

JT 60T-450T
JT全电动注塑机
All-electric Injection Molding Machine



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

地址：中国·广东省佛山市三水区乐平镇创新大道西5号
服务热线：86-400 830 0005 +86-757-86697806
邮箱：powerjet@126.com
网址：www.powerjet.cn

[免责声明]
[1]本公司保留对样本中描述产品进行改进的权利，规格如有变更，恕不另行通知。
[2]样本中的产品照片仅供参考，产品以实物为准。
[3]样本中数据为宝捷厂内测试检验得出，仅作为参考信息，不保证是最新数据，一切以实际产品为准。



宝捷公众号

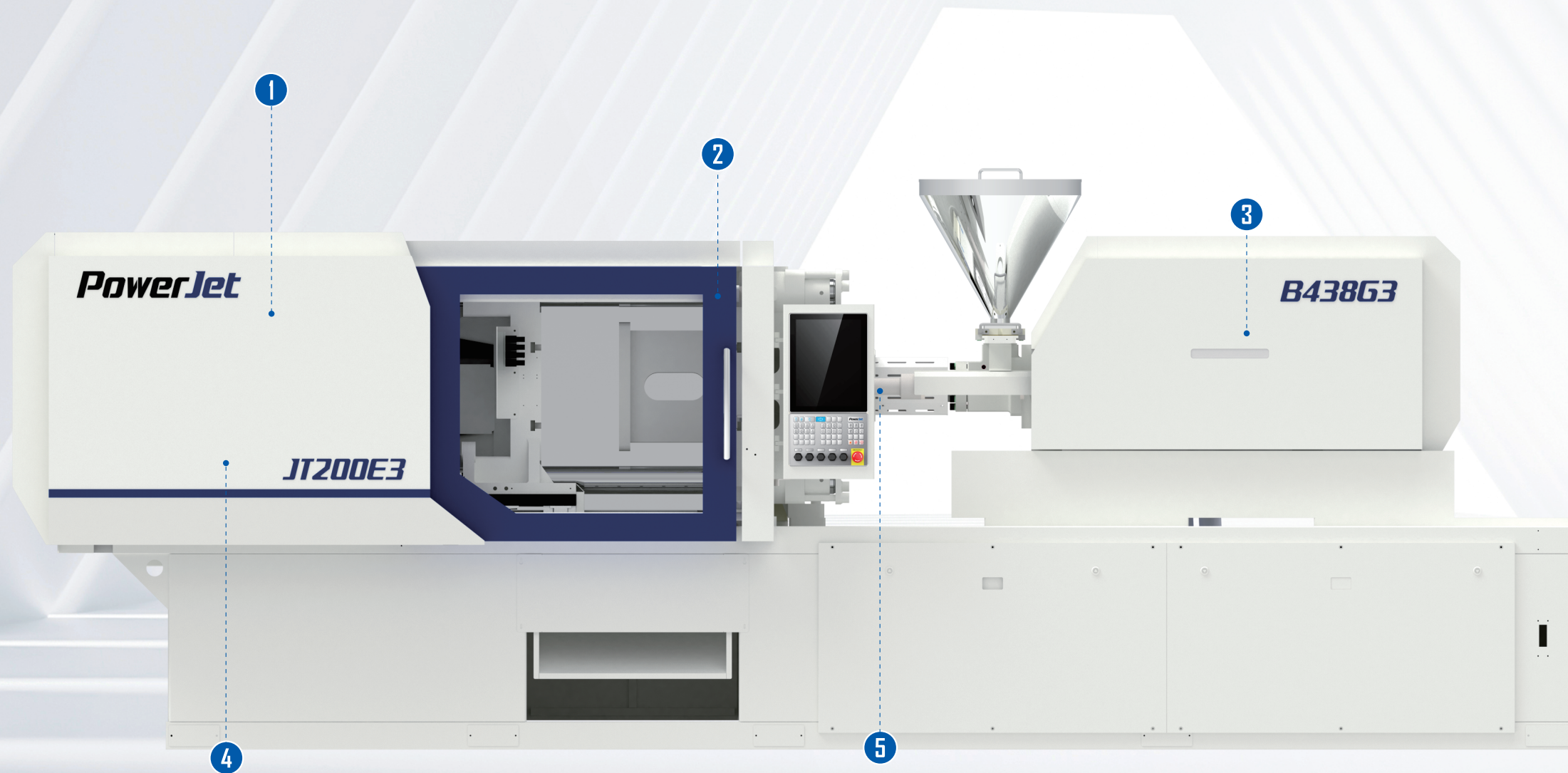


宝捷官方网址



全电动注塑机

All-electric 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

产品特点

CHARACTERISTICS

卓越性能打造品质设备，深耕行业二十余载以专业的注塑成型方案解决生产现场面临的难题。JT全电动注塑机紧密结合市场，“节能、高效、高速、精密”是它的特点，JT系列全电注塑机广泛应用于医疗、3C电子、5G、家电、包装、汽车配件等行业，在医疗领域表现尤其突出，给客户带来更大的竞争优势。

Excellent performance to create quality equipment, deep cultivation of the injection machinery industry for more than 20 years, with professional injection molding solutions to solve the problems faced by the production site. JT all-electric injection molding machine closely combined with characteristics. energy saving, high efficiency, high speed, precision", is widely used in medical, 3C electronics, 5G home appliances, packaging, auto parts and other industries, especially in the field of medical plastic parts, to bring customers greater competitive advantages.

1 锁模力偏差<3%

Clamping Force Deviation<3%

2 模板平行度(负载)<0.05mm

Platen Parallelism(Loading Capacity)<0.05mm

3 注射位置精度±0.01mm

Injection Position Accuracy±0.01mm

4 开锁模位置重复精度±0.02mm

Mold Open/close Position Repeated Accuracy±0.02mm

5 背压控制精度±0.1MPa

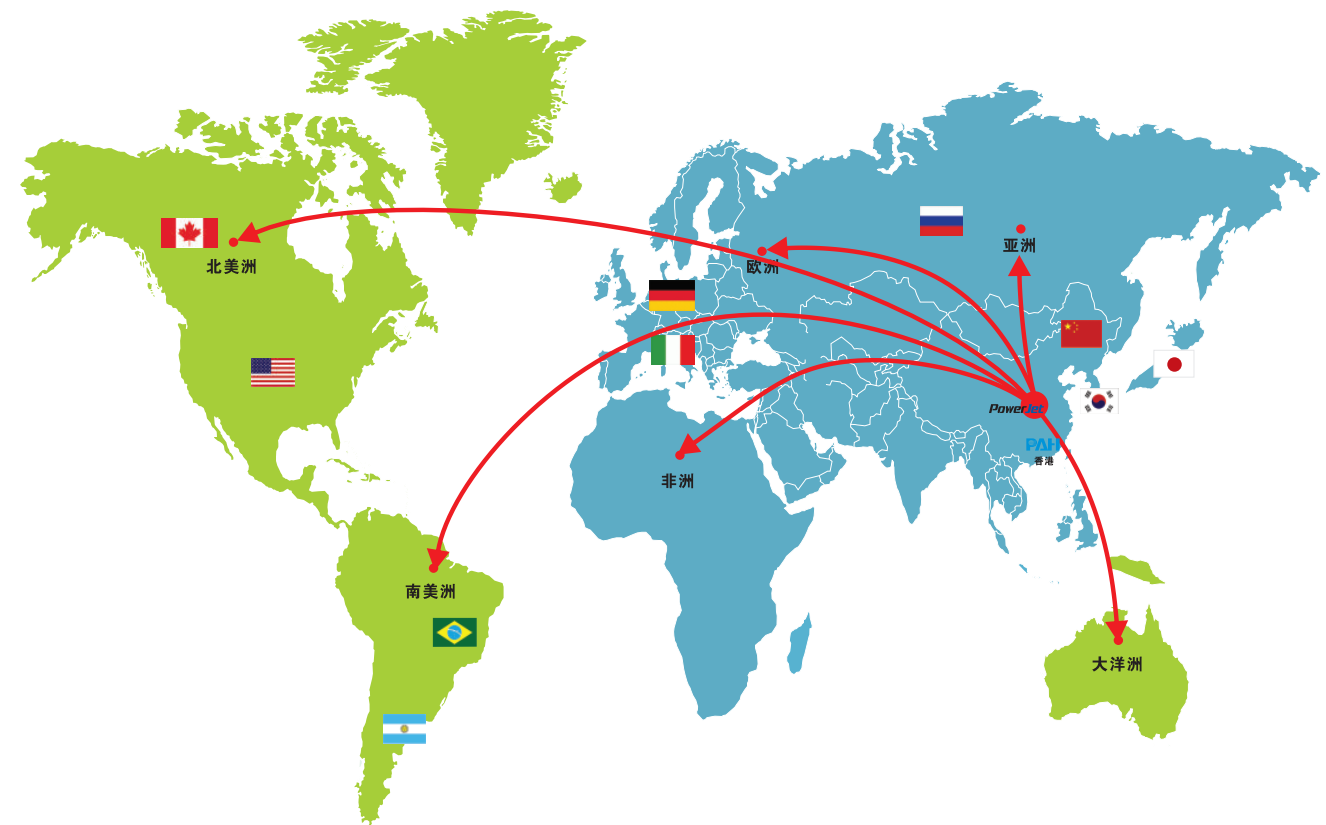
Back Pressure Control Accuracy±0.1MPa

服务应用场景

SERVICE APPLICATION SCENARIOS

覆盖全球的营销网络，贴近用户的办事处和代理点真诚为您服务！

With global sales network, Our local offices and agents can provide more convenient and sincere services!



服务支持

- 整机及部件提供十二个月免费保修服务(易损件除外)
- 售前提供产品和技术咨询;
- 根据用户特别要求提供整体解决方案;
- 协助用户设计厂房布局及水电配置;
- 免费调试及产品使用培训;
- 24小时全天候维修服务;
- 产品升级及改造服务;
- 产品维护知识技能培训;
- 塑料制品品质升级增值服务;
- 其它服务。

Service and support

- 12 months free of charge warranty service on complete machine and parts (wearing parts not included);
- Provide consultant on product and technology before sales;
- To provide the turnkey projects according to the customers requirement;
- Assist customer to design factory layout, water and electricity facilities layout;
- Test running & training free of charge,
- Maintenance service in 24 hours;
- Product upgrading and reconstructing services
- Training on product maintenance;
- Value added service on upgrading plastic parts quality;
- Other services.

注塑成型解决方案、成本优化专家！

Professional Solution In Injection Molding, Cost Optimization Expert !

合作伙伴

无论您是在塑料制造还是加工领域，宝捷精机都是你理想的合作伙伴。我们凭借多年的塑料机械制造经验，紧随市场需求吸收国内、外的先进设计理念，结合新技术，不断开发出新的工艺和设备。

贴心服务

我们从洽谈到确定客户配套生产优选方案，从设备的安装调试，维护保养、系统、系统操作到生产过程，每个阶段我们都为您提供合理建议和完善的解决方案还有快速的配件供应以及便捷的技术服务和支持。



解决方案

我们的技术创新中心负责提供锁模力从600-4500kN 范围内的标准型和专用型注塑机、配套设备及全自动解决方案。我们的客户群遍布于饮料、包装行业，日用品行业，办公、体育用品行业，医药、保健品行业，家电行业，电子行业，汽配行业，玩具、礼品行业等，而且来自世界各地。

个性定制

我们利用专业的知识帮助您取得成功。基于设备模块化的工程设计理念，既能帮助客户解决各种特殊工程难题，同时为客户带来显著的成本和技术优势。



Partners

No matter you are in the field of plastic manufacture or processing, industry, Powerjet will always be your ideal partner. We follow the market demands, absorb foreign advanced design concept and combine with UP-to-date technology to develop new technology and equipment by many years of plastic machinery manufacturing experience

Intimate service

We not only provide reasonable advices and perfect solution, but also rapid fittings supply and convenient technical support during all our cooperation stages including negotiation, equipment installation and test, production process, and maintenance etc.



Solution

Our technical innovation center provide standard or special design injection machines, auxiliary equipment, and together with fully automated solution. Our customers around the world cover various industries such as beverage packaging, daily necessities, office supplies sporting goods, medicine, health care products, appliance, electronic products, auto, toys, and gift industry etc.

