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VERTICAL PLASTIC & BAKELITE
INJECTION MOLDING MACHINE

TAYU
大禹塑机



成就客户 合作共赢

CUSTOMER SUCCESS & WIN-WIN COOPERATION

行业客户

INDUSTRY CUSTOMERS



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企业概况

COMPANY PROFILE

助力客户建立优势竞争力

ASSIST THE CUSTOMERS TO BUILD COMPETITIVENESS

“大禹”为全球 5000 多家客户提供产品及技术支持服务，助力客户建立起高效率、低成本的竞争优势，范围涵盖汽车、3C、电子、医疗、工民建等众多领域。公司拥有浙江湖州、杭州及广东东莞三个生产基地，全国设有 30 多个办事处，并在德国及美国、墨西哥、印度、印度尼西亚、伊朗、马来西亚、越南、巴西、俄罗斯等 30 多个国家设有代理结构。

TAYU provides products and technical support services to more than 5000 customers around the world, helping customers to establish high efficiency and low cost competitive advantage, covering many fields such as automobile, 3C, electronic, medical, industrial and civil construction. The company has three production bases in Huzhou, Zhejiang province, Hangzhou and Dongguan, Guangdong Province, with 30 offices throughout the country, and in Germany and the United States, Mexico, India, Indonesia, Iran, Malaysia, Vietnam, Brazil, Russia and other more than 30 countries with agent structure.

产能/PRODUCTIVITY

3000⁺
台/年 (Units per year)

射出量/INJECTION CAPACITY

5-30000 克 (g)

锁模力/CLAMPING FORCE

12-2500 吨 (t)



湖州工厂

杭州工厂



德国技术、日本管理

GERMAN TECHNOLOGY, JAPANESE MANAGEMENT

与德国著名注塑机企业合作，引进欧洲先进技术、日本先进管理体系，持续引进人才以及结合内部培训，坚持贯彻 ISO 管理体系，以技术、品质、交期、服务等优势赢得客户满意。

Cooperation with Germany famous injection machine enterprises, introduce the advanced technology from Europe and advanced management system from Japan. Constantly introduces the talents and combines with the internal training, strict implementation of ISO management system. With the advantages of the **technology, quality, delivery service** to win customer's satisfaction.



强大的自主加工能力

POWERFUL INDEPENDENT PROCESSING ABILITY

完善的加工设备，更快更好更高效服务客户

斥巨资打造配件自主加工车间，引进日本新泻、德国克拉夫特等世界知名品牌加工中心、机床等设备，已实现 80% 以上配件自主生产，保证零件品质卓越，快速交付。

Perfect processing equipment, faster, better and more efficient service to customers

The company has invested a huge sum of money to build independent processing workshops for spare parts, and introduced machining centers and machine tools of world famous brands such as Niigata from Japan and Kraft from Germany. More than 80% spare parts have been independently produced to ensure excellent quality and fast delivery of spare parts.



技术大禹 TECHNOLOGY OF TAYU

“大禹”为高效而生，革命性的新技术创造运用，为注塑企业保证了低成本、高品质、高产量的竞争力，凸显“大禹”的技术实力以及对行业的贡献，引领行业发展。

For high efficiency, revolutionary new technology creation and application, to ensure the low cost, high quality, high output competitiveness for injection molding enterprises. It highlights TAYU's technical strength and it's contribution to the industry, which leads the development of the industry.

灵活搭配的精密切出单元选择，满足各种制品需求

flexible matching precision injection unit selection, which meets the requirements of various products.

大禹专利技术方便调节开模行程、生产效率高

Tayu patented technology is convenient to adjust the mold opening stroke, and it's production efficiency is high.

嵌件和产品取出区域，标准配置光栅保证安全

Insets & product removal area, standard configuration grating to ensure the safety.

搭配伺服电动转盘能够进行快速和精确的旋转运动

Fast and accurate rotating motion can be carried out with servo electric turntable.

适用于双工位转盘机，坚固易用的动模介子分配装置

Suitable for double station turntable machine, strong and easy to use moving mode meson distribution device.

