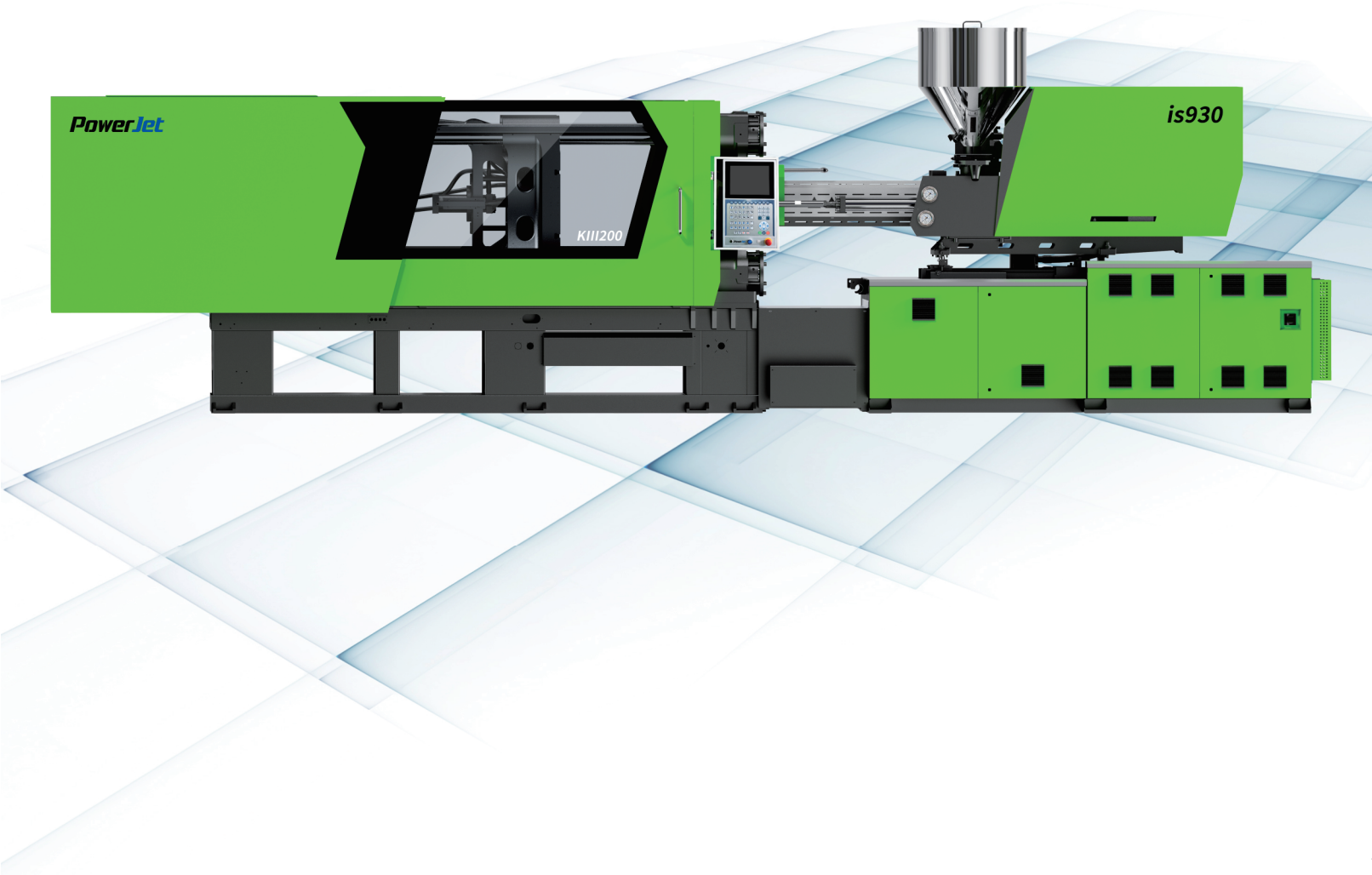


KIII

900-13800kN

KIII标准型高精密电熔胶
注塑机

KIII Standard Advanced High-Precision Electric
Charging Injection Molding Machine



佛山市宝捷精密机械有限公司
POWERJET PLASTIC MACHINERY CO.,LTD.

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宝捷公众号



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KIII 标准型高精度电熔胶注塑机

Standard Advanced High-Precision Electric Charging Injection Molding Machine



更高效节能



更精密稳定



适用范围更广



机台及模具
寿命更长

1 钣金造型

SHEET METAL MODELING

全新封闭式钣金外观设计，新颖、时尚、清洁
New closed sheet metal appearance design, novel, fashionable and clean

2 锁模结构

CLAMPING STRUCTURE

中心压力锁模结构，稳定快速
Center-press toggle system designed, fast and stable

3 注射系统

INJECTION SYSTEM

升级双层线轨注射系统，射速更快、更精密、更稳定、电熔胶高节能

Upgraded double-layer linear guide injection system, enhanced for higher injection speed, precision, greater stability, and electric charging unit for better energy-saving efficiency.

4 加强机架

REINFORCED RACKS

加强刚性机架，减震更明显、生产更稳定

Strengthen rigid frame, better damping performance, production more stable

5 伺服系统

SERVO SYSTEM

搭载全新伺服系统，响应快、精度高

New servo motor system, high response and high precision

6 安全继电器主控

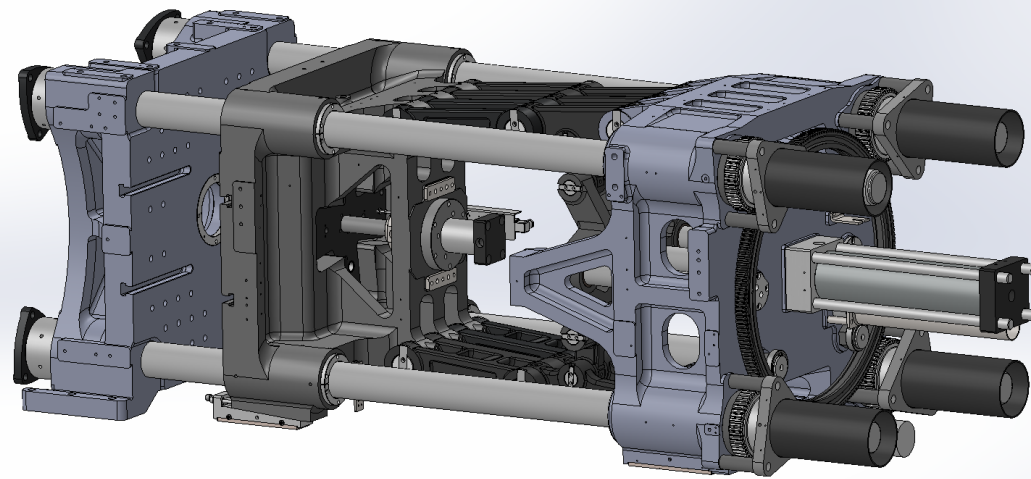
SSR CONTROL

安全继电器主控液压安全阀配强脱型安全开关，符合安全标准

The main control hydraulic safety valve of the SSR is equipped with a mandatory releasing safety switch, which complies with safety standards.

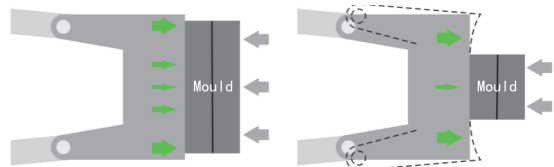
锁模单元

CLAMPING UNIT



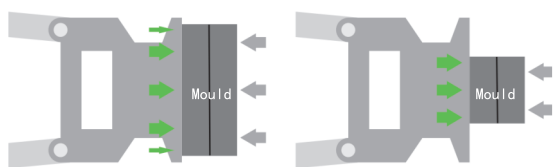
- 中心压力锁模结构使模具均衡受力，也避免了模板的损伤
- 全新设计的锁模结构，确保模板刚性提升20%以上
- 防倾侧底脚设计，保证开合模的高速平稳性
- 欧式顶针设计，提升对模具的适应性
- 低应力高寿命导柱结构

- The central pressure clamping structure makes the mold balanced and avoids the damage of the template
- The newly designed mold locking structure ensures that the rigidity of the template is increased by more than 20%
- Anti-tip foot design ensures high-speed smoothness of opening and closing die
- European thimble design, improve the adaptability of the mold
- Low stress and long life guide column structure



普通锁模结构
GENERAL TYPE TOGGLE

当模具变小时，作用于模具的4个角落的压力会变大
When the mold get small, compression increases on the corners of the mold



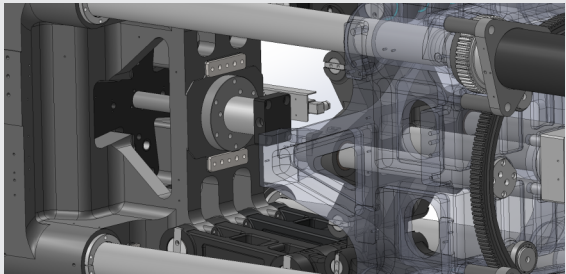
中心压力锁模结构
CENTRAL TYPE TOGGLE

不论模具尺寸变化如何，其作用于模具的压力都是一样的
Even though there is change of mold size, compression will be same on the mold