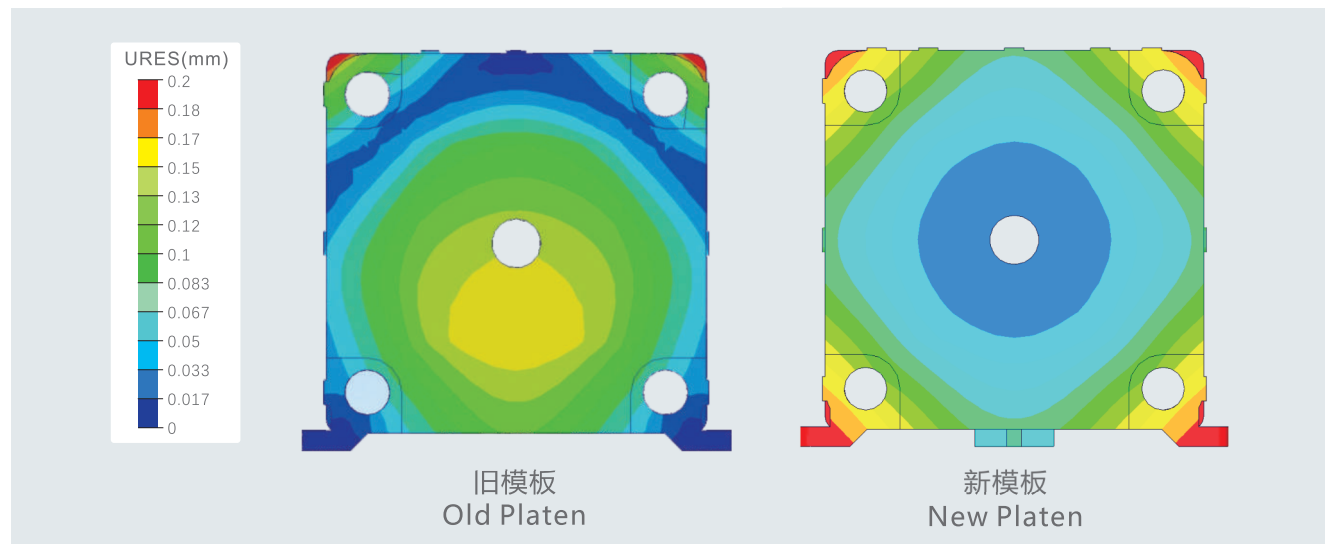
Intimate service

We use our professional knowledge to help you achieve the success. Based on the engineering design concept of equipment modular, we can produce rapidly when you need customized machines; and we also help you to solve various special engineering problems, which will bring you cost saving and technology advantages.



高刚性锁模装置

HIGH RIGIDITY CLAMPING DEVICE



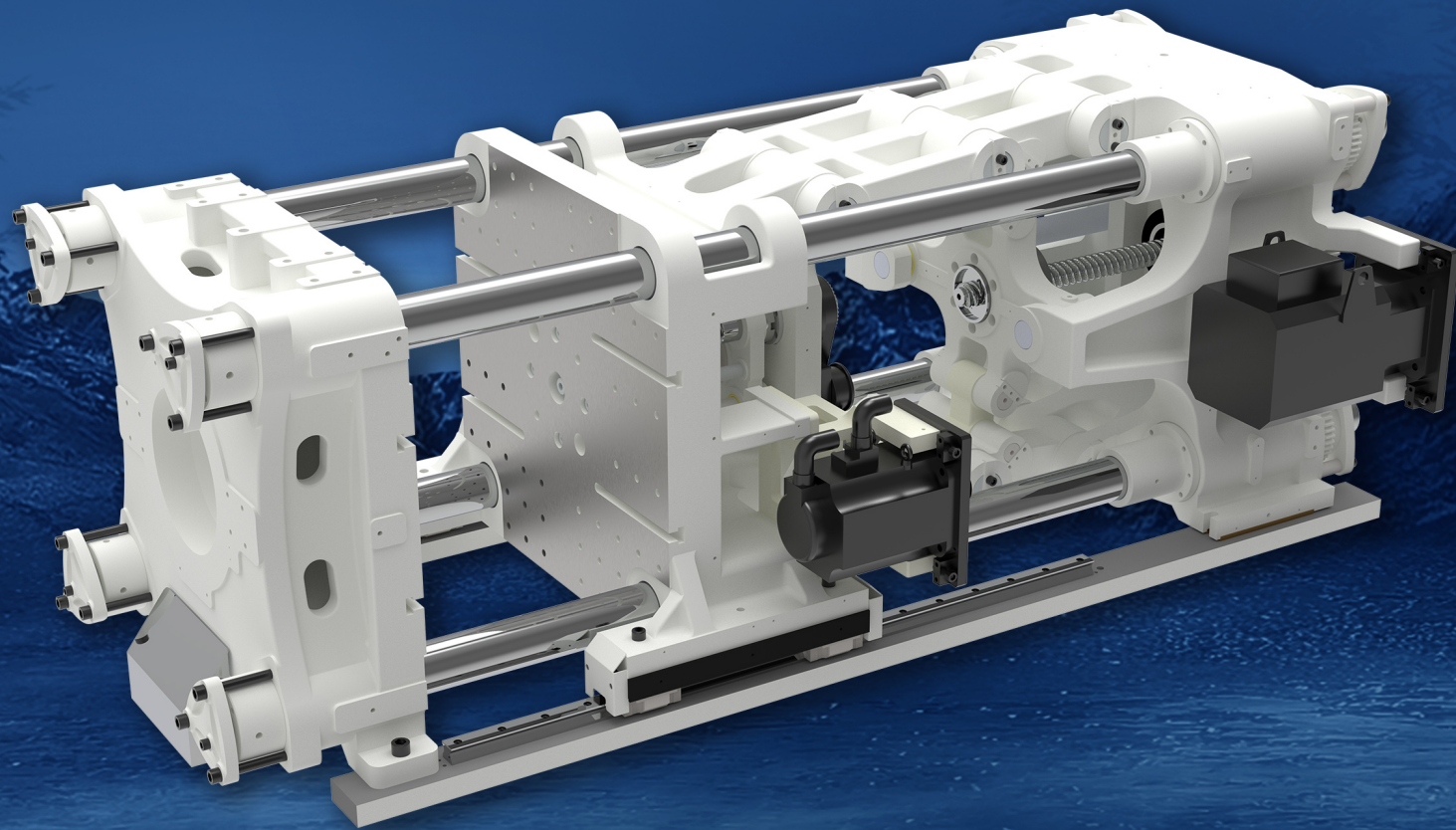
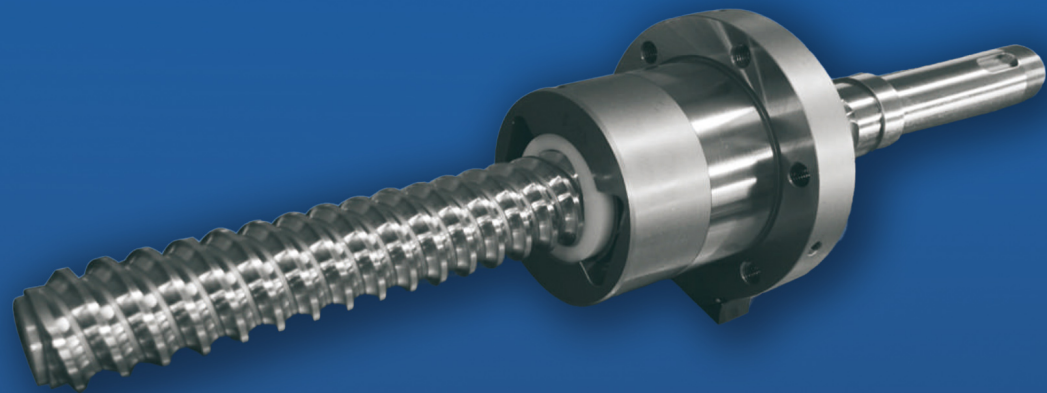
有限元分析图
Finite element analysis diagram

高安全性、高耐久性、平稳精准、短周期、低噪音

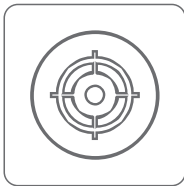
With High Safety, High Durability, Stable and Accurate, Short Cycle and Low Noise

- 经过优化的模板结构，具有更高的刚性，同时也减小了变形，模具的受力更均匀，使用寿命更长；
- 动模板采用高精度线性导轨，大幅提升模具的锁模精度，摩擦系数只有0.01；
- 在开模的全行程内，重复定位精度、控制精度误差小于 $\pm 0.02\text{mm}$ ；
- 自动调整模具厚度，误差小于 $\pm 0.14\text{mm}$ 。自动调整锁模力，误差小于3%；
- 压模时导柱变形的偏差值小于3%；
- 开合模机构选用高强度的曲臂销轴和自润滑轴承加高负荷的滚珠丝杠，减小了震动和冲击，运行更平稳、使用寿命更长
- 机铰和丝杠采用集中润滑系统，调模机构采用独立式润滑，在保证机器使用寿命、可靠运行的同时使作业环境更加干净、整洁、

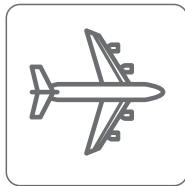
- The optimized platen structure has higher rigidity and reduced deformation. The bearing force of the mold is more uniform and has a longer lifespan;
- The moving platen adopts high precision linear guide rail to greatly improve the mold clamping accuracy, and the friction coefficient is only 0.01;
- In the full stroke of mold opening, the deviation of repeated positioning accuracy is less than $\pm 0.02\text{mm}$;
- Automatic adjustment of mold thickness, deviation is less than $\pm 0.14\text{mm}$. Automatic adjustment of clamping force, deviation is less than 3%;
- The deviation value of guide column deformation during die pressing is less than: 3%;
- The opening and closing die mechanism is composed of high-durability bending arm pin and high-load ball screw, which reduces vibration and impact. It runs more smoothly and saves energy;
- The toggle and the lead screw adopt centralized lubrication system, the mould adjusting mechanism adopts independent lubrication system, while ensuring the service life and reliable operation of the machine, the working environment is cleaner and neater.



