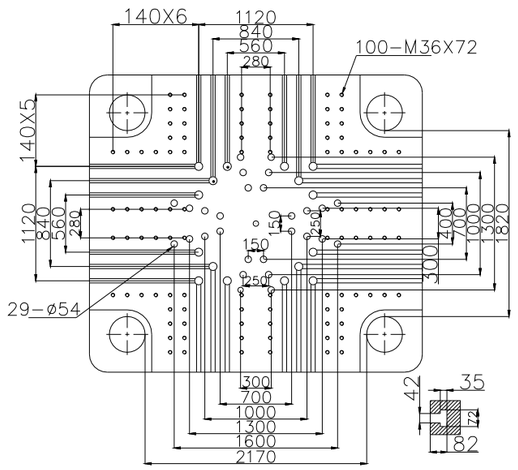


外形及安装基础尺寸
Outline and Foundation Dimensions

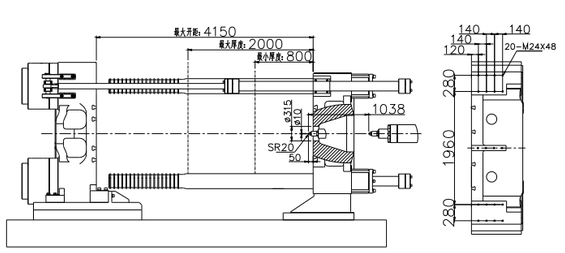
技术参数 SPECIFICATIONS

伺服两板直压注塑机 Servo Two-Platen Direct Clamping IMM			KM3000KS		
项目 Category		单位 Unit	标配		
射胶装置	INJECTION UNIT		A	B	C
螺杆直径	Screw diameter	mm	185	200	220
螺杆长径比	Screw L/D ratio	L/D	21.5	21.8	20
射胶重量(ps)	Shot weight(ps)	g	28130	32877	43240
		OZ	994	1162	1528
射胶容量	Shot volume (theoretial)	cm^3	30912	36128	47517
射胶压力	Injection pressure	kg/cm^3	1607	1375	1136
射胶行程	Nozzle stroke	mm	1150		1250
最高射出率	Injection rate	cm^3/sec	2240	2618	3168
螺杆转速	Screw speed	r.p.m		0-75	
锁模装置	CLAMPING UNIT				
导柱内距	Space between tie bars	mm		2170*1820	
锁模力	Clamping force	ton		3000	
容模厚度	Combined thickness of mould	mm		800-2000	
开模行程	Mould opens	mm		2150-3350	
顶针行程	Ejector stroke	mm		500	
顶针数量	Ejector number	pcs		29	
顶出力	Ejector force	ton		45.8	
模板最大间距	Maximum Platen Distance	mm		4150	
其他	GENERAL				
系统压力	System pressure	kg/cm^2		160/210	
电机功率	Motor HP	kw		66+66+66+55+55+55	
电热功率	Heating power	kw		200.2	
重量（约）	Weihht,approx	ton		185	
外形尺寸（长*宽*高）	Dimensions of machine(L*W*H)	m		17.5*5.1*4.6	
油箱容积	Oiltank Cubage	L		3400	

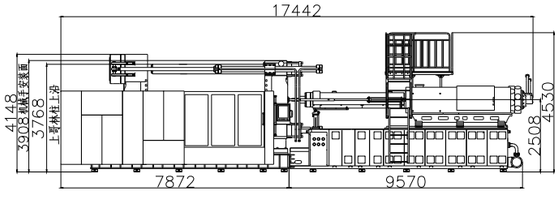
Note: We reserve the right to modify technical parameters without prior notice.

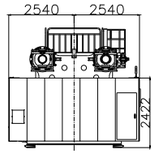


模板规格 PLATEN SPECIFICATIONS



锁模及机械手安装示意图
Clamping Unit and Robot Installation Diagram





外形及安装基础尺寸
Outline and Foundation Dimensions

参数选配表

	标准配置	备选配置
射胶系统		
双射移结构	●	
双缸平衡注射	●	
多种料管直径可选	●	
射咀对中微调装置	●	
射移/射胶双层线轨	●	
多段射胶压力速度控制	●	
倒索装置防止流涎	●	
落料转速显示	●	
螺杆防冷启动功能	●	
自动清料功能	●	
加长射咀		○
自封闭射咀（气动或弹簧）		○
合金料管组		○
红外线加热圈		○
电熔胶装置		○
伺服比例阀		○
锁模系统		
移模采用比例伺服阀	●	
T型槽+码模孔模板	●	
开模顶出联动装置	●	
自动模厚调节	●	
高速差动开模功能	●	
高压开模功能	●	
电镀硬铬高拉力哥林柱	●	
开合模线性导轨	●	
锁模力实时监测	●	
同步抱闸结构	●	
加大开模行程		○
加大容模厚度		○
液压码模夹系统		○