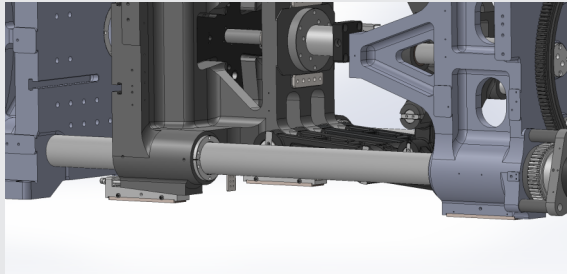
高刚性中心 压力锁模机构

High Rigidity Central
Pressure Clamping Mechanism

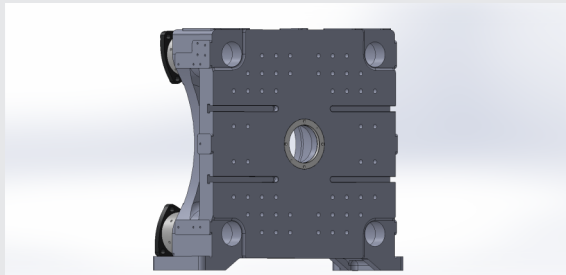
- 提高成型稳定性
Improve stability in molding
- 减轻对模板的损害
Minimize platen's damage
- 模板运行更快更稳定
Higher speed and stable platen's movement



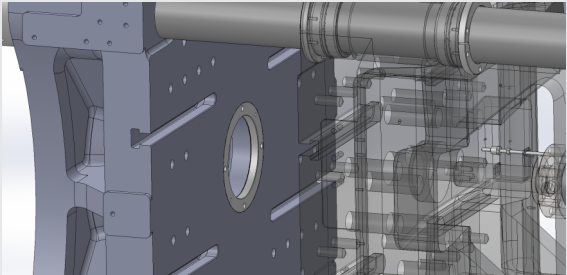
整体拆装顶出油缸部件结构
Integral structure of removable ejector cylinder components



锁模二板超长底脚滑板
Super long feet slide plate of die locking double plate



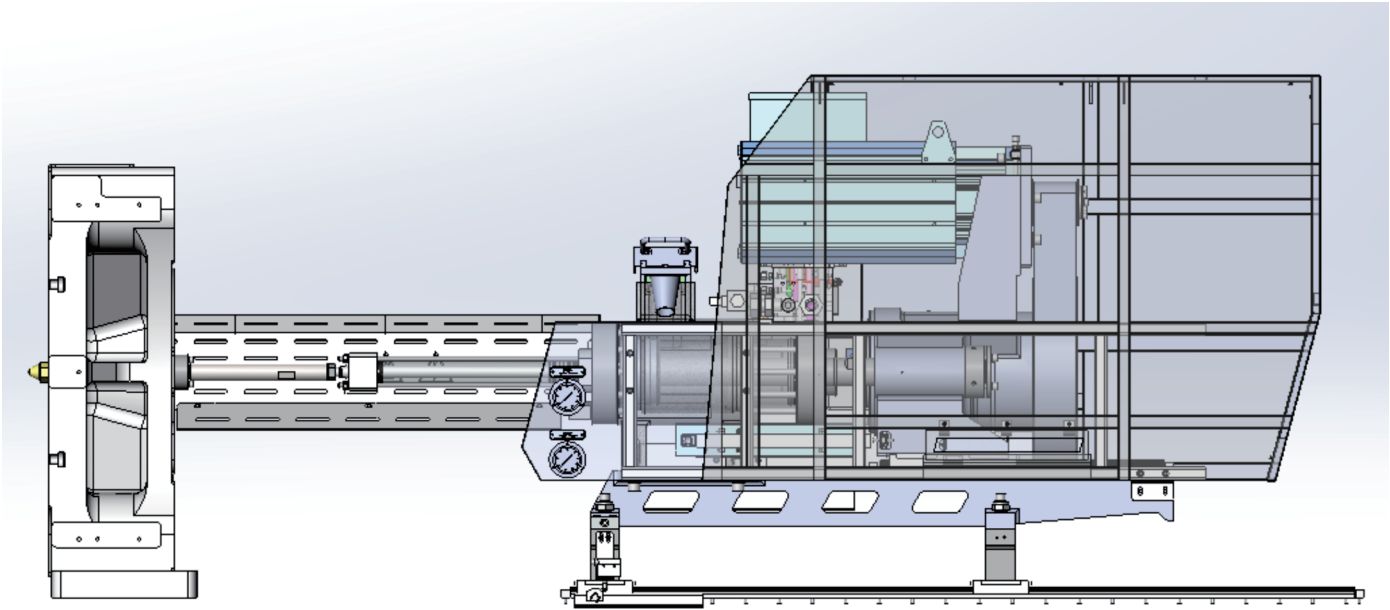
全系标配T型槽、码模孔复合模板
All are equipped with T-slot and mounting hole platen



全系标配模具定位环
All are equipped with mold locating ring

注射单元

INJECTION UNIT



高精度、更稳定、
高节能、塑化效果好

Precision, Stability, Energy-saving
Good Plasticization



升级射胶结构、双层线性导轨，标准电熔胶，680以上采用高性能伺服电机驱动，高效齿轮箱熔胶；560及以下采用高性能伺服电机驱动，高效出口皮带熔胶

Upgraded injection structure, double linear guide rail, standard electric charging. For machines of 680T or above, they are driven by high-performance servo motors and use high-efficiency gearboxes for material charging. For machines of 560T or below, they are also driven by high-performance servo motors but use high-efficiency export belts for material charging.



高效伺服节能驱动技术

High-efficiency energy-saving servo driving system



充分减少注射阻力、双层线性导轨，高刚性射胶二板

Fully reduce the injection resistance, adopt double-layer linear guide rails, and use a high-rigidity injection second plate.



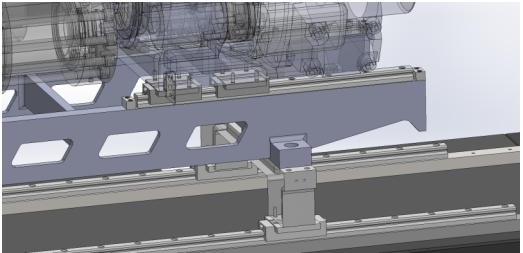
提高速度和精度

Improve speed and accuracy

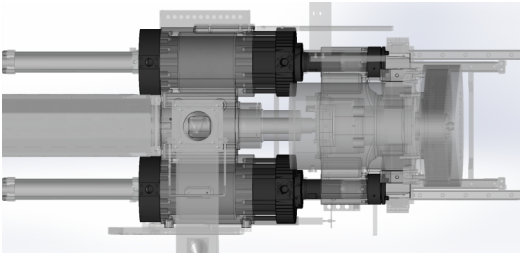


高效混炼料管结构

High-Efficiency Mixing Barrel Structure: Optimized for superior plasticizing quality and homogeneous color dispersion.

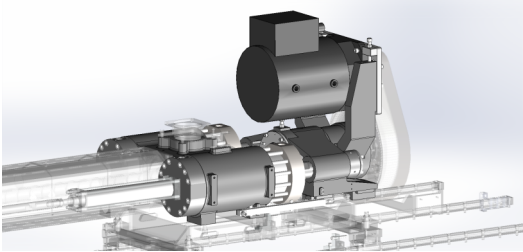


高刚性整体式双层线性导轨低摩擦，提高射胶精度
High rigidity integral linear guide, low friction, improve the injection precision.



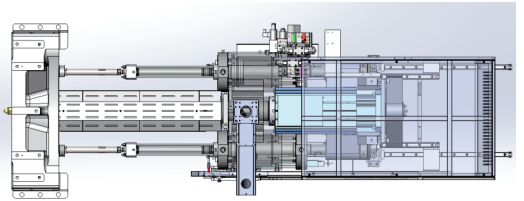
高寿命三轴承传动轴及耐疲劳射胶活塞杆结构

Durable triple-bearing transmission shaft with anti-fatigue injection piston rod structure.



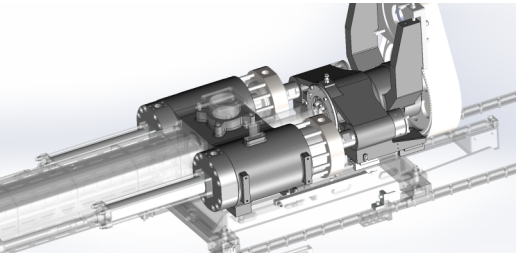
电动塑化机构效率高、节能效果更好、
节能15%-35%

The electric plasticizing mechanism has high efficiency and a better energy-saving effect, achieving an energy saving of 15% to 35%.



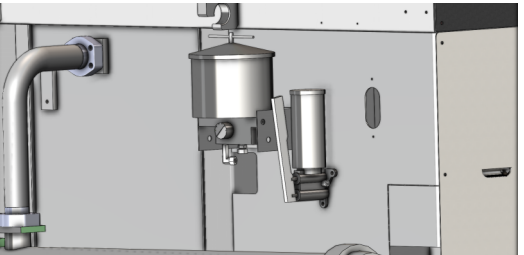
水平双缸射移设计，双缸加长定位射胶运行
更平稳、对中更准确全新双层隔热熔胶筒护罩

Horizontal dual-cylinder injection moving system, The extended double cylinders for injection positioning ensure a more stable operation and more accurate centering. New double-layer heat-insulated barrel shield.