一体式注射结构
INTEGRATED INJECTION STRUCTURE



精密
PRECISE



快速
FAST



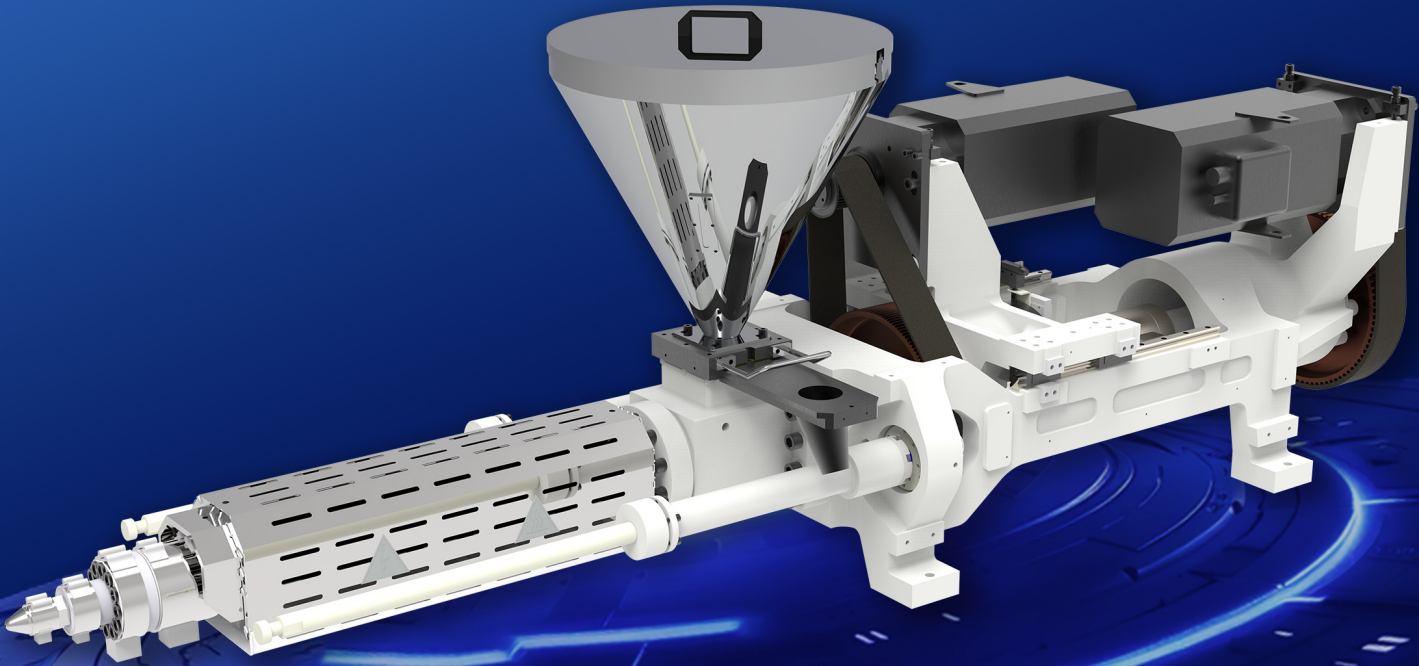
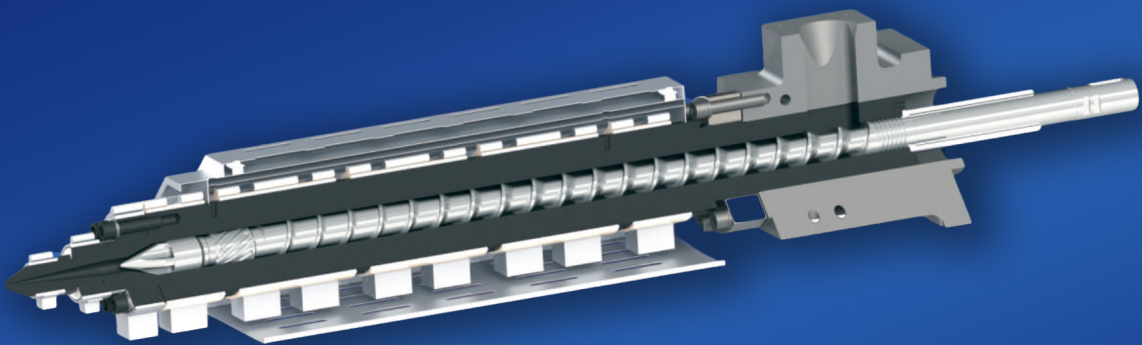
稳定
STABLE



高效
EFFICIENT

- 射移采用双拉杆结构:射胶过程中螺杆, 只承受轴向作用力, 实现了“精密、快速、稳定、高效”注射;
- 注射座采用直线导轨, 保证射台移动顺畅, 提高稳定性;
- 注射座整体设计, 各部分受力均匀且小;
- 高精度的螺杆位置控制, 误差小于 $\pm 0.01\text{mm}$;
- 模块化射台加上专用料管与不同的锁模组合, 可以满足各种产品的不同需求。

- The ejector adopts double carriage tie rod structure; In the injection process, the screw only with stands the axial force, achieving "precise, fast, stable and efficient" injection effect;
- The injection unit adopts linear guide rail to ensure smooth movement of the injection unit and improve stability;
- The overall design of the injection seat, the force of each part is uniform and small;
- High precision screw position control, deviation is less than $\pm 0.01\text{mm}$;
- The combination of modular injection unit sspecial screw and barrel and different clamping unit can meet the different requirements of various products.



高性能控制器

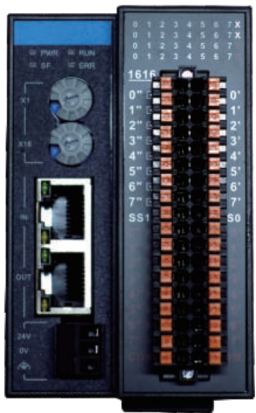
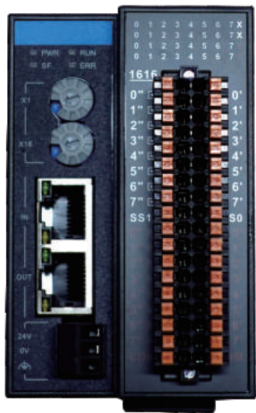
HIGH-PERFORMANCE CONTROLLERS

人机交互响应快、安全便捷

Man-machine Interaction Response Is Fast, Safe and Convenient



- 采用15寸电阻式触摸屏，内置英特尔X86高性能处理器，显控一体；
- 通过Ether CAT总线实现数据共享，能够更精准的实现注塑过程控制；
- 植入高采样实时示波器，同时显示四轴曲线，方便工艺调试，保证生产更稳定、高效；
- 可视化人机交互界面、图形化编程，支持二次编程及离线仿真；
- 采用高性能、低惯量的伺服电机，可实现快速精确的位置控制、速度控制、转矩控制；
- 应用精密可靠的23位绝对值编码器与高响应压力传感器的完美结合实现了注射过程速度和压力的闭环控制；
- 驱动系统采用共直流母线结构，模块式并排安装，节省空间，配备2组STO安全功能；
- 网络接口丰富，可拓展第三方应用功能，便于客户、产品、机器运行状况的数据统计；
- 分布式硬件结构，机器配置可灵活修改，符合工业4.0的OPC-UA通信协议，支持车间智能联网。



高性能控制器

High-performance Controllers

- 15 inch resistive touch screen, built-in Intel X86 high-performance processor, integrated display and control;
- Data sharing is realized through Ether CAT bus, which can realize the injection molding process control more accurately;
- Implant high-sampling real-time oscilloscope to display four-axis curve at the same time to facilitate process debugging and ensure more stable and efficient production;
- Visual human-machine interface, graphical programming, support secondary programming and offline simulation;
- The servo motor with high performance and low inertia can realize fast and accurate position control, speed control and torque control;
- The perfect combination of precise reliable 23-bit absolute encoder and high response pressure sensor realizes closed-loop control of injection process speed and pressure;
- The drive system adopts a common DC bus structure, modular side by side installation, saving space, equipped with 2 groups of STO security functions;
- Rich network interface, can expand third-party application functions, easy for products and machine running data statistics;
- Distributed hardware structure, machine configuration can be modified flexibly, in line with industry 4.0 OPC-UA communication protocol, support workshop intelligent networking.



关模曲线

Mold Clamping Curve



注射曲线

Injection Curve

应用和组合

APPLICATIONS AND COMBINATIONS

射台采用模块化设计，可灵活搭配，能快速适应、满足多种应用需求

The modular design of the injection unit can be flexibly matched to quickly adapt to meet the needs of a variety of applications

- 60T~450T锁模力: 9个锁模
 - B70G~B3000G:11个标准射台
 - B70K~B1320K:8个快速射台
 - Ø18~Ø95:17个料管
- 60T~450T clamping force:9 clamping units
 - B70G~B3000G:11 standard injection units
 - B70K~B1320K:8 fast injection units
 - Ø18~Ø95:17screw&barrels

料管单元 SCREW AND BARREL		锁模单元 CLAMPING UNIT							
		JT60E	JT90E	JT120E	JT160E	JT200E	JT248E	JT300E	JT360E JT450E
射台单元 MODELS UNIT	B70G/K	18 20 22							
	B120G/K	22 25 28							
	B188G/K		25 28 32 36						
	B288G/K			28 32 36 40					
	B438G/K			32 36 40 45					
	B680G/K				36 40 45 50				
	B1000G/K					45 50 55 60			
	B1320G/K						50 55 60 65		
	B1800G							55 60 65 70	
	B2250G								60 65 70 78
	B3000G								70 78 88 95

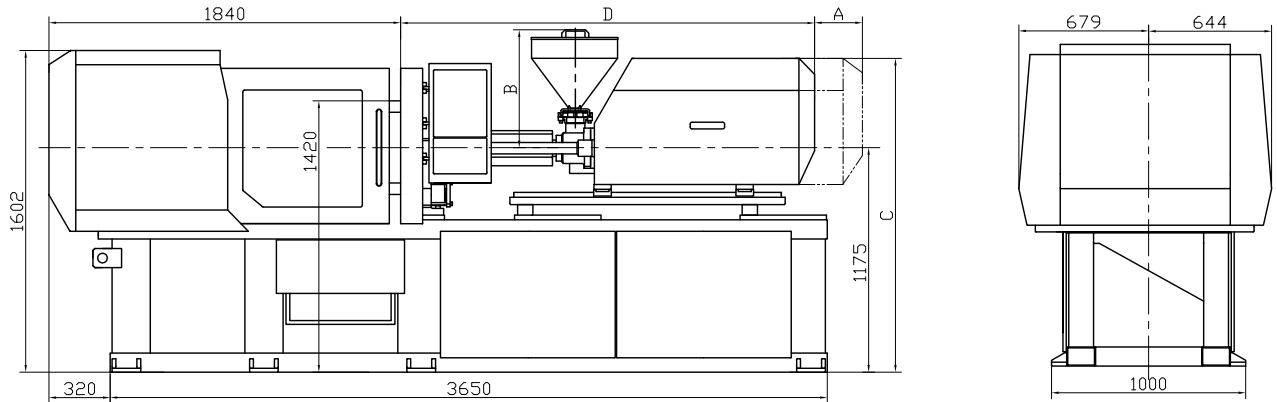
性能和配置

PERFORMANCE AND CONFIGURATION

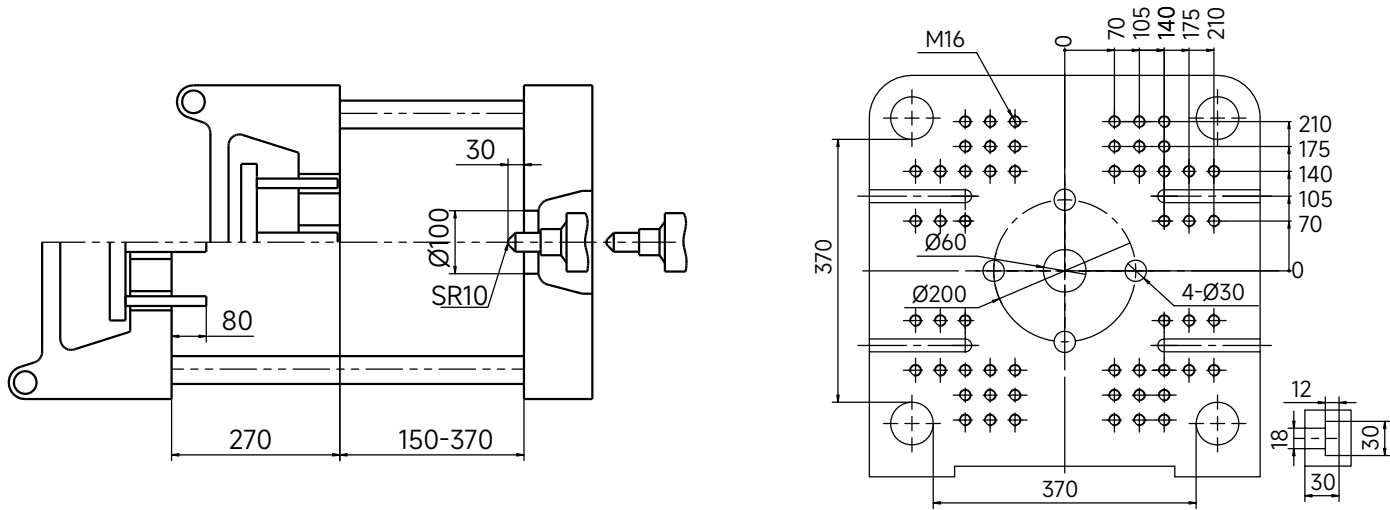
序号	锁模单元	CLAMPING UNIT
1	锁模大板及射胶大板及机铰采用QT500-7A	Platens and toggles using QT500-7A material
2	欧标18机械手安装螺纹孔	Euromap 18 robot mounting thread holes
3	机械、电气双重保护	Mechanical and electrical safety protection
4	移动模板线性导轨	Linear guide for movable platen
5	自动集中定量式润滑系统	Automatic centralized quantitative lubrication system
6	多种顶出功能可选	Multiple ejection functions are optional
7	低压模具保护功能	Low pressure mold protection
8	自动调模功能	Automatic mold thickness adjustment
9	顶出强制复位功能	Eject mandatory rest
10	免调节式机械安全锁撞杆	Mechanical safety lock
11	顶退信号确认功能	Ejector backward confirmation
序号	注射单元	INJECTION UNIT
1	射胶/射移线性导轨	Injection/carriage movement linear guide
2	全硬合金钢螺杆料筒	All hard alloy steel screw and barrel
3	下料口冷却装置	Hopper feeding port cooling device
4	料管多段PID温度控制	Multi-stage barrel PID temperature control
5	射嘴温度独立PID控制	Nozzle independent PID temperature control
6	双拉杆、恒定射嘴接触力装置	Double carriage tie rod、 constant nozzle contact force device
7	螺杆防冷启动功能	Anti-cold start screw protection
8	自动清料功能	Automatic purge function
9	熔胶前、后松退可选	Screw back and front movable before and after charging
10	螺杆转速检测	Screw speed detection
序号	电控单元	POWER UNIT
1	料筒加热强制保护	Barrel heating protection
2	输入、输出监视画面	Input/output monitor
3	自动保温及自动加热设定功能	Automatic insulation and automatic heating setting
4	多种射胶转保压方式	A variety of injection molding to holding pressure
5	15寸触摸屏	15 inch touch screen
6	可扩展RS485通信网口及EtherNet通讯网口 支持智能联网	Expandable RS485 and EtherNet communication ports Support intelligent networking
7	大容量工艺参数存储空间，USB存储接口	Large storage , USB port
8	公英制操作切换	Metric/imperial system switch options
9	前后安全门急停开关保护	Front and rear safety door emergency stop switches
10	质量数据过程控制界面	Quality data process control interface
11	生产统计过程控制（SPC）实时列表界面	Statistical production live control listing
12	预留中子、抽芯等多种接口（有软件，无硬件）	Reserve core,core pull back protection multi-functions (software only, no hardware)
13	多组三相插座，一组单项插座	Multiple three-phase outlets, one single outlet
14	热流道模具针阀控制	Mold hot runner pin valve control
15	锁模、顶出同步熔胶功能	Mold clamping and ejecting synchronous charging function
16	自定义机械手接口	Customized mechanical hand interface
17	欧标12机械手电气接口(选配)	Euromap 12 robot interface
18	三色报警灯	Three-color alarm light
19	国标功能	National standard function
序号	其它部分	GENERAL
1	中文说明书	Chinese Instruction Manual
2	可调整避震脚	Adjustable Leval pad
3	工具箱及常用工具一套，润滑脂一桶（700ml）	1 set of tools, a bucket of grease(700ml)
4	码模夹（朱氏）	Mold clamp (the ZHUS)
5	射嘴专用扳手	Special wrench of nozzle