简单易懂的操作画面，备有适应操作者的旋转操作屏

Operation screen is easy to be understood, which is equipped with operator friendly rotary operation screen.

符合人体工程学的工作条件，工作台高度可选择降低至 850mm 以下

In accordance with ergonomic working conditions, the height of the worktable can be selectively reduced to under 850mm.

低重心的高压锁模机构、开合模负载轻，移动效率高，节省能耗

The high pressure mode locking mechanism with it's low center of gravity, which has the advantages of light load high movement efficiency and energy consumption.



高精度、薄壁产品解决方案
THE HIGH PRECISION & THIN WALL PRODUCT SOLUTION

全电动机
FULL ELECTRIC MODEL

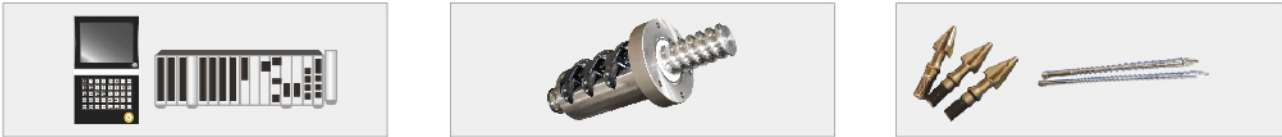
- ▶ 射出、锁模均采用伺服电机驱动，高利用率能效转换，实现高效率、高精度、短周期、低能耗作业。

The injection and clamping are driven by servo motor with high energy efficiency conversion and high efficiency, high precision, short period and low energy consumption.
- ▶ 与常规机相比节能 40%-70%。
Compared with conventional machine, energy saving 40%-70%.
- ▶ 射胶响应时间≤20ms, 射胶速度达 1000mm/s 制品重量误差≤0.5%。

20 ms or less response injection time, injection speed reaches to 1000 mm/s, product weight error is 0.5% or less.



油电复合机
OIL-ELECTRIC COMPOSITE MODEL



集电动射出与直压式合模性能优势于一体，突出高精度、高效率、高响应、经久耐用的高性价比优势

It integrates the advantages of electric injection and straight-voltage mode combination, which highlights the advantages of high precision, high efficiency, high response and durable ,and high cost performance advantages.

可靠性 Reliability

机械部件强度高，经久耐用、性能稳定，关键部件均采用进口件，保障高效运作。

Mechanical parts with high strength,outstanding durability and stable performance, which uses imported parts as critical components, so as to ensure the efficient operation.

超高性价比 Super High Cost Effective Performance

TH 系列注塑机传承德国的原版设计和制造工艺，技术及品质均可与欧洲产品相媲美，由“大禹公司”组织在中国量产，提供给客户极具性价比的产品：

TH Series Injection Molding Machine adopts the original design & manufacturing process of Germany, comparable with European products in the aspects like technology and quality, carried out the mass production organized by Tayu Machinery in China, which is regarded as an extremely high cost effective performance product supplied to customers.

高精度 High Precision

德国技术搭载欧洲优秀的电液控制部件，“大禹公司”的专业调校，保证各工艺参数的高重复精度：

German Technology and European excellent electric hydraulic control components, as well as the professional debugging & calibration of Tayu Company, which ensure the high repeated precision of process parameters.

高精度射出参数 HIGH PRECISION INJECTION PARAMETER

型号 MODEL		单位 UNIT	VP2			VP3		VP4		VP5		VP6	
Injection system 射出系统	螺杆直径 Screw Diameter	mm	Φ16	Φ18	Φ20	Φ20	Φ22	Φ25	Φ28	Φ28	Φ32	Φ32	Φ36
	射出压力 Injection Pressure	kg/cm²	3076	2430	1968	2817	2328	2329	1857	2491	1907	2754	2176
	理论射出容量 Theoretical Shot volume	cm³	20	25	31.4	37	45	58	73	110	144	144	183
	射出量 (P.S) Max. Shot Weight (PS)	g/oz	17.9/0.6	22/0.78	28/0.98	33/1.2	40/1.4	52/1.8	65/2.3	98/3.5	129/4.6	129/4.6	163/5.7
	射出率标准 Injection Rate	cm³/S	40	50.8	63	63	76	98	123	123	160	160	203
	射出率高速 Injection Rate	cm³/S	70	89	110	110	132	171	215	215	281	281	356
	射出速度标准 Injection speed (standard)	mm/S	200			200		200		200		200	
	射出速度高速 Injection speed (high)	mm/S	350			350		350		350		350	
	温控区 Temperature control	Zone	4			5		5		5		5	
	料斗容量 Material Hopper Capacity	L	10			10		10		15		15	