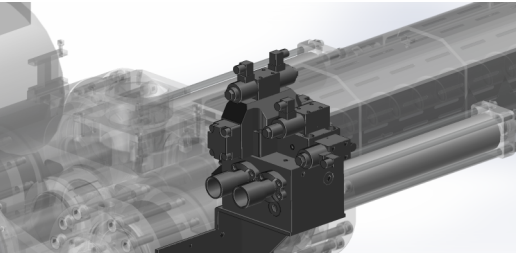
高刚性、低应力射胶模板，射胶动作低
惯量，高刚性

High rigidity and low stress injection formwork
Injection action with low inertia and high rigidity.



射台手动泵集中润滑

Manual centralized lubrication pump.



熔胶比例背压控制

Proportional back pressure control of melting

液压系统

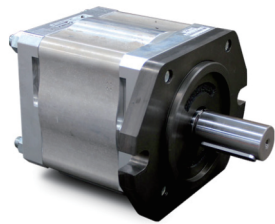
HYDRAULICS

至佳组合配置的新一代伺服系统确保整机动力提升10%以上，稳定耐用、高效节能具有惯量小、噪声低、动态响应快等特性

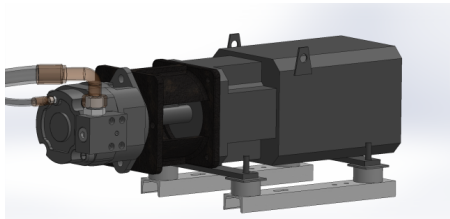
The new generation servo system ensures that the power of the whole machine is increased by more than 10%, which is stable, durable, efficient and energy-saving, with the characteristics of small inertia, low noise and fast dynamic response.

低冲击油路设计，管路布局合理整齐，大大降低油路损耗。500以上大型机采用免焊接油路，开锁模采用快速比例阀更快更准

Oil circuit consists of standard components, improving the reliability of hydraulic system. For machines of 500T or above: weld-free oil pipes are adopted. The mold closing and opening is faster and more accurate with fast proportional valves.



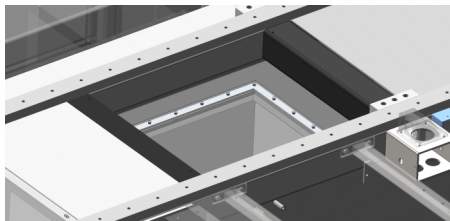
高效高压齿轮泵
High-efficiency high-pressure gear pump.



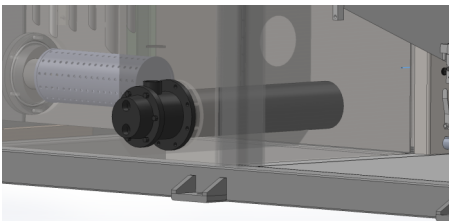
高性能专用伺服电机
High-performance specialized servo motor



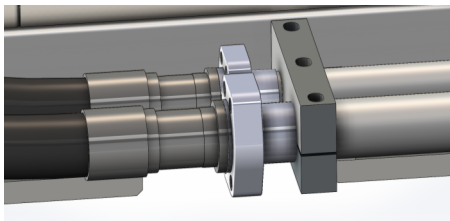
名牌伺服驱动器
Famous brand servo driver



杂质过滤防气泡油箱
Impurity filter anti bubble tank



内置式冷却器（330kN及以下机型）
Built-in cooler (330kN and below models)



标准件替代焊接件防漏油管路
Standard oil leakage pipeline parts instead of welding parts

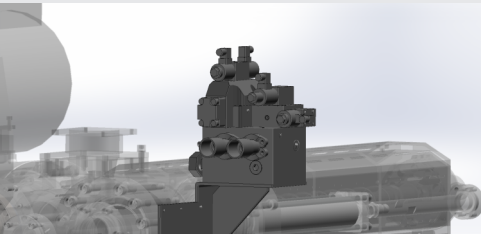
控制系统

CONTROL SYSTEM

人性化的电脑控制系统功能强大、速度快、控制精准、操作简便程序可满足多种工艺需求

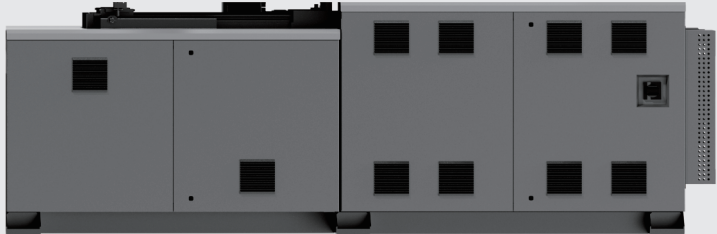
The humanized computer control system is powerful, fast, precise and easy to operate, and the program can meet a variety of process needs

- 更合理的电路布局，提高抗干扰能力及稳定性；
 - 预留联网管理系统接口，方便生产管理；
 - 软件功能更强大，扩展性能好；
 - 优化的控制系统，实现节能，提高响应；
- More reasonable electric circuit layout,improving anti-interference ability and stability
 - Central (network) management system interface, easy for production management.
 - More powerful software, high scalability.
 - Optimized control system, energy saving and high response.



采用数控背压，更方便调整熔胶背压

It is more convenient to adjust the ratio of melting by using digital control back pressure.



高刚性抗冲击机架搭配独立电箱，美观大方、操作舒适；电箱等部件既考虑了安全性，又兼顾了操作和维护的便利性。

High rigidity anti impact frame with independent electric box, beautiful and comfortable operation; The electric box and other components not only consider the safety, but also consider the convenience of operationand maintenance

标准配置

1.锁模部分

- 锁模大板及射胶大板及机铰采用高刚性球墨铸铁
- 欧规18机械手安装螺纹孔
- 液压驱动齿轮调模装置
- 五点式双曲肘锁模机构
- 电气、液压双重连锁保护且带安全双重反馈信号
- 移动模板耐磨锰钢带轨道
- 自动集中容积式稀油润滑系统
- 多种顶出功能可选
- 低压模具保护功能
- T型槽、码模孔复合模板
- 自动调模功能
- 顶出强制复位功能
- 机门边加装防夹伤缓冲条设计
- 合模部分封闭式防护门
- 顶退确认功能
- 高刚性低应力模板结构
- 智能开合模功能

2.射台部分

- 双缸平衡注射系统
- 电动熔胶功能
- 氮化合金钢螺杆料筒
- 下料口冷却装置
- 射嘴及料管多段PID温度控制
- 射嘴防护罩
- 螺杆防冷启动功能
- 自动清料功能
- 熔胶前、后松退可选
- 料斗滑轨装置
- 螺杆转速检测
- 射台手动润滑泵集中加润滑脂
- 不锈钢上料斗
- 双射移油缸
- 高性能双层射台座,射胶、射移双线轨低能耗结构
- 射嘴对中装置
- 高精密优化料管

3.液压系统

- 高性能伺服电机动力控制系统
- 高精密实时旁路滤油器装置
- 低噪音节能型液压回路
- 差动快速合模油路
- 开模刹车油路设计（开模背压）
- 油温自动检测及高低温报警
- 一组抽芯装置(KIII400及以下)
- 两组抽芯装置(KIII500及以上)
- 熔胶比例背压控制
- 开合模比例阀控制

- 多组进出水分水器装置 (KIII90至288七组，KIII330至500九组,500以上13组)
- 带位置反馈液压安全阀

4.电气部分

- 精密电子尺控制锁模/顶出行程/射胶行程
- 料筒加热强制保护
- 输入、输出检视画面
- 自动保温及自动加热设定功能
- 射胶转保压方式：时间/位置/时间+位置
- 12寸TFT真彩色LCD显示屏
- 1000组大容量工艺参数存储空间，USB存储接口
- 多种操作语言
- 可设置多级密码保护，操作面板带锁按键钥匙
- 前后机门急停开关保护
- 质量数据过程控制界面
- 生产统计过程控制（SPC）实时列表界面
- 预留吹风、抽芯回保护等多种接口
- 三组AC380V/32A三相插座，一组AC220V/10A多功能插座
- 热流道模具针阀控制(有软件，无硬件)
- 国内机械手电气接口(有软件，无硬件)
- 电脑整机能耗显示
- 电热总控制配交流接触器
- 工业连接器单独开关控制
- 系统硬件I/O检测功能
- 温度偏差显示
- 工艺参数预设置
- 系统故障自动诊断功能
- 电机安全保护装置
- 三色报警灯
- 射嘴直接温度控制

5.其他部分

- 说明书
- 避震脚
- 工具箱及工具一套，精密滤芯一件
- 码模夹(朱氏)
- 射嘴专用扳手
- 易损随机备件
- 机器标准颜色
- 加长50射嘴（250及以下机型）
- 加长100射嘴（288及以上机型）

Standard Devices

1.Clamping Unit

- Mold clamping three plates/hinges are made of high strength nodular cast iron.
- Euromap 18 robot mounting thread holes
- Hydraulic drive gear for mold adjustment
- Five-point double-toggle mold clamping mechanism
- Electrical and hydraulic dual interlock protection with dual safety feedback signal
- Wearable manganese steel rail below movable platen
- Automatic centralized lubrication system
- Multi ejection funtions
- Low pressure mold protection
- T-slot & mounting hole platen
- Automatic mold thickness adjustment
- Ejector backward reset function
- Anti-jamming buffer strip on safety door
- Closed protective door for mold closing part
- Ejector backward confirmation
- High-rigidity and low-stress template
- Intelligent mold opening and closing