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 techcal parameters, configuration of some parts and service's items without further notice.

外观尺寸 MACHINE DIMENSIONS



模板尺寸 PLATEN DIMENSIONS

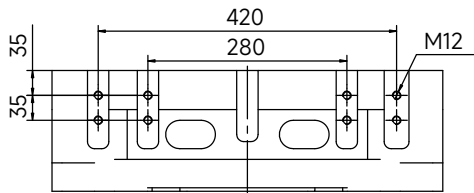
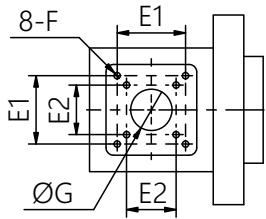


其它尺寸 OTHERS DIMENSIONS

料斗安装尺寸
Hopper Mounting Dimension

机械手安装尺寸

Robot Top View Fixed Platen

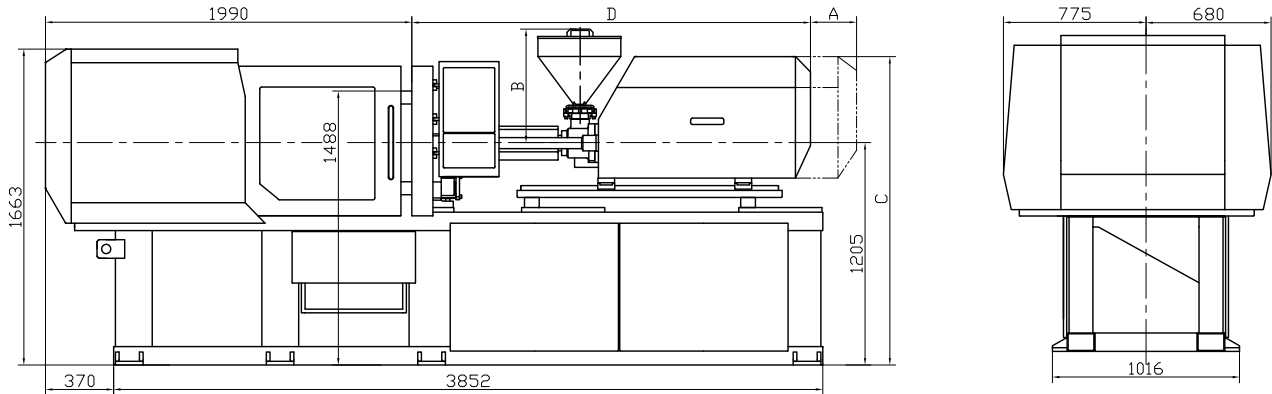


备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

锁模单元 CLAMPING UNIT	锁模力	Clamping force	kN	900									
	开模行程	Clamping stroke	mm	320									
	容模量(最薄-最厚)	Mold thickness(min-max)	mm	150-410									
	模板最大开距	Max. daylight	mm	730									
	拉杆间距(HxV)	Spece between bars	mm	420x420									
	模板尺寸(HxV)	Platen size	mm	620x620									
	最小模具(HxV)	Min.mold	mm	270x270									
	定位环直径	Diameter of locating ring	mm	100									
	顶出行程	Ejector stroke	mm	80									
	顶针杆数	No. of ejector pins	pcs	5									
顶出力	Ejector force	kN	19.6										
注射单元 INJECTION UNIT	注射单元型号	INJECTION UNIT		B70G/B70K			B120G/B120K			B188G/B188K			
				A	B	C	A	B	C	A	B	C	D
	螺杆直径	Screw diameter	mm	18	20	22	22	25	28	25	28	32	36
	理论注射容积	Shot volume	cm³	22	27	33	42	54	68	59	74	96	122
	实际注射量(PS)	Actual injection volume(PS)	g	20	24	29	37	48	60	52	66	86	109
	螺杆长径比	Screw L/D ratio	L/D	21	22	22	22	20	20.5	20	20.5	20.2	20.4
	注射行程	Injection stroke	mm	85			110			120			
	注射当量	Injection equivalent	/	71			119			195			
	塑化能力(PS)	Shot weight(PS)	g/s	3.1	4.1	5.3	5.3	8.1	11.4	8.1	11.4	16.6	23.1
	螺杆转速	Screw speed	rpm	0-400			0-400			0-400			
	喷嘴接触力	Nozzle pressing force	kN	9.8			9.8			14.7			
	喷嘴进入量	Nozzle ingress amount	mm	50			50			50			
	加热功率	Heater power	kW	2.97	3.27	3.6	3.6	3.6	5.26	3.6	5.26	6.16	7.42
	注射单元(G)	INJECTION UNIT(G)		B70G			B120G			B188G			
	注射压力	Injection pressure	MPa	326	264	219	285	221	176	332	265	203	160
	保压压力	Holding pressure	MPa	261	212	175	228	177	141	266	212	162	128
	注射速率	Injection rate	cm³/s	51	63	76	76	98	123	98	123	161	204
	注射速度	Injection speed	mm/s	200			200			200			
	电机功率	Motor power	kW	7.3+4.4			10.5+6.7			15.7+13.4			
	注射单元(K)	INJECTION UNIT(K)		B70K			B120K			B188K			
	注射压力	Injection pressure	MPa	/	270	223	325	252	201	309	246	188	/
	保压压力	Holding pressure	MPa	/	216	178	260	201	161	247	197	151	/
	注射速率	Injection rate	cm³/s	/	94	114	114	147	185	147	185	241	/
	注射速度	Injection speed	mm/s	300			300			300			
	电机功率	Motor power	kW	10.5+4.4			15.7+6.7			19.3+13.4			
	其它 OTHERS	机器尺寸(L)	Machine size(L)	m	4.22			4.22			4.23		
机器尺寸(W)		Machine size(W)	m	1.4			1.4			1.4			
机器尺寸(H)		Machine size(H)	m	1.66			1.66			1.66			
机器重量		Machine weight	t	3.6			3.8			4.5			

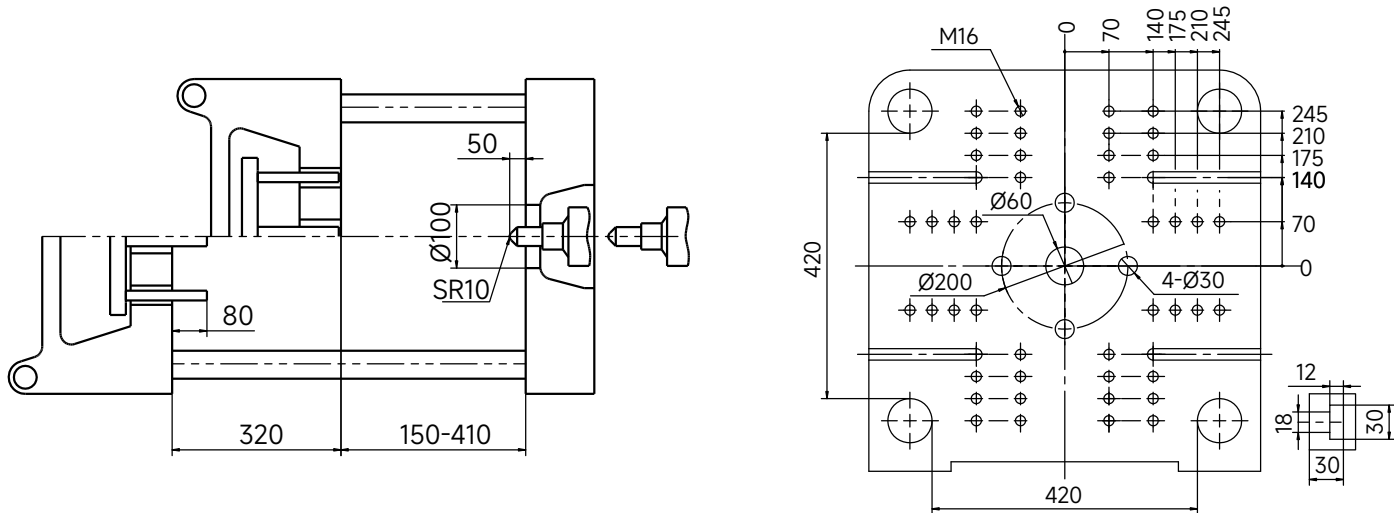
备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change techcal parameters, configuration of some parts and service's items without further notice.