汽车行业

THE AUTO INDUSTRY

可广泛用于汽车玻璃、接插件、精密配件等汽车制造领域，为 BYD、一汽等众多汽车制造企业服务，注塑成品丰富，可以应用在新能源汽车制造多个部件；

Can be widely used in, automobile glass, automobile connectors, precision auto parts and other automotive manufacturing fields; For BYD, FAW and many other automobile manufacturing enterprises service; Rich injection molding products, can be used in the manufacture of new energy vehicle components;



TYU-4500.2R.V4.SF.J



TYM-1600.J



电子通讯行业

ELECTRONIC INDUSTRY

大禹以替代进口高端设备为目标，引进、运用欧洲先进技术，提供给客户对标欧洲、日本高端设备性能指标的高性能产品，服务华为、苹果、小米、三星等行业巨头产业链；

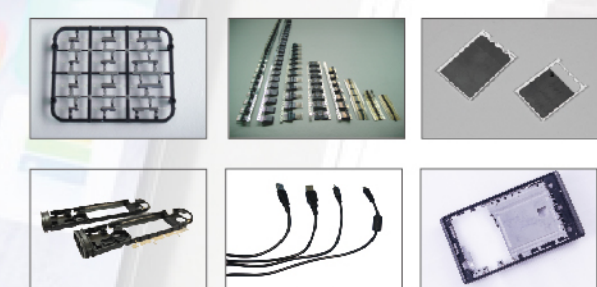
Aiming at replacing imported high-end equipment, Tayu introduces and applies European advanced technology to provide customers with high-performance products that match the performance indexes of high-end equipment from Europe and Japan, and serves the industrial chain of giants such as Huawei, Apple, Xiaomi and Samsung.



TY-700.2R



ET-850.2R

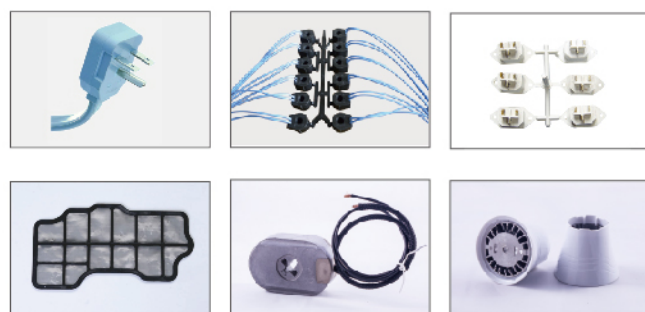


家电工业行业

HOUSE HOLD APPLIANCE INDUSTRY

电视、空调等家用电器已成为中国制造的优势产品，行业竞争力依托于生产力，大禹为行业提供高性价比的专用设备，为客户实现高产比；

TV, air conditioning and other household appliances to become the advantage products made in China, industry competitiveness depends on productivity, Tayu for the industry to provide cost-effective special equipment, for customers to achieve high output ratio;



TY-1200.2R

日用品工民建筑行业

COMMODITY INDUSTRY AND CONSTRUCTION INDUSTRY

洗漱用品、厨房用具、宠物用具、母婴用品、洁具、水暖接头工具等日用品的成品配件，均为大禹立式注塑机大显身手之用武之地；

Toiletries, kitchen appliances, pet appliances, maternal and child products, sanitary ware, plumbing joint tools and other finished accessories of daily necessities, are the place where Tayu vertical injection molding machine to show its talents;