2.Injectin Unit

- Double injection cylinders
- Electric plasticizing
- Nitriding alloy steel screw & barrel
- Cooling device on hopper feeding area
- Nozzle and barrel multi-section PID temperature control
- Nozzle protection cover
- Anti-cold start screw protedion
- Automatic purge function
- Nozzle back and forth movable before and after plasticizing
- Sliding rail unloading device
- Screw speed detection
- Manual centralized grease lubrication pump on injection unit
- Stainless steel hopper
- Double carriage movement cylinders
- High-performance double-layer injection unit base, energy-saving structure with double linear rails of injection and carriage movement
- Injection nozzle centering device

3.Hydraulic System

- High-performance Servo Motor Power Control System
- High-precision real-time bypass oil filter
- Low noise energy saving hydraulic circuit
- Differential fast mold clamping oil circuit
- Mold brake oil circuit design (mold back pressure)
- Automatic detection of oil temperature/high and low temperalure alarm
- 1 set of core pulling devices (4000kN and below models)
- 2 sets of core pulling devices (5000kN and above models)
- Plasticizing proportional back pressure control
- Multiple sets of water in and out distributor devices(900kN to 2880kN with 7 sets, 3300kN to 5000kN with 9 sets, 5000kN above with 13 sets)

- Proportional Valve Control for Mold Opening and Closing
- Hydraulic safety valve with position feedback
- Oil tank liquid level alarm(5000kN and above)
- Low-friction Sealing Element

4.Electrical unit

- Clamping transducer / Ejecting transducer/Injection transducer
- Barrel heating protection
- Input, output viewing interface
- Automatic insulation and automatic heating setting
- Injection to holding presure:time/position/time+position
- 12" TFT LCD screen
- 1000 sets mould data save, with USB port
- Multi operating languages
- Multi-level password protedion, operation panel with keys
- Front and rear safety door emergency stop switches
- Quality data process coniol interface
- Production process control (SRC) real-time list interface
- Reserved interface of air blast/ hydraulic core pull, etc.
- 3 sets 32A AC380V/3phase/50Hz sockets, 1 set 10A AC220V multi-function 2 or 3 hole socket
- Mold hot ninner pin valve control (With software, without hardware)
- Domestic robot terminal (With software, without hardware)
- Energy consumption display on screen
- AC contactor for electric heating main switch
- Single switch control for industrial linkers
- System hardware I/O detection
- Temperature deviation display
- Process parameter presetting
- System failure automatic diagnosis
- Motor safety protection device
- Single-layer Tri-color Alarm Light
- Nozzle heating direct tempreture control

5.General

- Instruction Manual
- Level pad
- 1 set of tools, 1 precision filter
- Mould clamps(the Zhus)
- Special wrench for nozzle
- Vulnerable Random Spare Parts
- Standard color of machine
- Nozzle more 50mm long (Below 2500kN models)
- Nozzle more 50mm long (2880kN and above models)

备选配置

1.锁模部分

- 锁模力按需自动调整功能
- 特殊模具安装孔
- 吊模架（200机以下）
- 加模具隔热板
- 加大顶出力、加大顶出行程
- 加大容模量
- 磁力模板
- 锁模手动润滑泵集中加润滑脂
- 锁模自动润滑泵集中加润滑脂（680及以上标配）
- 更改头板模具定位环

2.射台部分

- 陶瓷发热圈
- 专用料管组（电镀、双合金、PC、PMMA、PBT、PA、POM、UPVC、SPVC、电木 等）
- 料筒风冷装置
- 弹簧射嘴
- 加大注射行程或加大（减少）一级射胶机构
- 红外发热圈
- 高粘度材料加大电熔胶扭矩结构
- 加快射胶速度
- 注射闭环功能

3.液压系统

- 其他种类抽芯装置备选，需文字注明
- 同步熔胶系统功能
- 同步顶出、抽芯系统
- 玻璃管冷却流量计
- 油温电控水阀
- 下料口电控水阀
- 多组运水装置并配快速插头

4.电气部分

- SPI12机械手电气接口
- 欧规67机械手电气接口
- 欧规12机械手电气接口
- 电动安全门(850及以上标配)
- 热流道接口
- 气动顺序阀
- 电动旋转脱模接口
- 更改电源电压
- 一组吹气带阀装置
- 多组吹气带阀装置
- 气辅注射装置
- 中央（联网）监控系统
- 前、后机门内光栅保护
- 增加电度表
- 电热圈控制使用固态继电器（500及以上标配）
- 欧洲品牌电脑系统
- 后安全门操作（需客户承诺安全责任）
- 前后活动门加装安全开关
- 接线端子按美标工艺要求
- 抽芯系统接口根据欧规13
- 总空气开关锁定（200T以下机型）
- 欧规接线端子
- 管工厂联网功能
- 电气硬件联锁保护功能
- 支持U盘扩展，可以实现存模数任意大

5.其他部分

- 液压油
- 干燥机
- 自动上料机

Optional Configuration

1.Clamping Unit

- Automatic clamping force adjustment
- Special mold mounting holes
- Mold hanger (Below 2000kN models)
- Mold insulation board
- Enlarged ejector force and ejector stroke
- Enlarged max. mold height
- Magnetic platen
- Manual centralized grease lubricafion pump on clamping unit
- Automatic centralized grease lubricafion pump on clamping unit (standard equip for 680T above models)
- Change fixed platen mold positioning ring

2.Injectin Unit

- Ceramic heater
- Special screw and barrel(Electroplating, bimetallic, PC,PMMA, PBT,PA, POM, UPVC, SPVC,bakelite,etc.)
- Fan for cooling banel
- Spring nozzle
- Increase injection stroke, or Increase/decrease screw & barel size
- Infrared heating
- Structure with increased torque for electric plasticizing of high-viscosity materials
- Injection speed Acceleration
- Injection Closed-Loop Function

3.Hydraulic System

- Alternative types of core-pulling devices are available. please specify them in writing
- Synchronous plasticizing
- Synchronous ejection, core pulling
- Glass tube cooling flow meter
- Oil temperature electrical controlled water valve
- Electrical controlled water valve for cooling hopper temperature
- Multi-set water distributor with fast plug

4.Electrical unit

- SPI12 robot terminal
- Euromap 67 robot tenninal
- Euromap 12 robot terminal
- Electric safety door(8500kN and above models)
- Hot runner mold interfece
- Pneumatic sequence valve
- Electric rotary unscrewing interface
- Change the supply voltage and hertz
- One set air blast with valves
- Multi-set air blast with valves
- Gas assitant injection device
- Central (network) monitoring system
- Front and rear safety door grating protection
- Electricity meter
- SSR for heater（standard equip for 5000kN and above）
- European brand PLC
- Back safety door operation (Customer commitment to safely responsibility)
- Safety switches on front and rear doors
- Wiring terminals according to American standard
- Core pull system confbmied to Euromap 13
- Main air switch locking (Below 2000kN models)
- Wiring terminals according to European standard
- Pipe factory networking Function
- Electrical hardware interlock protection
- Support USB disk expansion, enabling the storage capacity to be arbitrarily large.

5.General

- Hydraulic oil
- Hopper dryer
- Autoloader

技术参数

TECHNICAL PARAMETER

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说明	DESCRIPTION	单位	KIII90				KIII128				KIII160				KIII200		
国际公认型号	International size rating		900-300				1280-450				1600-600				2000-900		
锁模单元	CLAMPING UNIT																
锁模力	Clamping force	KN	900				1280				1600				2000		
开模行程	Opening stroke	mm	320				360				440				490		
模板外形尺寸	Platen size	mm×mm	540×540				610×610				686×686				793×793		
导柱内距	Space between bars	mm×mm	360×360				410×410				470×470				530×530		
最大模厚	Max.mold height	mm	360				450				520				550		
最小模厚	Min.mold height	mm	130				145				160				180		
顶针行程	Ejector stroke	mm	100				120				140				150		
顶出力	Ejector force	KN	34				42				49				65		
注射单元	INJECTIONUNIT																
螺杆直径	Screw diameter	mm	30	36	42		36	40	45		42	46	52		46	52	60
螺杆长径比L/D	Screw L/D ratio	-	20.7	20	17.2		23	20	18.2		22	20	17.4		23	20	18.5
注射压力	Injection pressure	Mpa	267	186	136		228	184	146		214	178	140		220	172	130
理论注射容积	Shot volume	cm³	113	163	222		193	239	302		284	341	435		407	520	693
实际注射量(PS)	Shot weight(ps)	g(克)	101	145	197		178	220	278		253	303	388		363	463	617
		OZ(盎司)	3.6	5.1	7.0		6.1	7.5	9.5		8.9	10.7	13.7		12.8	16.3	21.8
注射速率	Injection rate	g/sec	80	115	156		117	144	183		158	189	242		193	247	329
塑化能力(PS)	Plasticizing capacity	g/sec	15	25	30		23	31	50		29	38	53		38	51	75
螺杆转速	Screw speed	rpm	0-300				0-300				0-270				0-270		
动力/电热	POWERUNIT																
油泵电机功率	Pump motor power	KW	15				18.5				25				30		
加热功率	Heater power	KW	6.5				8.3				9.89				11.5		
其他	GENERAL																
油箱容量	Oil tank capacity	L	112				139				198				232		
机器重量	Machine weight	Ton	3.5				3.9				5				6.4		
外形尺寸	Machine dimensions (L×W×H)	m×m×m	4.4×1.4×1.8				4.6×1.4×2.0				5×1.4×2.0				5.5×1.5×2.2		