外观尺寸 MACHINE DIMENSIONS



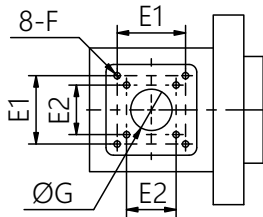
	A	B	C	D	E1/E2	F	G
B70G/B70K	240	724	1675	1900	120/95	M12	72
B120G/B120K	240	724	1675	2031	120/95	M12	72
B188G/B188K	240	724	1700	2247	120/95	M12	72

模板尺寸 PLATEN DIMENSIONS

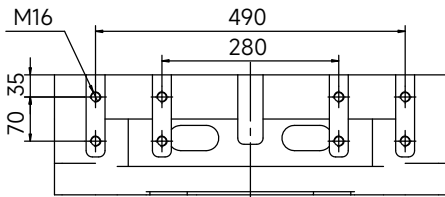


其它尺寸 OTHERS DIMENSIONS

料斗安装尺寸
Hopper Mounting Dimension



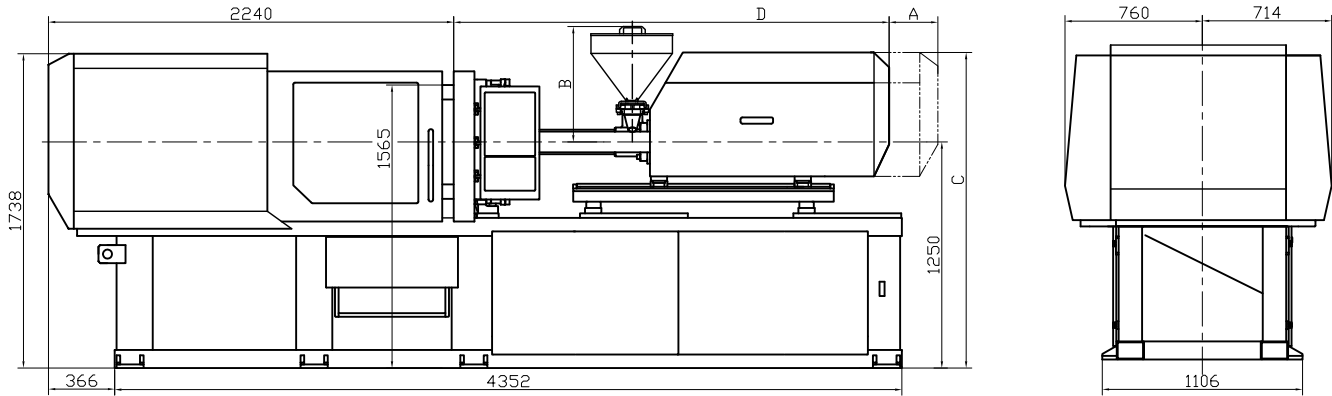
机械手安装尺寸
Robot Top View Fixed Platen



锁模单元 CLAMPING UNIT	锁模力	Clamping force	kN	1200											
	开模行程	Clamping stroke	mm	360											
	容模量(最薄-最厚)	Mold thickness(min-max)	mm	150-480											
	模板最大开距	Max. daylight	mm	840											
	拉杆间距(HxV)	Spece between bars	mm	470x470											
	模板尺寸(HxV)	Platen size	mm	690x690											
	最小模具(HxV)	Min.mold	mm	305x305											
	定位环直径	Diameter of locating ring	mm	100											
	顶出行程	Ejector stroke	mm	100											
	顶针杆数	No. of ejector pins	pcs	5											
注射单元 INJECTION UNIT	顶出力	Ejector force	kN	29.4											
	注射单元型号	INJECTION UNIT		B188G/B188K				B288G/B288K				B438G/B438K			
				A	B	C	D	A	B	C	D	A	B	C	D
	螺杆直径	Screw diameter	mm	25	28	32	36	28	32	36	40	32	36	40	45
	理论注射容积	Shot volume	cm³	59	74	96	122	89	117	148	182	141	178	220	278
	实际注射量(PS)	Actual injection volume(PS)	g	52	66	86	109	79	104	131	162	125	158	196	248
	螺杆长径比	Screw L/D ratio	L/D	20	20.5	20.2	20.4	20.5	20.2	20.4	21	20.2	20.4	21	20
	注射行程	Injection stroke	mm	120				145				175			
	注射当量	Injection equivalent	/	195				289				437			
	塑化能力(PS)	Shot weight(PS)	g/s	8.1	11.4	16.6	23.1	11.4	16.6	23.1	30.1	16.6	23.1	30.1	40.7
注射单元(G)	螺杆转速	Screw speed	rpm	0-400				0-400				0-400			
	喷嘴接触力	Nozzle pressing force	kN	14.7				19.6				24.5			
	喷嘴进入量	Nozzle ingress amount	mm	50				50				50			
	加热功率	Heater power	kW	3.6	5.26	6.16	7.42	5.26	6.16	7.42	8.72	6.16	7.42	8.72	10.06
	注射单元(G)	INJECTION UNIT(G)		B188G				B288G				B438G			
	注射压力	Injection pressure	MPa	332	265	203	160	324	248	196	159	310	245	199	157
	保压压力	Holding pressure	MPa	266	212	162	128	259	198	157	127	248	196	159	127
	注射速率	Injection rate	cm³/s	98	123	161	204	123	161	204	251	161	204	251	318
	注射速度	Injection speed	mm/s	200				200				200			
	电机功率	Motor power	kW	15.7+13.4				19.3+13.4				24.1+16.4			
注射单元(K)	注射单元(K)	INJECTION UNIT(K)		B188K				B288K				B438K			
	注射压力	Injection pressure	MPa	309	246	188	/	327	250	198	/	327	258	209	/
	保压压力	Holding pressure	MPa	247	197	151	/	262	200	158	/	261	206	167	/
	注射速率	Injection rate	cm³/s	147	185	241	/	185	241	305	/	241	305	377	/
	注射速度	Injection speed	mm/s	300				300				300			
	电机功率	Motor power	kW	19.3+13.4				24.1+13.4				34.7+16.4			
其它OTHERS	机器尺寸(L)	Machine size(L)	m	4.76				4.76				5			
	机器尺寸(W)	Machine size(W)	m	1.47				1.47				1.47			
	机器尺寸(H)	Machine size(H)	m	1.74				1.74				1.74			
	机器重量	Machine weight	t	4.8				5				5.2			

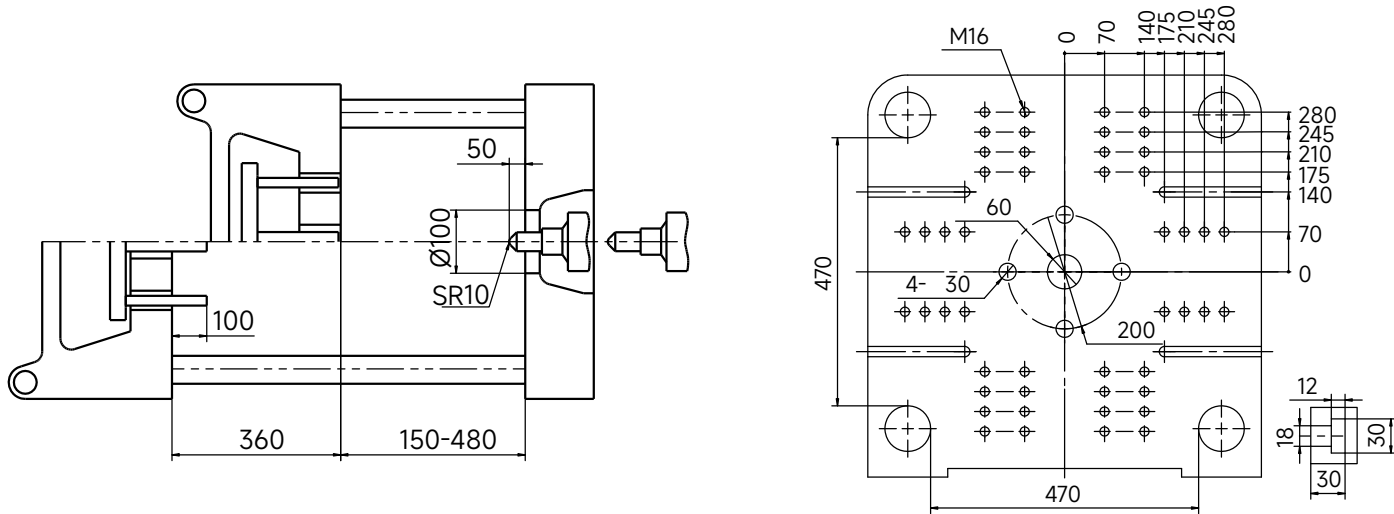
备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change techcal parameters, configuration of some parts and service's items without further notice.

外观尺寸 MACHINE DIMENSIONS



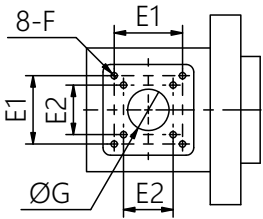
	A	B	C	D	E1/E2	F	G
B188G/B188K	275	724	1745	2247	120/95	M12	72
B288G/B288K	275	724	1745	2471	120/95	M12	72
B438G/B438K	275	833	1808	2762	120/95	M12	72

模板尺寸 PLATEN DIMENSIONS

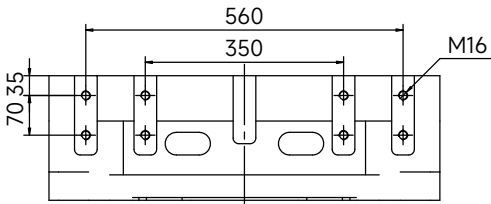


其它尺寸 OTHERS DIMENSIONS

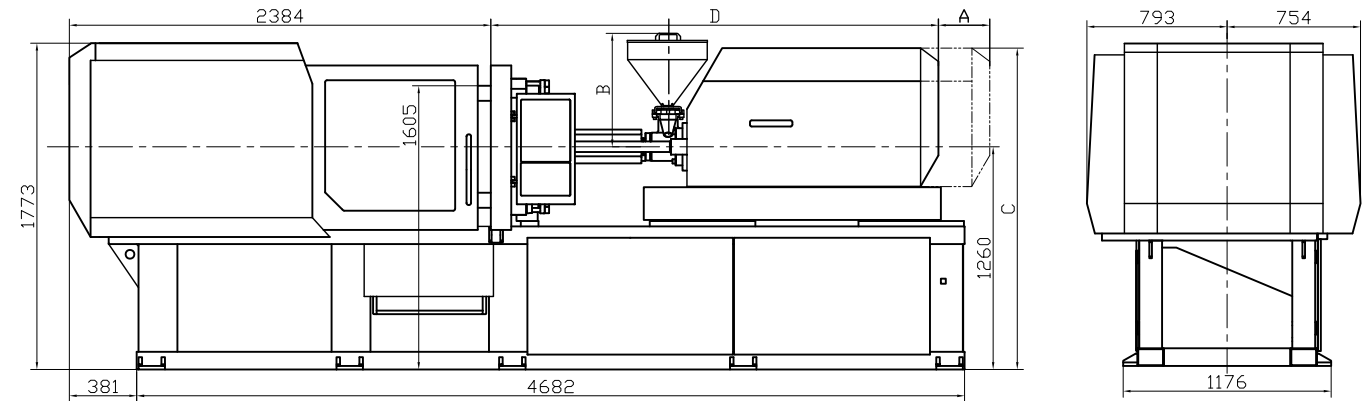
料斗安装尺寸
Hopper Mounting Dimension



机械手安装尺寸
Robot Top View Fixed Platen

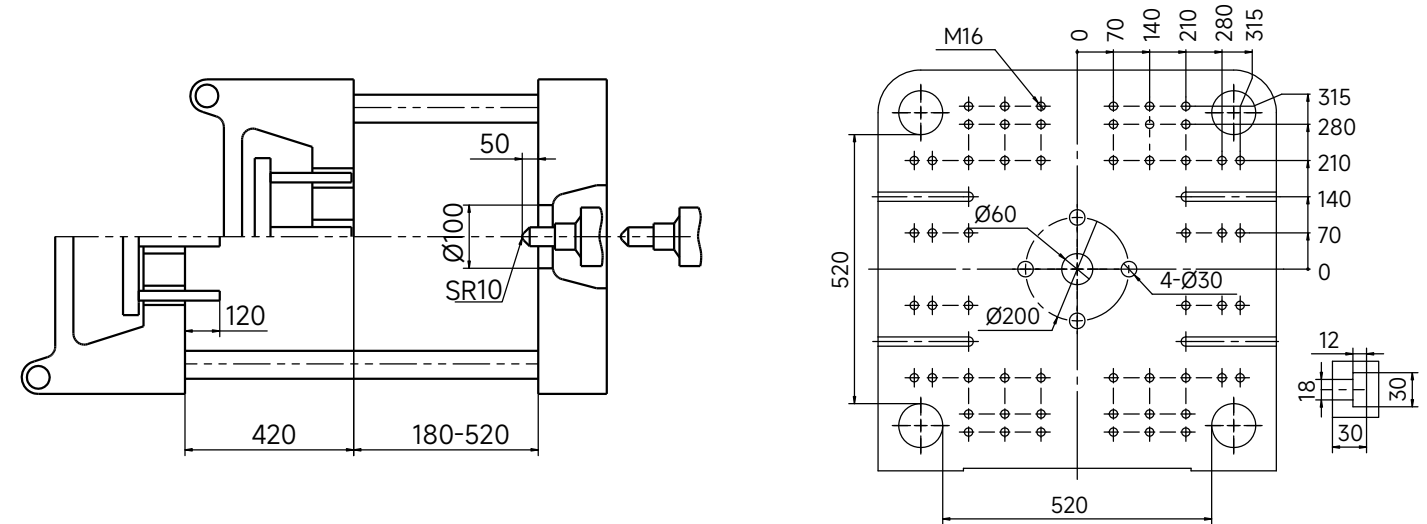


外观尺寸 MACHINE DIMENSIONS



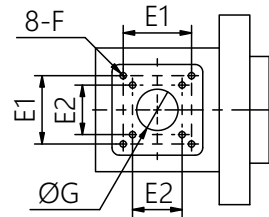
	A	B	C	D	E1/E2	F	G
B288G/B288K	290	724	1745	2471	120/95	M12	72
B438G/B438K	290	833	2194	2762	120/95	M12	72
B680G/B680K	290	833	2194	2975	120/95	M12	72