TK-3500.2R

医疗行业

MEDICAL INDUSTRY

医疗为持续的朝阳产业，大到核磁共振仪、手术机器人，小到体温计、采血针等医疗器械，大禹立式注塑机都有非常大的应用空间；

Medical treatment is a continuous sunrise industry, large to nuclear magnetic resonance instrument, surgical robot, small to the thermometer, blood needle and other medical instruments, Tayu vertical injection molding machine has a very large application space;



TY-850.3R



ET-600.2R.SF.J



光学专用机

OPTICAL MACHINE

眼镜对精密、安全、耐用、美观等有着苛刻的要求，大禹眼镜专用机涵盖塑胶镜片、眼镜框、眼镜腿的成型制造，单色、双色、多色机满足客户各种制品需求，使用成型原料涵盖 PEI、TR90、PC、丙酸、醋酸等所有眼镜材料。

The glasses have strict requirements for precision, safety, durability and aesthetics. Tayu glasses special machine covers plastic lens, spectacle frame and glasses leg forming and manufacturing. Monochrome, two-color and multi-color machine can meet the needs of customers for various products.



TY-1600S.2M.2C



TY-2000.2R.2C



TY 标准机型

TY STANDARD MODEL

立式锁模 / 立式注塑

适用于中小型嵌件射出成型。

Vertical type clamping, vertical injection molding
suitable for small and medium-sized injection molding inserts.

直压式锁模，应力分布均匀，快速锁模 / 低压慢速关模，保护模具。
Direct pressure clamping, uniform stress distribution, fast clamping/low pressure slow closing, which can protect the mold.

下模固定 / 上模活动，对成型的嵌在模具内有很好的定位性。
Lower die fixed and upper die movement, to the shape of embedded in the mold within a suitable positioning.



TY-S单滑板机型

TY-S SINGLE SLIDE MODEL

在 TY 机型上增加单 / 双滑模装置。
滑板氮化处理，增加滑板的使用寿命。

Add single/double slide mode device on TY model
Skateboard nitriding treatment to increase the service life of the skateboard.

单滑模：采用往复式单滑模板，嵌件放入与产品取出在合模区外部作业，操作方便安全性高。

Single slide mode: the reciprocating single slide mode is adopted, the insert is put in and the product is taken out from the outside of the die area, which is easy to operate with safety.