	标准配置	备选配置
抽拉杆装置		○
多组液压抽芯		○
液压系统		
伺服节能系统	●	
自封式吸油过滤装置	●	
数控背压控制	●	
无焊接液压管路	●	
高效率液压油冷却装置	●	
高/低压复合液压系统	●	
锁模高压二次泄压功能	●	
油温显示/油温报警功能	●	
旁路滤油装置	●	
液压系统防超压功能	●	
加大液压系统		○
模具顺序阀及动力源		○
高响应伺服注射系统		○
多组液压抽芯装置		○
抽芯一键泄压功能		○
控制系统		
高性能电脑，系统稳定、耐用、大屏、简洁、易操作	●	
自我诊断故障功能	●	
直接输入压力、速度、时间行程及温度等数据	●	
LCD彩色液晶显示器	●	
集中润滑	●	
压力耦合油路节省电力	●	
高精度电子尺行程控制，提高再现性及操作性	●	
多种复合安全装置	●	
利用闭环控制实现超精密成型	●	
台湾弘讯精密电脑		○
奥地利KEBA科霸电脑		○
佳明智峰三代智能管理云-车间设备联网数字化信息化		○

OPTIONS AND CONFIGURATIONS

INJECTION UNIT

Standard Configuration

1. Dual-carriage injection structure.
2. Twin-cylinder balanced injection.
3. Multiple screw/barrel diameters available.
4. Nozzle-alignment micro-adjustment.
5. Dual linear guides for injection and carriage movement.
6. Multi-stage control of injection pressure and speed.
7. Suck-back device to prevent drooling.
8. Multi-stage control for injection, packing, and plasticizing.
9. Screw cold-start protection.
10. Automatic purging function.
11. Extended nozzle option.
12. Self-sealing nozzle (pneumatic or spring type).

Optional Configuration

1. Alloy barrel assembly.
2. Infrared heating band.
2. Electric plasticizing unit.
4. Servo proportional valve.

CLAMPING UNIT

Standard Configuration

1. Proportional servo valve for mold movement.
2. T-slot and clamp-hole platen design.
3. Synchronized mold-opening and ejection mechanism.
4. Automatic mold-height adjustment.
5. High-speed differential mold opening.
6. High-pressure mold opening function.
7. Hard-chromed, high-tensile tie bars.
8. Linear-guide mold opening/closing.
9. Real-time clamping force monitoring.
10. Synchronous brake system.

Optional Configuration

1. Extended opening stroke
2. Increased mold thickness capacity
3. Hydraulic mold clamping system
4. Hydraulic core-pulling device
5. Multiple hydraulic core circuits available

HYDRAULIC SYSTEM

Standard Configuration

1. Servo energy-saving system
2. Self-sealing oil suction filter
3. CNC-controlled back-pressure system
4. Non-welded hydraulic piping
5. High-efficiency oil-cooling unit
6. High/low-pressure composite hydraulic circuit
7. Secondary decompression for high-pressure clamping
8. Oil-temperature display and alarm functions
9. Bypass oil-filtration device
10. Hydraulic over-pressure protection

Optional Configuration

1. Enlarged hydraulic power system.
2. Mold-sequence valve with independent power source.
3. High-response servo injection system.
4. Multiple hydraulic core-pulling circuits.
5. One-touch core-release function.

CONTROL SYSTEM

Standard Configuration

1. High-performance industrial computer with stable, durable, and user-friendly interface.
2. Self-diagnostic function for real-time fault detection.
3. Direct input of pressure, speed, stroke, time, and temperature parameters.
4. LCD color touch display with intuitive layout.
5. Centralized lubrication control.
6. Pressure-coupled hydraulic circuit for optimized energy efficiency.
7. High-precision electronic ruler for stroke control, enhancing repeatability and operability.
8. Multiple integrated safety interlocks.
9. Closed-loop control for ultra-precise molding.

Optional Configuration

1. Taiwan Techmation controller.
2. Austria KEBA controller.
3. KAIMING ZHIFENG III Smart Cloud for digitalized, networked factory management.

NOTE:

KAIMING
广东佳明