模板尺寸 PLATEN DIMENSIONS

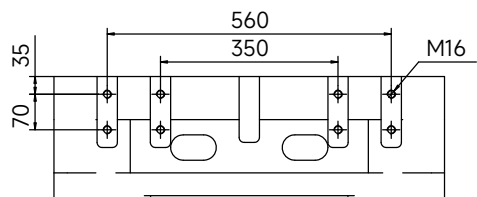


其它尺寸 OTHERS DIMENSIONS

料斗安装尺寸
Hopper Mounting Dimension



机械手安装尺寸
Robot Top View Fixed Platen

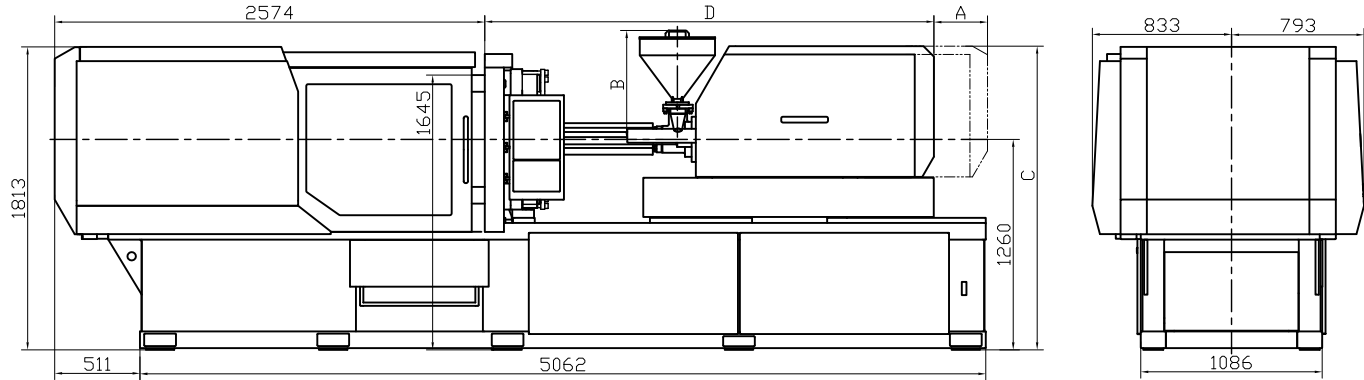


备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

锁模单元 CLAMPING UNIT	锁模力	Clamping force	kN	2000											
	开模行程	Clamping stroke	mm	470											
	容模量(最薄-最厚)	Mold thickness(min-max)	mm	200-550											
	模板最大开距	Max. daylight	mm	1020											
	拉杆间距(HxV)	Spece between bars	mm	570x570											
	模板尺寸(HxV)	Platen size	mm	840x840											
	最小模具(HxV)	Min.mold	mm	370x370											
	定位环直径	Diameter of locating ring	mm	120											
	顶出行程	Ejector stroke	mm	150											
	顶针杆数	No. of ejector pins	pcs	9											
顶出力	Ejector force	kN	44.1												
注射单元 INJECTION UNIT	注射单元型号	INJECTION UNIT													
			B438G/B438K				B680G/B680K				B1000G/B1000K				
			A	B	C	D	A	B	C	D	A	B	C		
	螺杆直径	Screw diameter	mm	32	36	40	45	36	40	45	50	45	50	55	
	理论注射容积	Shot volume	cm³	141	178	220	278	214	264	334	412	389	481	582	
	实际注射量(PS)	Actual injection volume(PS)	g	125	158	196	248	190	235	297	367	347	428	518	
	螺杆长径比	Screw L/D ratio	L/D	20.2	20.4	21	20	20.4	21	20	21	20	21	21	
	注射行程	Injection stroke	mm	175				210				245			
	注射当量	Injection equivalent	/	437				686				1028			
	塑化能力(PS)	Shot weight(PS)	g/s	16.6	23.1	30.1	40.7	23.1	30.1	40.7	52.7	35.6	46.1	60	
	螺杆转速	Screw speed	rpm	0-400				0-400				0-350			
	喷嘴接触力	Nozzle pressing force	kN	24.5				29.4				29.4			
	喷嘴进入量	Nozzle ingress amount	mm	50				50				50			
	加热功率	Heater power	kW	6.16	7.42	8.72	10.06	7.42	8.72	10.06	12.06	10.06	12.06	16.13	
	注射单元(G)	INJECTION UNIT(G)													
	注射压力	Injection pressure	MPa	310	245	199	157	321	260	206	166	264	214	177	
	保压压力	Holding pressure	MPa	248	196	159	127	257	208	164	133	211	171	142	
	注射速率	Injection rate	cm³/s	161	204	251	318	204	251	318	393	318	393	475	
	注射速度	Injection speed	mm/s	200				200				200			
	电机功率	Motor power	kW	24.1+16.4				31.4+20.5				40+26.7			
	注射单元(K)	INJECTION UNIT(K)													
	注射压力	Injection pressure	MPa	327	258	209	/	330	267	211	171	260	210	174	
	保压压力	Holding pressure	MPa	261	206	167	/	264	214	169	137	208	168	139	
	注射速率	Injection rate	cm³/s	241	305	377	/	305	377	477	589	477	589	712	
	注射速度	Injection speed	mm/s	300				300				300			
	电机功率	Motor power	kW	34.7+16.4				48.2+20.5				52.9+26.7			
其它 OTHERS	机器尺寸(L)	Machine size(L)	m	5.57				5.57				5.87			
	机器尺寸(W)	Machine size(W)	m	1.63				1.63				1.63			
	机器尺寸(H)	Machine size(H)	m	1.81				1.81				1.81			
	机器重量	Machine weight	t	7.5				7.7				8.2			

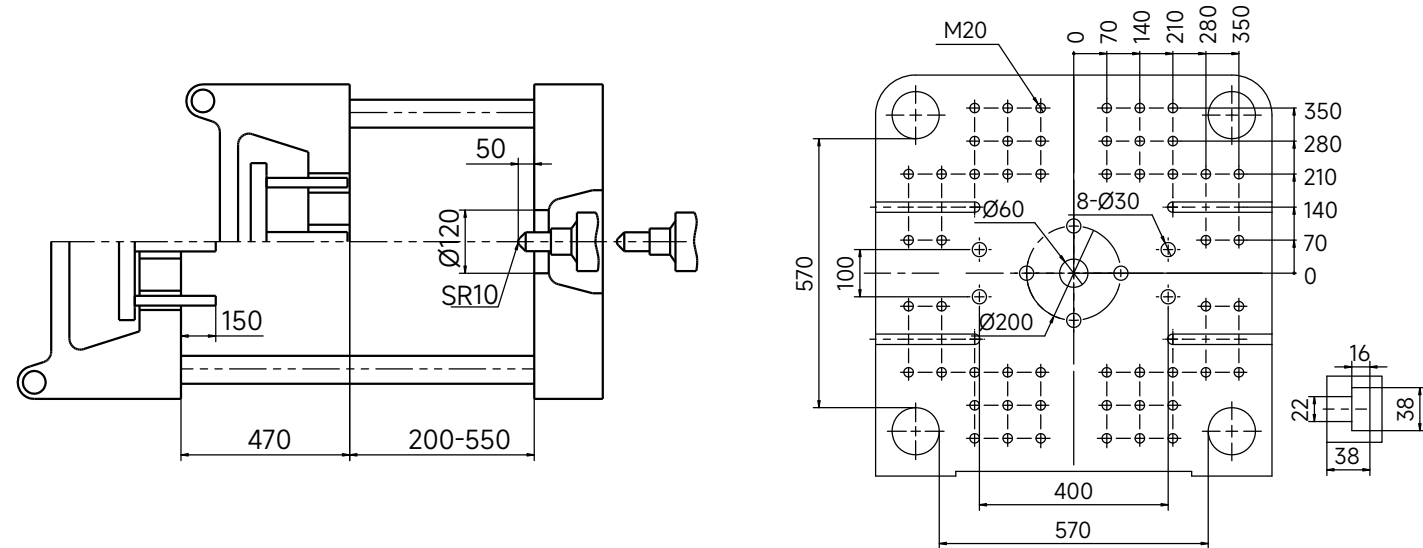
备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change techcal parameters, configuration of some parts and service's items without further notice.

外观尺寸 MACHINE DIMENSIONS



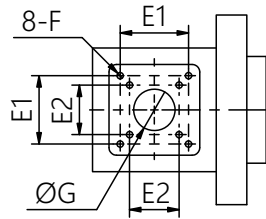
	A	B	C	D	E1/E2	F	G
B438G/B438K	315	833	1818	2762	120/95	M12	72
B680G/B680K	315	833	1818	2975	120/95	M12	72
B1000G/B1000K	415	833	1858	3297	120/95	M12	72