	型号 MODEL	单位 JNIT	TY-	TY-S-	TY-	TY-S-	TY-	TY-S-	TY-	TY-S-	TY-	TY-S-	TY-	TY-S-													
			120 65V	200 93V	350 93V	400 152V	600 152V	700 314V	TY-	TY-S-																	
射出系统 Injection system	螺杆直径 Screw Diameter	mm	Φ20	Φ22	Φ25	Φ22	Φ25	Φ28	Φ32	Φ22	Φ25	Φ28	Φ32	Φ36	Φ25	Φ28	Φ32	Φ36	Φ28	Φ32	Φ36	Φ42					
	理论射出容量 Theoretical Shot volume	cm³	31	38	49	39	51	64	84	39	51	64	84	65	82	107	136	65	82	107	136	110	144	183	249		
	射出量 Max. Shot Weight (PS=1.05)	g/oz	28/0.9	34/1.2	43/1.5	35/1.2	45/1.5	57/2.0	75/2.6	36/1.2	46/1.6	57/2.0	75/2.6	58/2.2	73/2.5	96/3.3	121/4.2	58/2.2	73/2.5	96/3.3	121/4.2	98.8/3.4	129/4.5	163/5.7	222/7.8		
	射出压力 Injection Pressure	kg/cm²	1968	1627	1260	2342	1814	1446	1107	2342	1814	1446	1107	2329	1857	1421	1123	2329	1857	1421	1123	2848	2180	1722	1265		
	射出速率 Injection Rate	cm³/s	36	44	57	31	40	50	65	40	52	66	86	41	51	67	85	65	81	106	135	53	69	88	119		
	定位环直径 The diameter of the locating ring	mm	Φ90		Φ90		Φ90		Φ100		Φ100		Φ100		Φ120		Φ120		Φ120		Φ120		Φ120		Φ120		
	温控区 Temperature Control	ZONE	2		3		3		3		3		3		3		3		3		3		3		3		
	料斗容量 Material Hopper Capacity	L	15		15		15		15		20		20		20		20		20		20		30		30		
	射嘴伸出模版 The nozzle sticks out	mm	17		24		24		24		30		35		35		35		35		35		35		35		
	锁模系统 Clamping system	锁模力 Clamping Force	ton	12		25		35		40		60		70		70		70		70		70		70		70	
开模力 Opening Force		ton	6.3		6.6		5.7		8.3		5		7.2		7.2		7.2		7.2		7.2		7.2		7.2		
最小模厚 Min Mold Height		mm	120/180		100/180		100/180		150/200		150/200		200/250		200/250		200/250		200/250		200/250		200/250		200/250		
开模行程 Opening Stroke		mm	160		180		200		200		200		250		250		250		250		250		250		250		
最大开距 Max. Open Daylight		mm	280/340		280/360		300/380		350/400		350/400		450/500		450/500		450/500		450/500		450/500		450/500		450/500		
模柱间距 Mold dimensions		mm	280*145		360*230		360*230		415*255		460*310		500*340		500*340		500*340		500*340		500*340		500*340		500*340		
顶针行程 Ejector stroke		mm	40	60	40	60	40	60	40	60	40	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
顶出力 Ejector Force		ton	1.3	2	1.7	2	1.7	2	1.7	2	1.3	2	2.7	2	2.7	2	2.7	2	2.7	2	2.7	2	2.7	2	2.7	2.3	
滑模系统 Sliding mode system		滑板尺寸 Slide Plater Size	mm	--	270*300	--	350*350	--	350*350	--	390*420	--	450*480	--	495*500	--	495*500	--	495*500	--	495*500	--	495*500	--	495*500	--	495*500
		滑板行程 Slide Plater Stoke	mm	--	300	--	350	--	350	--	420	--	480	--	500	--	500	--	500	--	500	--	500	--	500	--	500
	容模尺寸 Tolerance Dimension	mm	--	200*200	--	250*300	--	250*300	--	325*350	--	400*425	--	450*450	--	450*450	--	450*450	--	450*450	--	450*450	--	450*450	--	450*450	
	液电系统 Hydraulic Power system	最大液压 Max. Hydraulic Pressure	kg/cm²	140		140		140		140		140		140		140		140		140		140		140		140	
作动油量 Pump Output		L	120		120		160		160		260		260		260		260		260		260		260		260		
油泵电机 Pump Motor power		KW	4		4		5.5		5.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		
电热容量 Barrel Heating Power		KW	2.5		3.1		3.1		4.5		4.6		4.7		4.7		4.7		4.7		4.7		4.7		4.7		
总功率 Total wattage		KW	6.5		7.1		8.6		10		12.1		12.2		12.2		12.2		12.2		12.2		12.2		12.2		
冷却水排量 Cooling water capacity		L/min	15		15		25		25		35		35		35		35		35		35		35		35		
其它 Other	机器尺寸 machine dimensions(L*W*H)	m	1.3*0.9*2.5	1.6*0.9*2.6	1.5*0.9*2.8	1.7*0.9*2.9	1.5*0.9*2.9	1.7*0.9*3	1.9*1.1*3	2*1.1*3.1	1.9*1.2*3	2.3*1.2*3.1	1.8*1.1*3.4	2.2*1.1*3.5													
	机器重量 Machine weight	ton	0.6	0.7	0.9	1.2	1.1	1.3	1.5	1.7	1.9	2.1	2.7	3													
	工作台高度 不含避震脚	mm	840	926	850	936	910	996	985	1071	995	1081	1180	1274													

以上规格参数仅供参考，如有设计更改，恕不另行通知。
Note: the above specifications are for reference only, and design is subject to change without prior notice.