技术参数

TECHNICAL PARAMETER

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说明	DESCRIPTION	单位	KIII250				KIII288				KIII330				KIII400						
国际公认型号	International size rating		2500-1100				2880-1370				3300-1870				4000-2500						
锁模单元	CLAMPING UNIT																				
锁模力	Clamping force	KN	2500					2880					3300					4000			
开模行程	Opening stroke	mm	540					550					640					710			
模板外形尺寸	Platen size	mm×mm	871×871					905×905					980×980					1080×1060			
导柱内距	Space between bars	mm×mm	580×580					610×610					670×670					740×720			
最大模厚	Max.mold height	mm	580					610					680					730			
最小模厚	Min.mold height	mm	220					230					250					300			
顶针行程	Ejector stroke	mm	150					150					180					210			
顶出力	Ejector force	KN	77					77					77					110			
注射单元	INJECTIONUNIT																				
螺杆直径	Screw diameter	mm	52	55	60		52	60	68		60	68	75		68	75	83	90			
螺杆长径比L/D	Screw L/D ratio	-	21	21	19		21	21	19		21	20.6	19		22	20	19	19			
注射压力	Injection pressure	Mpa	200	179	150		230	173	134		213	166	136		208	171	140	119			
理论注射容积	Shot volume	cm ³	552	618	735		595	792	1017		877	1126	1370		1198	1458	1786	2099			
实际注射量(PS)	Shot weight(ps)	g(克)	492	550	655		529	705	905		780	1002	1219		1067	1298	1590	1869			
		OZ(盎司)	17.3	19.4	23.1		18.7	24.9	31.9		27.5	35.4	43		37.6	45.8	56.1	65.9			
注射速率	Injection rate	g/sec	235	263	313		231	308	396		313	402	488		409	498	610	717			
塑化能力(PS)	Plasticizing capacity	g/sec	51	63	75		60	76	98		78	92	111		92	112	128	141			
螺杆转速	Screw speed	rpm	0-270					0-270					0-250					0-250			
动力/电热	POWERUNIT																				
油泵电机功率	Pump motor power	KW	30					45					55					63.6			
加热功率	Heater power	KW	13					17.2					20.8					27.6			
其他	GENERAL																				
油箱容量	Oil tank capacity	L	320					340					356					470			
机器重量	Machine weight	Ton	7.7					8.5					10					15			
外形尺寸	Machine dimensions (L×W×H)	m×m×m	6×1.6×2.2					6.2×1.6×2.2					6.65×1.8×2.3					7.9×1.9×2.5			

技术参数

TECHNICAL PARAMETER

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说明	DESCRIPTION	单位	KIII500					KIII560					KIII680					KIII850							
国际公认型号	International size rating		5000-3600					5600-4500					6800-5500					8500-7400							
锁模单元	CLAMPING UNIT																								
锁模力	Clamping force	KN	5000						5600						6800						8500				
开模行程	Opening stroke	mm	830						860						930						1030				
模板外形尺寸	Platen size	mm×mm	1230×1190						1230×1230						1400×1400						1550×1550				
导柱内距	Space between bars	mm×mm	820×780						860×860						940×940						1040×1040				
最大模厚	Max.mold height	mm	850						880						940						1050				
最小模厚	Min.mold height	mm	300						300						350						380				
顶针行程	Ejector stroke	mm	220						240						280						280				
顶出力	Ejector force	KN	135						135						184						184				
注射单元	INJECTIONUNIT																								
螺杆直径	Screw diameter	mm	75	83	90	100		75	83	90	100		85	90	100	110		90	100	110	120				
螺杆长径比L/D	Screw L/D ratio	-	21	21.8	20	19		21	21.8	20	19		23.5	22.4	20	18.5		23.5	21	20	18.3				
注射压力	Injection pressure	Mpa	210	171	146	118		231	188	160	130		208	186	150	124		235	190	157	132				
理论注射容积	Shot volume	cm ³	1723	2110	2481	3063		1944	2381	2799	3456		2667	2990	3691	4467		3149	3888	4704	5598				
实际注射量(PS)	Shot weight(ps)	g(克)	1534	1879	2209	2727		1769	2166	2547	2145		2422	2716	3353	4057		2866	3538	4281	5094				
		OZ(盎司)	54.1	66.3	77.9	96.2		61.0	74	89.9	110.9		85.4	95.8	118.3	143.1		101.1	124.8	151	179.7				
注射速率	Injection rate	g/sec	490	601	706	872		418	512	602	743		566	635	784	949		590	729	882	1050				
塑化能力(PS)	Plasticizing capacity	g/sec	93	115	130	160		93	115	130	160		108	126	162	188		118	146	176	209				
螺杆转速	Screw speed	rpm	0-200						0-200						0-160						0-160				
动力/电热	POWERUNIT																								
油泵电机功率	Pump motor power	KW	63.6						63.6						40+30.8						55.3+45				
加热功率	Heater power	KW	33.2						33.2						39.3						41.6				
其他	GENERAL																								
油箱容量	Oil tank capacity	L	640						700						720						800				
机器重量	Machine weight	Ton	18.5						23						26						35				
外形尺寸	Machine dimensions (L×W×H)	m×m×m	8.7×2.1×2.6						9.3×2.2×2.1						10×2.2×2.1						10.4×2.4×2.2				

技术参数

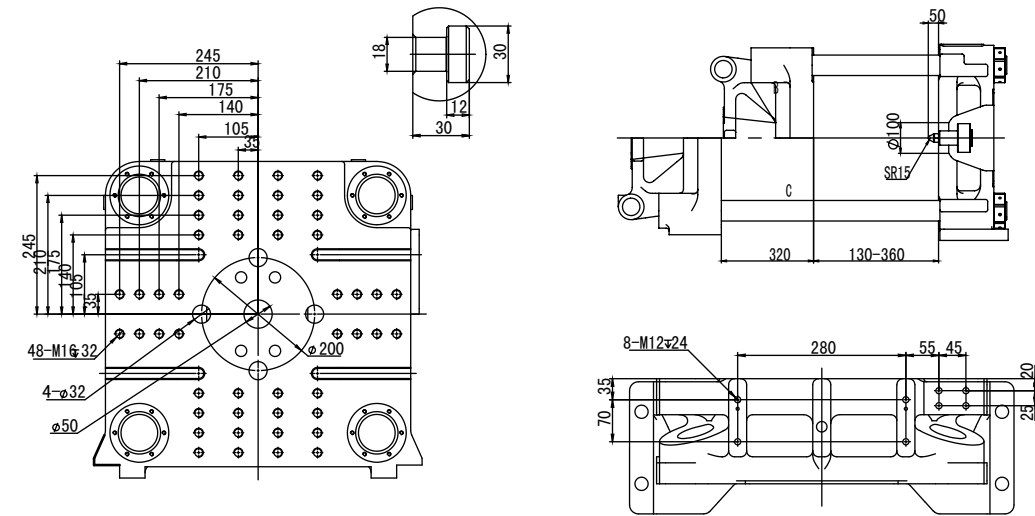
TECHNICAL PARAMETER

备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知。
Remarks: According to upgrading of machine, we will change techical parameters, configuration of some parts and service's items without further notice.