模板尺寸 PLATEN DIMENSIONS

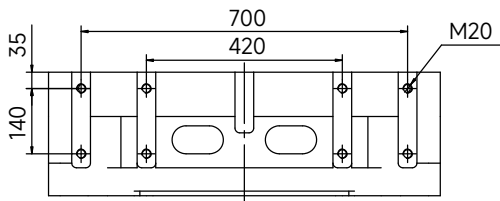


其它尺寸 OTHERS DIMENSIONS

料斗安装尺寸
Hopper Mounting Dimension



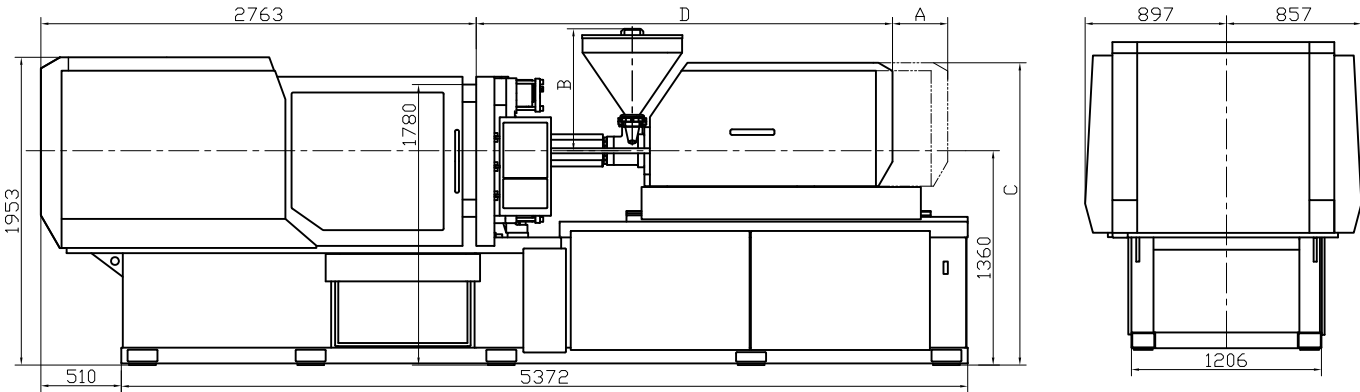
机械手安装尺寸
Robot Top View Fixed Platen



锁模单元 CLAMPING UNIT	锁模力	Clamping force	kN	2480						
	开模行程	Clamping stroke	mm	550						
	容模量(最薄-最厚)	Mold thickness(min-max)	mm	220-600						
	模板最大开距	Max. daylight	mm	1150						
	拉杆间距(HxV)	Spece between bars	mm	620x620						
	模板尺寸(HxV)	Platen size	mm	930x930						
	最小模具(HxV)	Min.mold	mm	400x400						
	定位环直径	Diameter of locating ring	mm	120						
	顶出行程	Ejector stroke	mm	150						
	顶针杆数	No. of ejector pins	pcs	13						
注射单元 INJECTION UNIT	顶出力	Ejector force	kN	49						
	注射单元型号	INJECTION UNIT		B680G/B680K		B1000G/B1000K		B1320G/B1320K		
				A	B	C	D	A	B	C
	螺杆直径	Screw diameter	mm	36	40	45	50	45	50	55
	理论注射容积	Shot volume	cm³	214	264	334	412	389	481	582
	实际注射量(PS)	Actual injection volume(PS)	g	190	235	297	367	347	428	518
	螺杆长径比	Screw L/D ratio	L/D	20.4	21	20	21	20	21	21
	注射行程	Injection stroke	mm	210			245			280
	注射当量	Injection equivalent	/	686			1028			1322
	塑化能力(PS)	Shot weight(PS)	g/s	23.1	30.1	40.7	52.7	35.6	46.1	60
	螺杆转速	Screw speed	rpm	0-400			0-350			0-350
	喷嘴接触力	Nozzle pressing force	kN	29.4			29.4			54
	喷嘴进入量	Nozzle ingress amount	mm	50			50			50
	加热功率	Heater power	kW	7.42	8.72	10.06	12.06	10.06	12.06	16.13
	注射单元(G)	INJECTION UNIT(G)		B680G		B1000G		B1320G		
	注射压力	Injection pressure	MPa	321	260	206	166	264	214	177
	保压压力	Holding pressure	MPa	257	208	164	133	211	171	142
	注射速率	Injection rate	cm³/s	204	251	318	393	318	393	475
	注射速度	Injection speed	mm/s	200			200			200
其它OTHERS	电机功率	Motor power	kW	31.4+20.5			40+26.7			45.3+30.2
	注射单元(K)	INJECTION UNIT(K)		B680K		B1000K		B1320K		
	注射压力	Injection pressure	MPa	330	267	211	171	260	210	174
	保压压力	Holding pressure	MPa	264	214	169	137	208	168	139
	注射速率	Injection rate	cm³/s	305	377	477	589	477	589	712
	注射速度	Injection speed	mm/s	300			300			250
	电机功率	Motor power	kW	48.2+20.5			52.9+26.7			52.9+30.2
	机器尺寸(L)	Machine size(L)	m	5.88			6.06			6.39
	机器尺寸(W)	Machine size(W)	m	1.75			1.75			1.75
	机器尺寸(H)	Machine size(H)	m	1.95			1.95			1.95
	机器重量	Machine weight	t	9.7			10.6			11.1

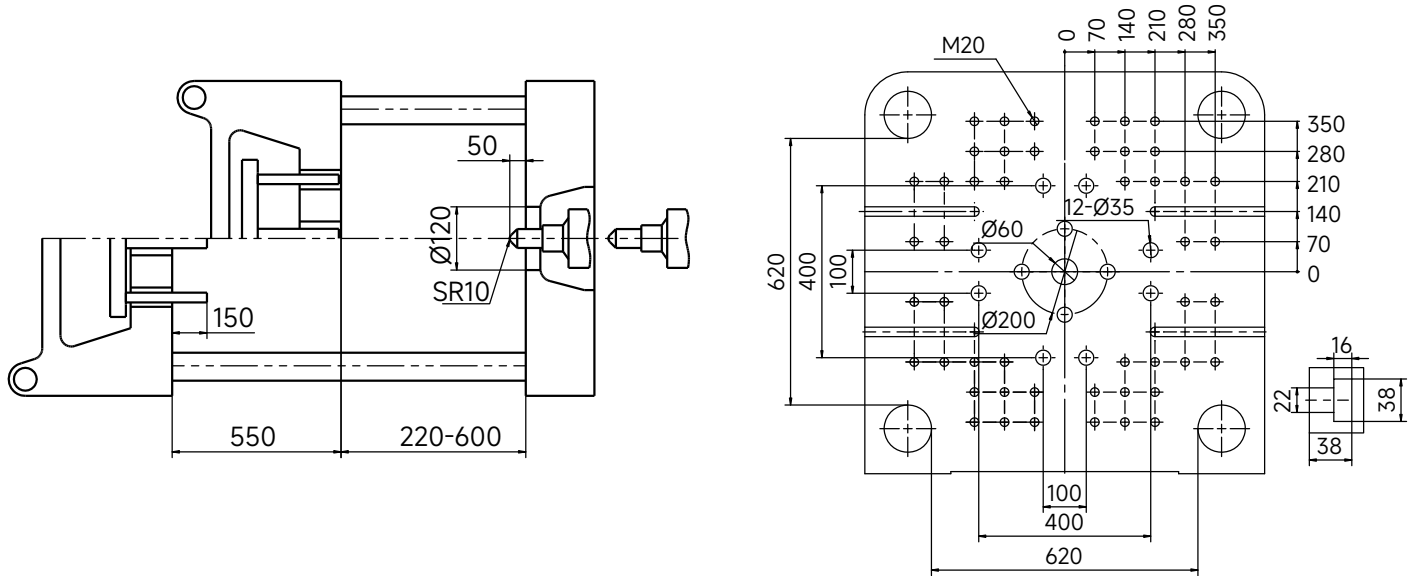
备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change techcal parameters, configuration of some parts and service's items without further notice.

外观尺寸 MACHINE DIMENSIONS



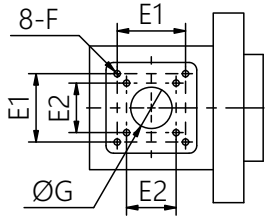
	A	B	C	D	E1/E2	F	G
B680G/B680K	315	833	1918	2975	120/95	M12	72
B1000G/B1000K	465	833	1958	3297	120/95	M12	72
B1320G/B1320K	465	853	1780	3628	120/95	M12	72

模板尺寸 PLATEN DIMENSIONS

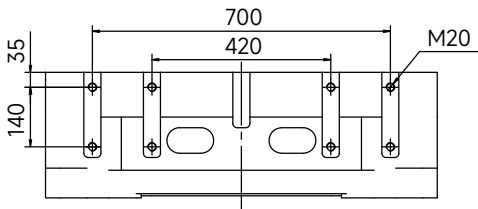


其它尺寸 OTHERS DIMENSIONS

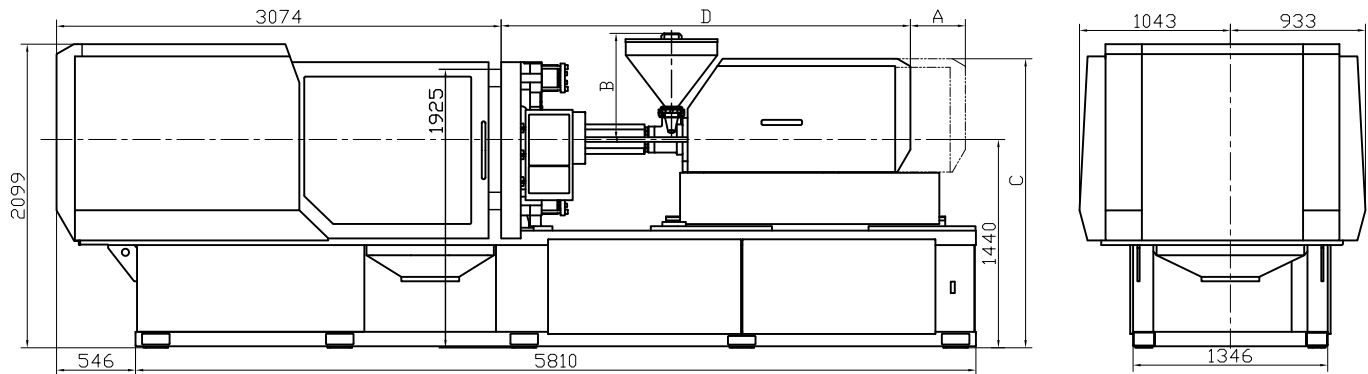
料斗安装尺寸
Hopper Mounting Dimension



机械手安装尺寸
Robot Top View Fixed Platen

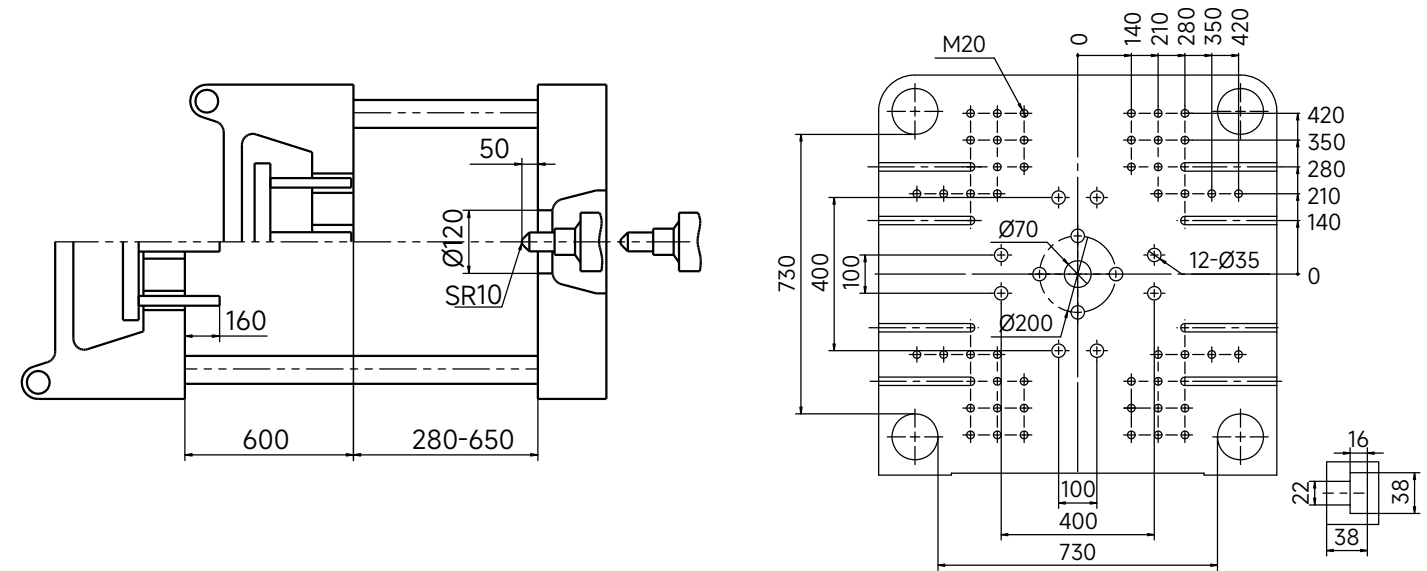


外观尺寸 MACHINE DIMENSIONS



	A	B	C	D	E1/E2	F	G
B1000G/B1000K	415	805	2038	3297	120/95	M12	72
B1320G/B1320K	465	853	1860	3628	120/95	M12	72
B1800G	465	853	1860	3874	120/95	M12	72

模板尺寸 PLATEN DIMENSIONS

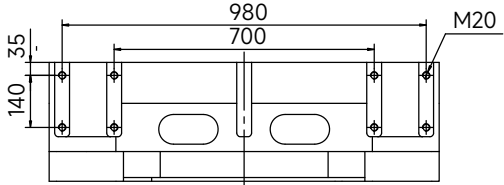
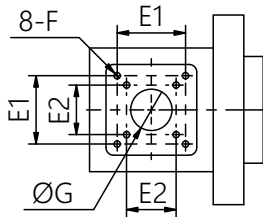