TY-		TY-S-		TY-		TY-S-		TY-		TY-S-		TY-		TY-S-		TY-		TY-S-									
850 314V				1000 468V		1200 690V				1600 926V				2100 926V				2500 1600V				3500 2109V					
Φ28	Φ32	Φ36	Φ42	Φ36	Φ42	Φ42	Φ46	Φ50	Φ45	Φ50	Φ55	Φ45	Φ50	Φ55	Φ55	Φ60	Φ65	Φ65	Φ70								
110	144	183	249	213	290	311	373	441	397	471	593	397	471	593	712	847	994	1061	1230								
98.8/3.4	129/4.5	163/5.7	222/7.8	190/6.7	259/9.1	278/9.5	333/11.5	394/13.9	354/12.5	420/14.8	529/18.6	354/12.5	420/14.8	529/18.6	635/22.4	756/26.7	888/31.3	947/33.4	1098/38.7								
2848	2180	1722	1265	2462	1809	2218	1849	1565	2333	1890	1561	2333	1890	1561	2249	1890	1610	1988	1714								
62	81	102	140	109	149	122	146	172	116	154	173	116	154	173	155	185	217	258	299								
Φ120				Φ120		Φ120				Φ120				Φ150				Φ150									
4				4		4				4				5				5									
30				30		30				30				30				30									
35				35		35				40				40				45									
85				100		120				160				210				250									
10.5				11		16				16				18				18									
200/250				200		250				300				350				350									
250				250		300				300				400				400									
450/500				450		550				600				750				750									
500*340				560*360		600*400				660*630				720*670				720*700									
60	70	75	75	75	75	100	100	100	75	100	100	75	150	150	100	150	100	150	150								
2.7	2.3	3.9	2.3	5.3	5.3	3.9	3.9	5.3	5.3	5.3	5.3	6.2	7	7	6.2	7	6.2	7	7								
--	495*500	--	555*600	--	590*725	--	640*800	--	695*950	--	750*1000	--	800*900	--	850*950	--	900*1000	--	950*1050								
--	500	--	600	--	750	--	800	--	950	--	1000	--	1100	--	1200	--	1300	--	1400								
--	450*450	--	450*450	--	500*600	--	550*650	--	600*800	--	650*900	--	700*900	--	750*1000	--	800*1000	--	850*1000								
140				140		140				140				140				140									
260				460		460				500				600				730									
11				15		15				18.5				22				30									
4.7				5.2		10.7				10.8				12.5				16.8									
15.7				20.2		25.7				29.3				34.5				46.8									
40				45		45				50				55				60									
1.8*1.1*3.4		2.2*1.1*3.5		2.1*1.3*3.5		2.6*1.3*3.6		2.1*1.4*4.4		3.3*1.4*4.4		2.4*1.5*4.6		3.2*1.4*4.6		3.1*1.6*5		4.2*1.6*5.1		3.1*1.6*5.1		4.2*1.6*5.2		3.8*2*5.5		4.5*1.8*5.6	
3		3.3		4.3		4.7		6.2		6.7		7.2		7.7		9		9.5		10.2		10.7		13.2		13.6	
1180		1274		1254		1348		1358		1390		1450		1458		1680		1690		1760		1770		1890		1895	

TY-R转盘机型

TY-R ROTARY MODEL

圆盘 180°交替旋转，操作空间大，取放嵌件方便，生产效率高。
The rotary table rotates 180° alternately, with large operation space, easy to take and place inserts, which achieve high production efficiency.

高精度定位，让成型上下模更准确合模。
转盘旋转快速平稳，精度高，减少机械零件损耗。
High precision positioning, so that the molding up and down are more accurate for mold forming .
The rotary table rotates is quickly and steadily, with high precision, reducing the loss of mechanical parts.

可加装自动嵌入与取出的自动化装置，达成全机自动化生产。
有特殊要求可另选三工位 / 四工位，达到更方便操作。
It can be equipped with automatic inserting and taking out automatic device to achieve automatic production of the whole machine.
Special requirements can be selected from **three stations/four stations**, which achieve more convenient operation.