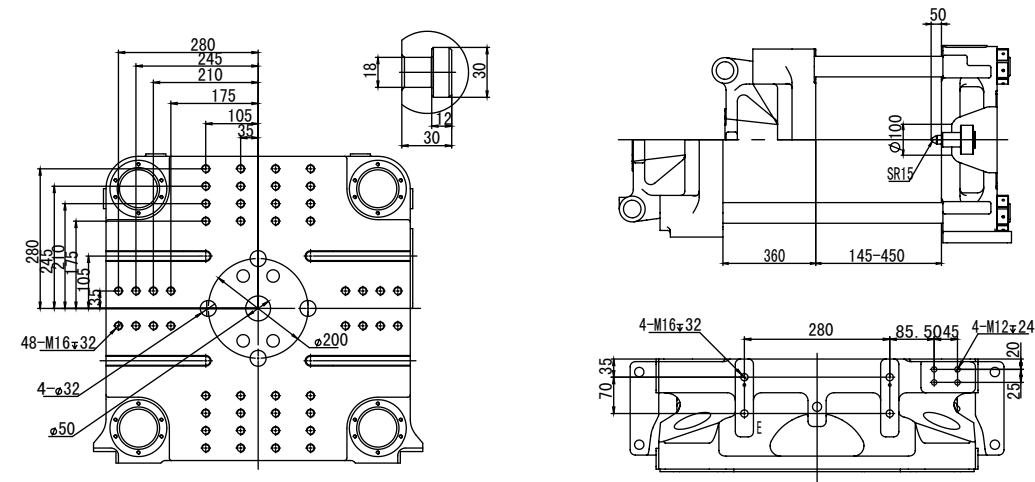
说明	DESCRIPTION	单位	KIII1000					KIII1200					KIII1380				
国际公认型号	International size rating		10000-9530					12000-9530					13800-12000				
锁模单元	CLAMPING UNIT																
锁模力	Clamping force	KN	10000					12000					13800				
开模行程	Opening stroke	mm	1150					1310					1350				
模板外形尺寸	Platen size	mm×mm	1690×1690					1800×1800					2000×1950				
导柱内距	Space between bars	mm×mm	1160×1160					1250×1250					1420×1280				
最大模厚	Max.mold height	mm	1200					1250					1400				
最小模厚	Min.mold height	mm	500					500					600				
顶针行程	Ejector stroke	mm	350					320					380				
顶出力	Ejector force	KN	290					215					300				
注射单元	INJECTIONUNIT																
螺杆直径	Screw diameter	mm	100	110	120	130		100	110	120	130		110	120	130	140	
螺杆长径比L/D	Screw L/D tatio	-	23	21	19.2	18.5		23	21	20	18.5		21	21	19.3	18.9	
注射压力	Injection pressure	Mpa	221	182	153	131		221	182	153	131		205	173	147	127	
理论注射容积	Shot volume	cm ³	4320	5227	6220	7300		4320	5227	6220	7300		5892	7012	8229	9544	
实际注射量(PS)	Shot weight(ps)	g(克)	3931	4756	5661	6643		3931	4756	5661	6643		5362	6381	7489	8685	
		OZ(盎司)	138.7	167.8	199.7	234.3		138.7	167.8	199.7	234.3		189.1	225.1	264.1	306.4	
注射速率	Injection rate	g/sec	699	845	1006	1181		699	845	1006	1181		836	995	1168	1355	
塑化能力(PS)	Plasticizing capacity	g/sec	151	182	217	265		151	182	217	265		147	175	205	248	
螺杆转速	Screw speed	rpm	0-160					0-160					0-125				
动力/电热	POWERUNIT																
油泵电机功率	Pump motor power	KW	55.3+55.3					55.3+55.3					63.7+55.3				
加热功率	Heater power	KW	49.5					49.5					84.2				
其他	GENERAL																
油箱容量	Oil tank capacity	L	900					900					1200				
机器重量	Machine weight	Ton	50					56					70				
外形尺寸	Machine dimensions (L×W×H)	m×m×m	11.4×2.7×2.34					11.6×2.91×2.5					13×3×2.8				

模板尺寸
TECHNICAL PARAMETER

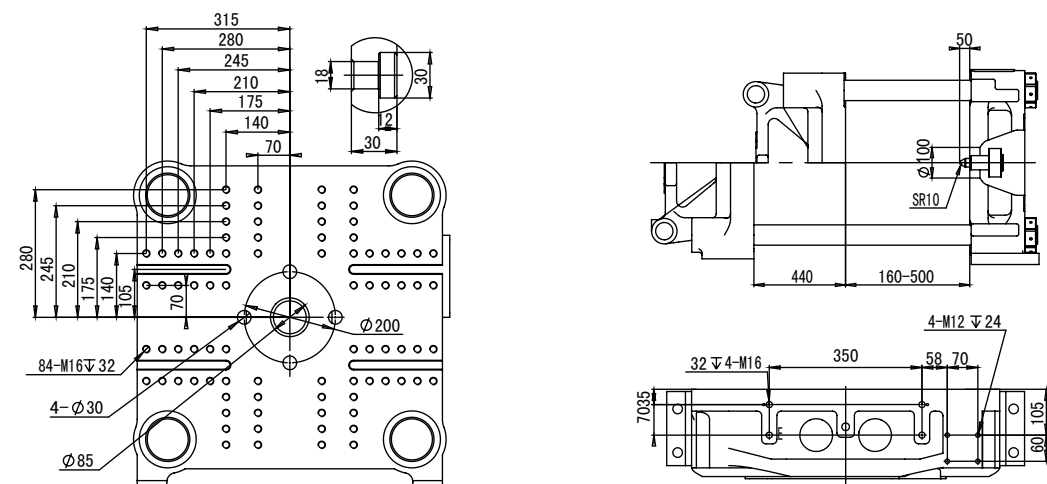
KIII90



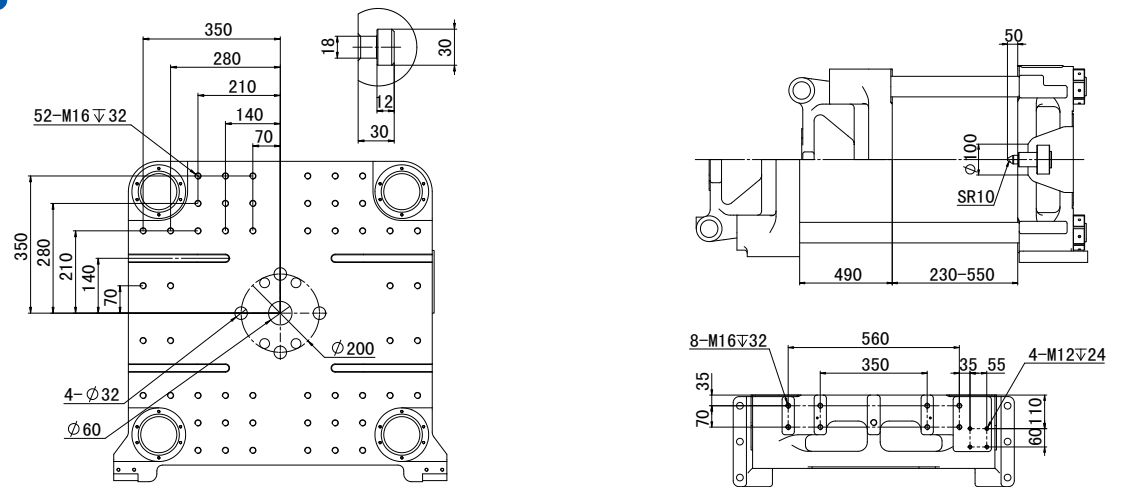
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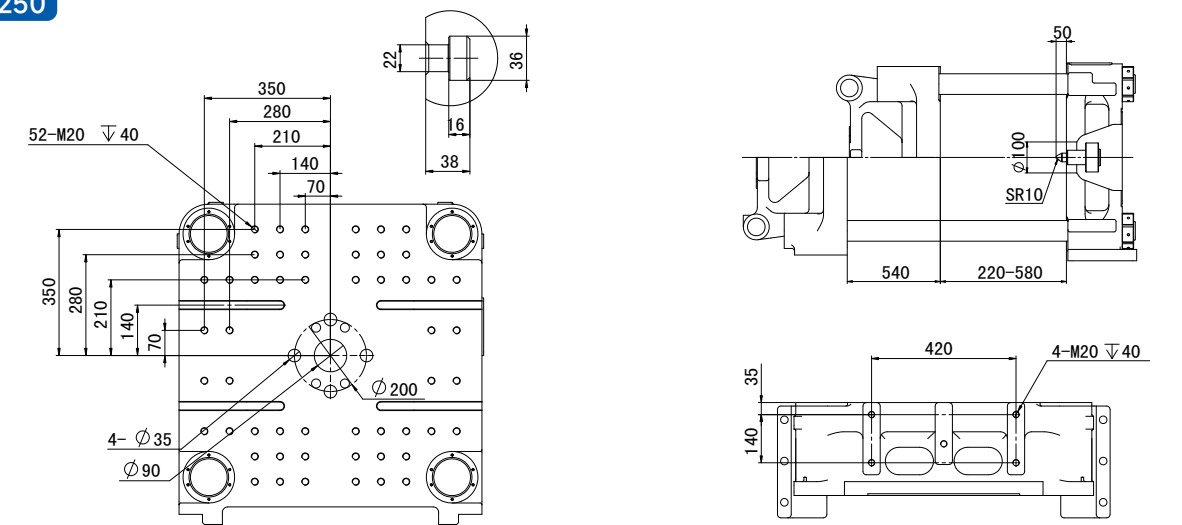
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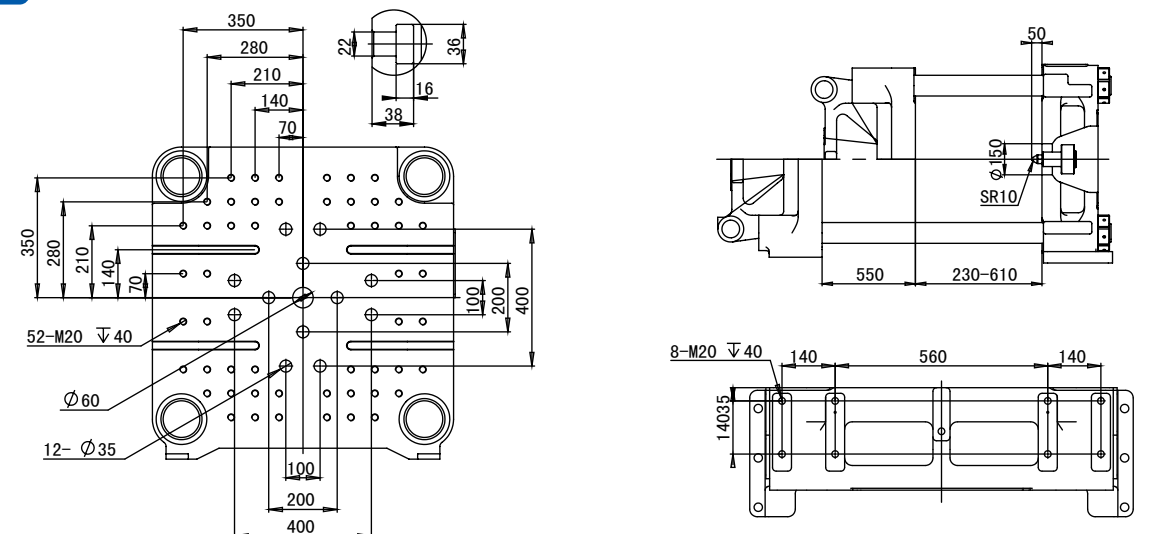
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KIII250