其它尺寸 OTHERS DIMENSIONS



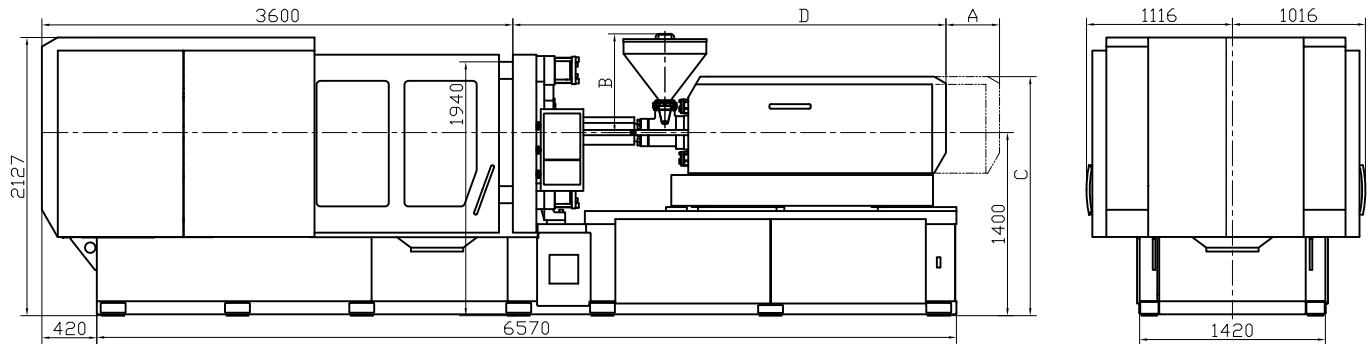
机械手安装尺寸

Robot Top View Fixed Platen

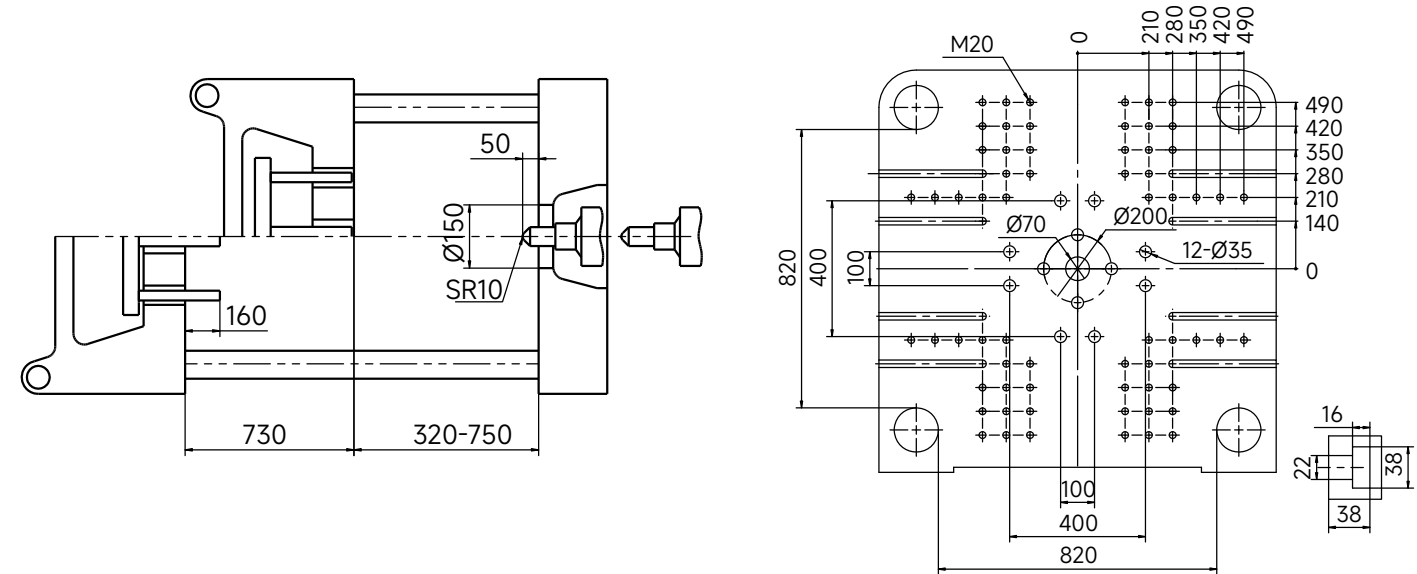


备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

外观尺寸 MACHINE DIMENSIONS

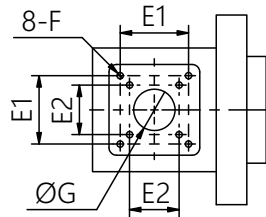


模板尺寸 PLATEN DIMENSIONS

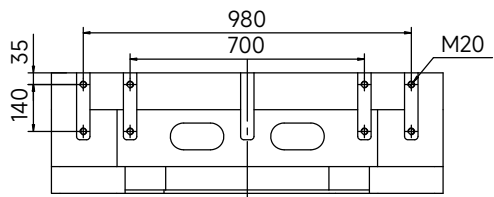


其它尺寸 OTHERS DIMENSIONS

料斗安装尺寸
Hopper Mounting Dimension



机械手安装尺寸
Robot Top View Fixed Platen

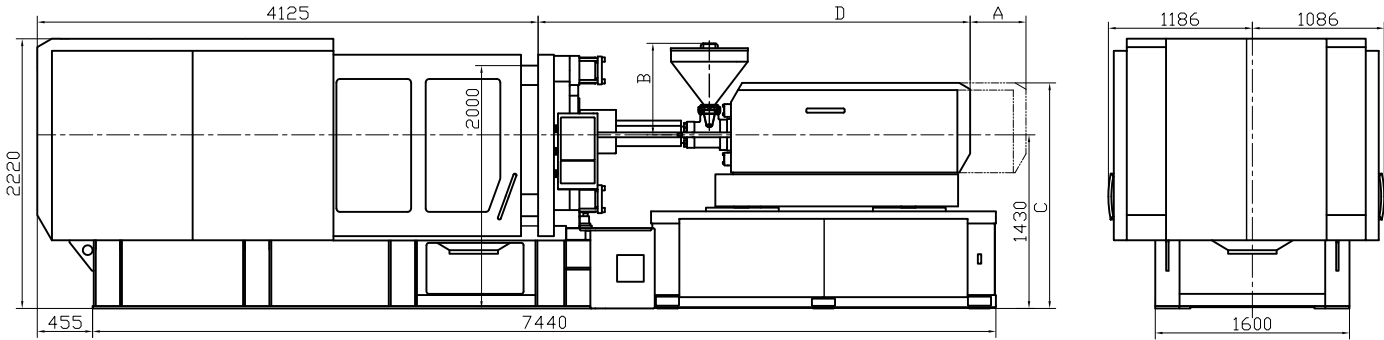


备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

锁模单元 CLAMPING UNIT	锁模力	Clamping force	kN	4500											
	开模行程	Clamping stroke	mm	830											
	容模量(最薄-最厚)	Mold thickness(min-max)	mm	350-830											
	模板最大开距	Max. daylight	mm	1660											
	拉杆间距(HxV)	Spece between bars	mm	920x920											
	模板尺寸(HxV)	Platen size	mm	1300x1300											
	最小模具(HxV)	Min.mold	mm	600x600											
	定位环直径	Diameter of locating ring	mm	150											
	顶出行程	Ejector stroke	mm	200											
	顶针杆数	No. of ejector pins	pcs	17											
注射单元 INJECTION UNIT	顶出力	Ejector force	kN	98											
	注射单元型号	INJECTION UNIT		B1800G				B2250G				B3000G			
				A	B	C	D	A	B	C	D	A	B	C	D
	螺杆直径	Screw diameter	mm	55	60	65	70	60	65	70	78	70	78	88	95
	理论注射容积	Shot volume	cm³	760	904	1061	1231	961	1128	1308	1624	1385	1719	2188	2550
	实际注射量(PS)	Actual injection volume(PS)	g	676	805	945	1095	855	1004	1164	1445	1232	1530	1948	2270
	螺杆长径比	Screw L/D ratio	L/D	21	21	21	19.5	21	21	21	18.8	21	21	19	17.2
	注射行程	Injection stroke	mm	320				340				360			
	注射当量	Injection equivalent	/	1778				2239				3033			
	塑化能力(PS)	Shot weight(PS)	g/s	56.3	67	78.3	93.3	67	78.3	93	115	56.3	67	78.3	110
	螺杆转速	Screw speed	rpm	0-350				0-350				0-200			
	喷嘴接触力	Nozzle pressing force	kN	63				63				98			
	喷嘴进入量	Nozzle ingress amount	mm	50				50				50			
	加热功率	Heater power	kW	16.13	-	-	-	-	-	-	-	-	-	-	-
	注射单元(G)	INJECTION UNIT(G)		B1800G				B2250G				B3000G			
	注射压力	Injection pressure	MPa	234	197	168	145	233	199	171	138	219	176	139	118
	保压压力	Holding pressure	MPa	187	157	134	116	186	159	137	110	175	141	111	95
	注射速率	Injection rate	cm³/s	475	565	663	769	565	663	769	955	769	955	1216	1417
	注射速度	Injection speed	mm/s	200				200				200			
	电机功率	Motor power	kW	52.9+40.9				2x31.4+50.7				2x40+60.5			
其它 OTHERS	注射单元(K)	INJECTION UNIT(K)		-				-				-			
	注射压力	Injection pressure	MPa	/	/	/	/	/	/	/	/	/	/	/	/
	保压压力	Holding pressure	MPa	/	/	/	/	/	/	/	/	/	/	/	/
	注射速率	Injection rate	cm³/s	/	/	/	/	/	/	/	/	/	/	/	/
	注射速度	Injection speed	mm/s	-				-				-			
	电机功率	Motor power	kW	-				-				-			
	机器尺寸(L)	Machine size(L)	m	7.93				8.25				8.47			
其它 OTHERS	机器尺寸(W)	Machine size(W)	m	2.27				2.27				2.27			
	机器尺寸(H)	Machine size(H)	m	2.22				2.22				2.22			
	机器重量	Machine weight	t	22.5				23				23.5			

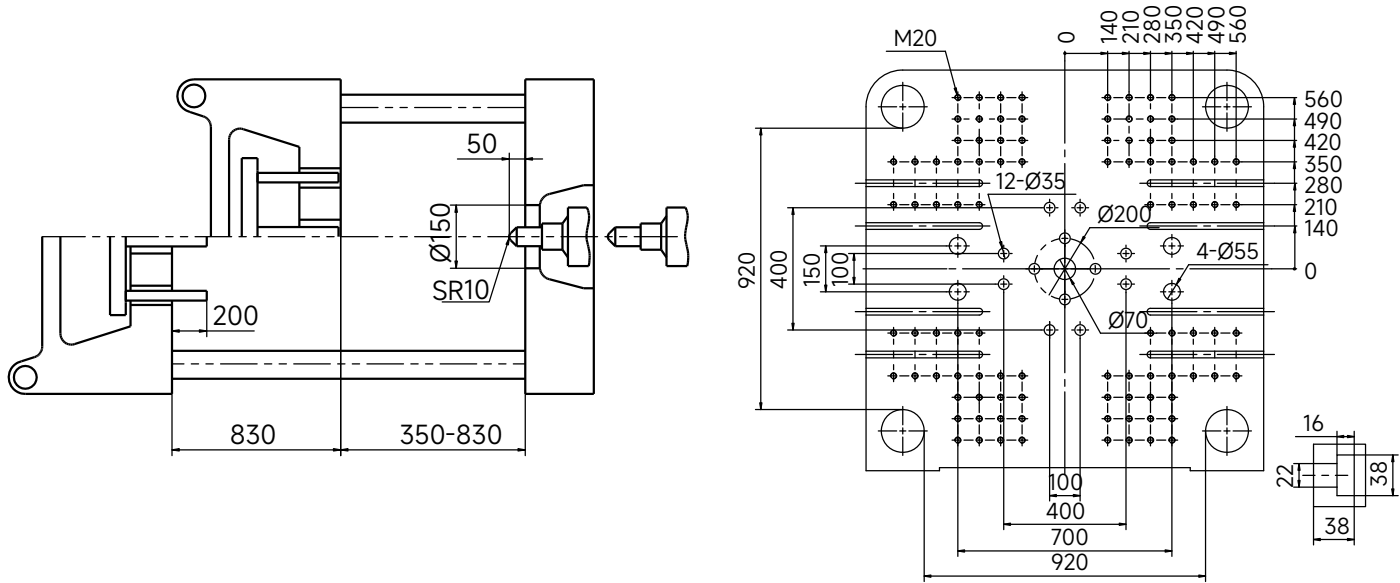
备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知
Remarks: According to upgrading of machine, we will change techcal parameters, configuration of some parts and service's items without further notice.

外观尺寸 MACHINE DIMENSIONS



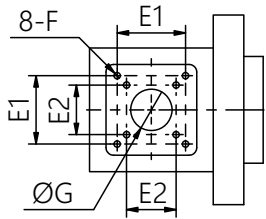
	A	B	C	D	E1/E2	F	G
B1800G	465	853	1860	3874	120/95	M12	72
B2250G	465	853	1860	4123	140/120	M12	90
B3000G	465	853	1860	4340	140/120	M12	90

模板尺寸 PLATEN DIMENSIONS



其它尺寸 OTHERS DIMENSIONS

料斗安装尺寸
Hopper Mounting Dimension



机械手安装尺寸
Robot Top View Fixed Platen