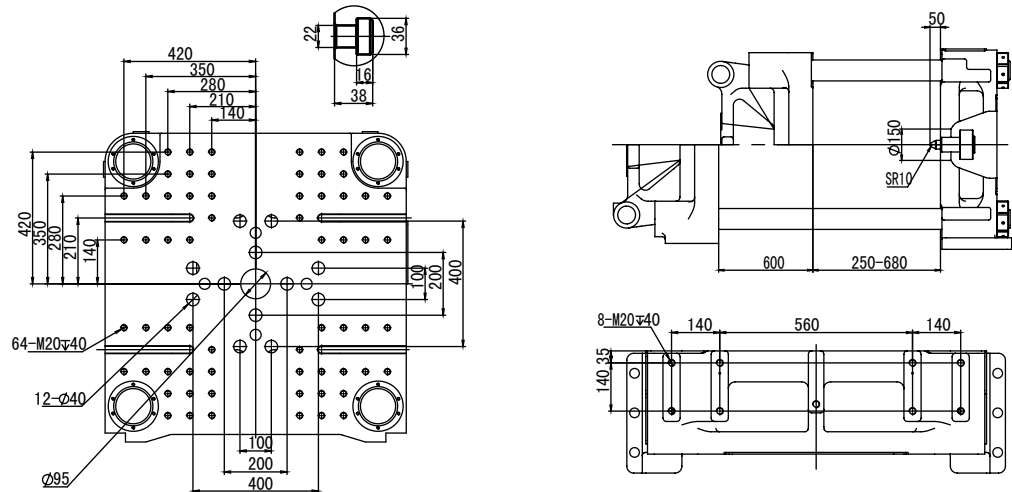
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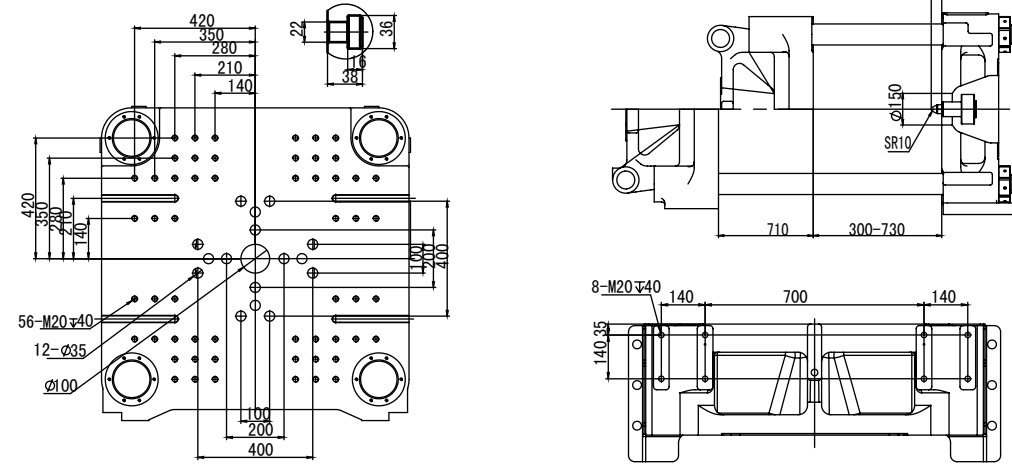
模板尺寸

TECHNICAL PARAMETER

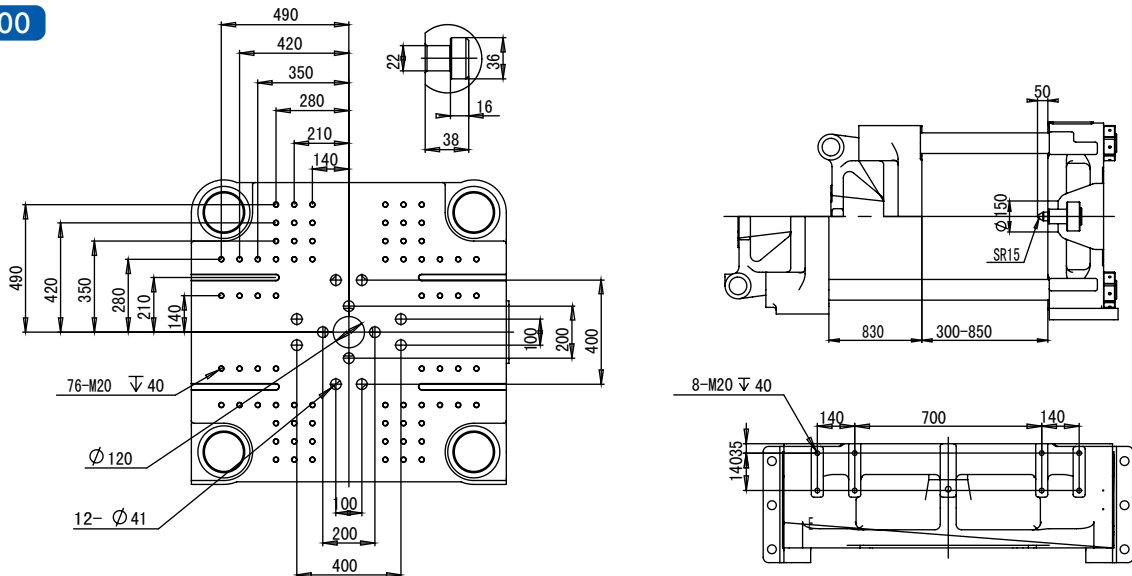
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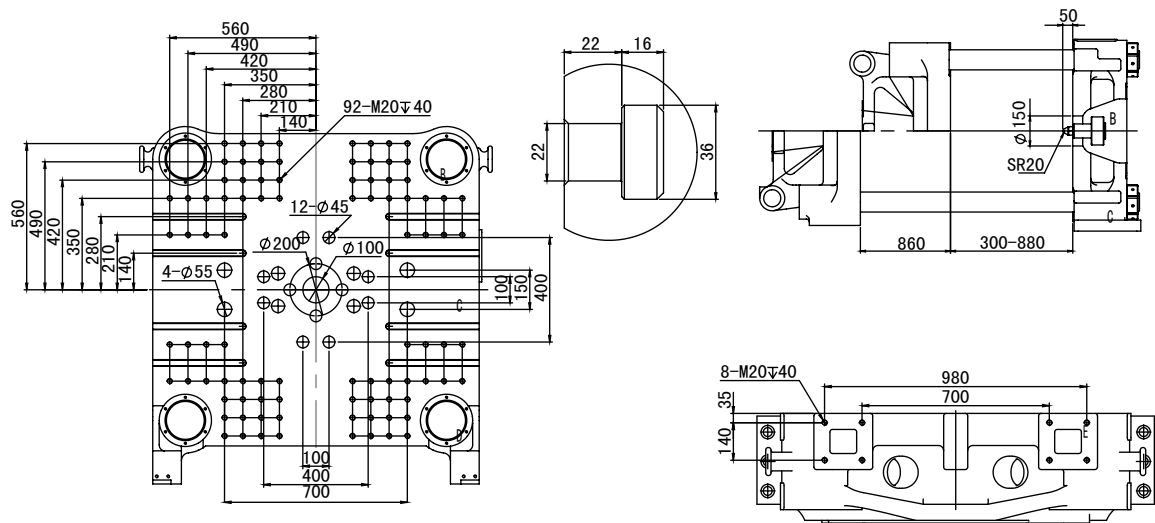
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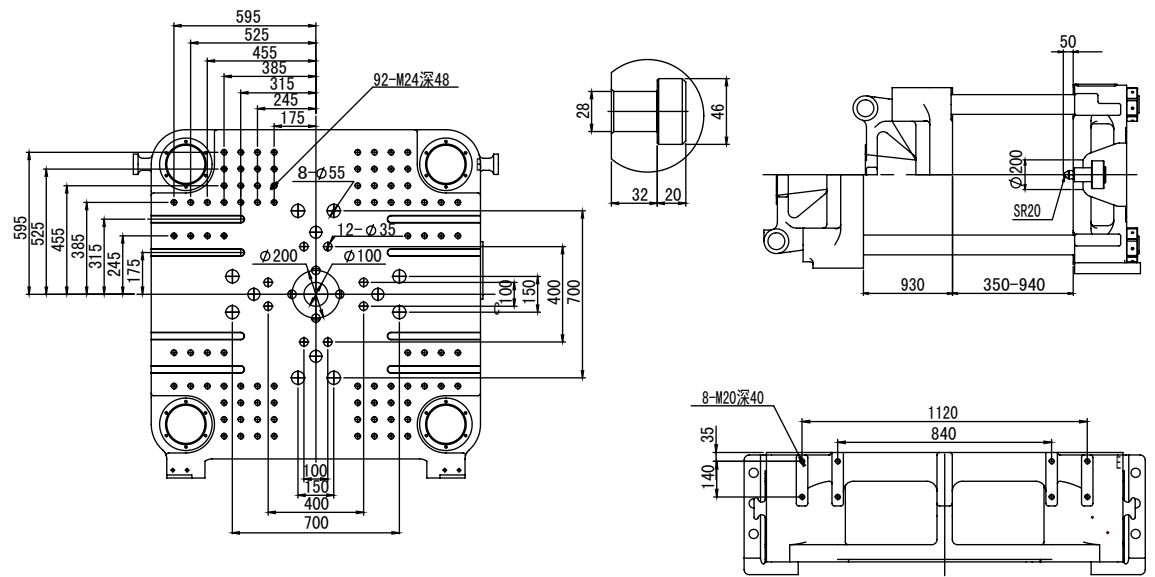
KIII500



KIII560

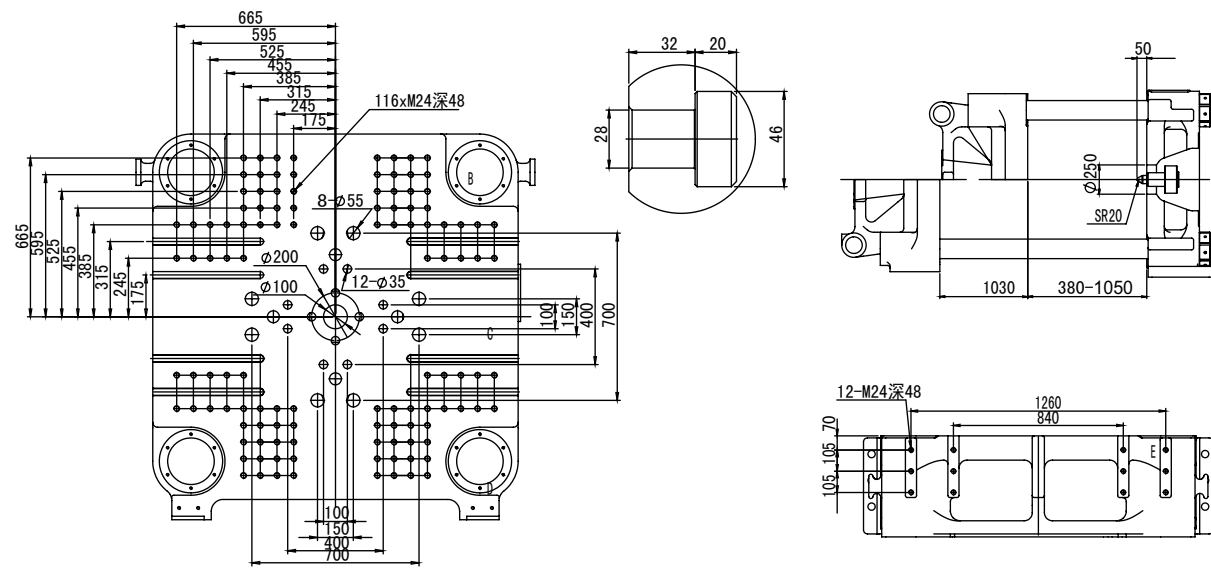


KIII680

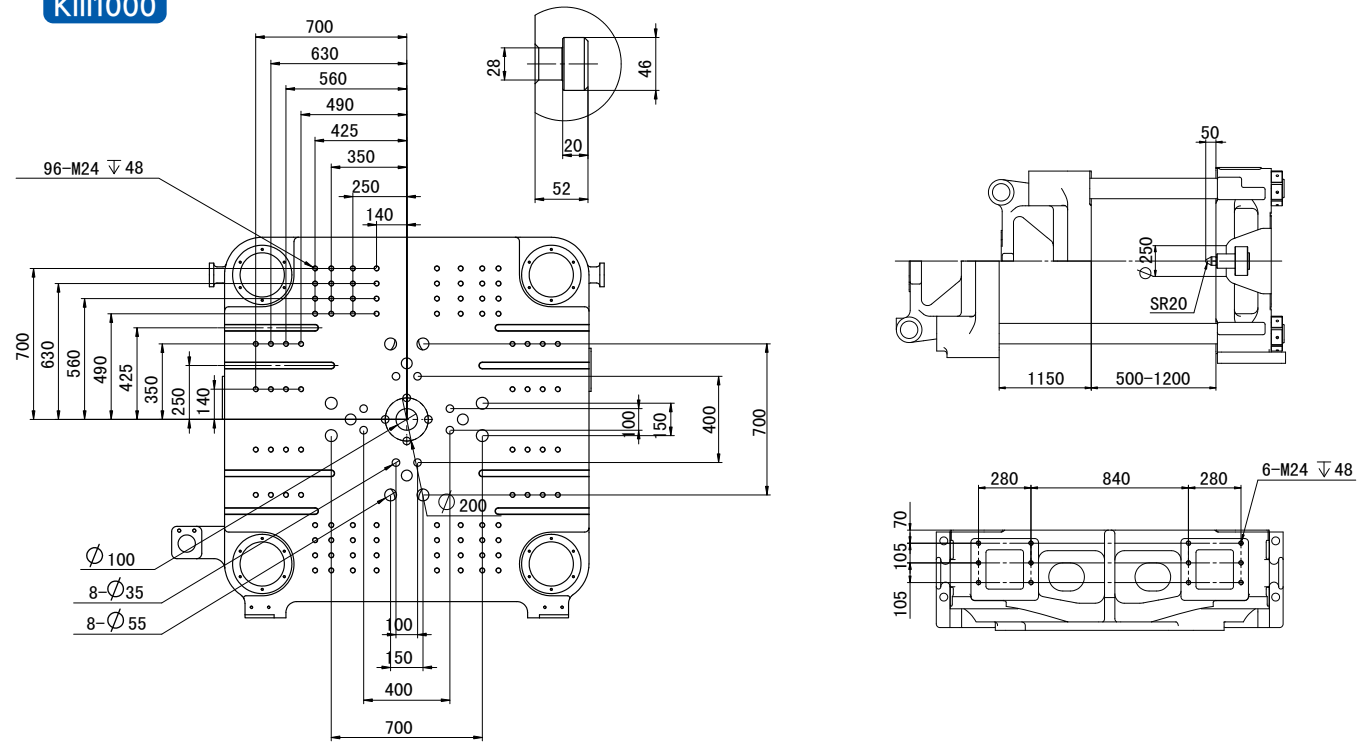


模板尺寸
TECHNICAL PARAMETER

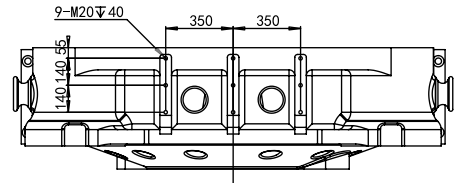
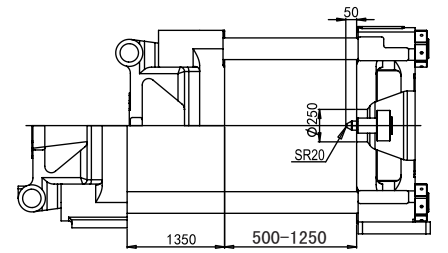
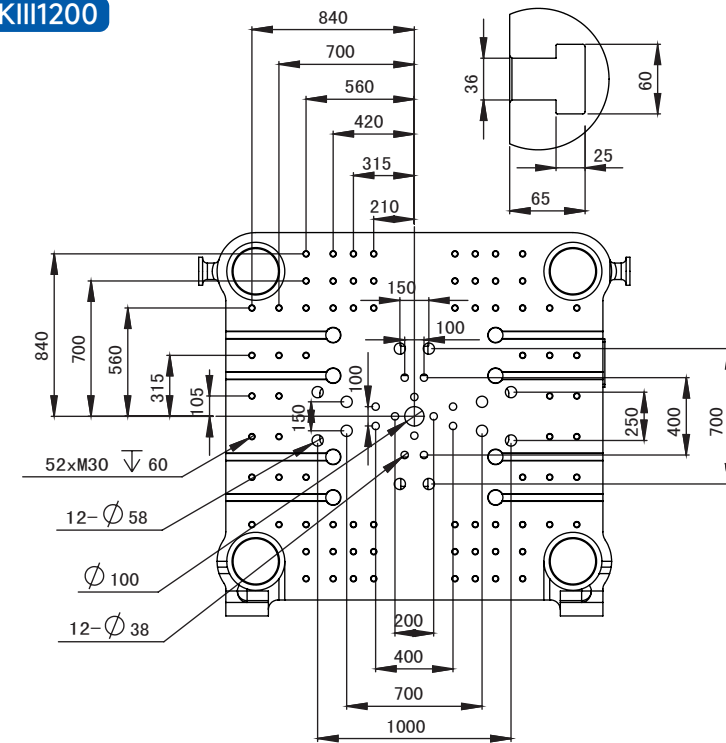
KIII850



KIII1000



KIII1200



KIII1380