	型号 MODEL	单位 JUNIT	TY-DS	TY-R	TY-DS	TY-R	TY-DS	TY-R	TY-DS	TY-R	TY-DS	TY-R	TY-DS	TY-R	TY-DS	TY-R	TY-DS	TY-R							
			120 65V		200 93V		350 93V		400 152V		600 152V		700 314V												
射出系统 Injection system	螺杆直径 Screw Diameter	mm	Φ20	Φ22	Φ25	Φ22	Φ25	Φ28	Φ32	Φ22	Φ25	Φ28	Φ32	Φ25	Φ28	Φ32	Φ36	Φ28	Φ32	Φ36	Φ42	Φ28	Φ32	Φ36	Φ42
	理论射出容量 Theoretical Shot volume	cm³	31	38	49	39	51	64	84	39	51	64	84	65	82	107	136	65	82	107	136	110	144	183	249
	射出量 Max. Shot Weight (PS=1.05)	g/oz	28/0.9	34/1.2	43/1.5	36/1.2	46/1.6	57/2.0	75/2.6	36/1.2	46/1.6	57/2.0	75/2.6	58/2.2	73/2.5	96/3.3	121/4.2	58/2.2	73/2.5	96/3.3	121/4.2	98.8/3.4	129/4.5	163/5.7	222/7.8
	射出压力 Injection Pressure	kg/cm²	1968	1627	1260	2342	1814	1446	1107	2342	1814	1446	1107	2329	1857	1421	1123	2329	1857	1421	1123	2848	2180	1722	1265
	射出速率 Injection Rate	cm³/s	36	44	57	31	40	50	65	40	52	66	86	41	51	67	85	65	81	106	135	53	69	88	119
	定位环直径 The diameter of the locating ring	mm	Φ90			Φ90			Φ90			Φ100			Φ100			Φ100			Φ120				
锁模系统 Clamping system	温控区 Temperature Control	ZONE	2			3			3			3			3			4							
	料斗容量 Material Hopper Capacity	L	15			15			15			20			20			30							
	射嘴伸出距离 The nozzle sticks out	mm	17			24			24			30			35			35							
	锁模力 Clamping Force	ton	12			25			35			40			60			70							
	开模力 Opening Force	ton	6.3			6.6			5.7			8.3			5			7.2							
	最小模厚 Min Mold Height	mm	120/180			100/180			100/180			150/200			150/200			200/250							
	开模行程 Opening Stroke	mm	160			180			200			200			200			250							
	最大开距 Max. Open Daylight	mm	280/340			280/360			300/380			350/400			350/400			450/500							
	模柱间距 Mold dimensions	mm	280*145	—		360*230		—		360*230		—		415*255		—		460*310		—		500*340		—	
	顶针行程 Ejector stroke	mm	60	60		60		60		60		60		60		60		60		60		70		70	
滑模系统 Sliding mode system	顶出力 Ejector Force	ton	2	2.3		2		2.3		2		2.3		2		2.3		2		2.3		2.3		2.3	
	滑板尺寸 Slide Plater Size	mm	270*600	—		350*700		—		350*700		—		390*840		—		450*960		—		495*1000		—	
	滑板行程 Slide Plater Stoke	mm	300	—		350		—		350		—		420		—		480		—		500		—	
	圆套直径 Round Set Diamter	mm	—	580		—		700		—		700		—		900		—		900		—		1000	
液电系统 Hydraulic power system	容模尺寸 Tolerance Dimension	mm	200*200	175*175		250*300		220*220		250*300		220*220		325*350		300*300		400*425		300*300		450*450		360*360	
	最大液压 Max. Hydaulic Pressure	cm²	140			140			140			140			140			140			140				
	作动油量 Pump Output	L	120			120			160			160			260			260			260				
	油泵电机 Pump Motor power	KW	4			4			5.5			5.5			7.5			7.5			7.5				
	电热容量 Barrel Heating Power	KW	2.5			3.1			3.1			4.5			4.6			4.7			4.7				
	总功率 Total wattage	KW	6.5			7.1			8.6			10			12.1			12.2			12.2				
其它 Other	冷却水排量 Cooling water capacity	L/min	15			15			25			25			35			35			35				
	机器尺寸 machine dimensions(L*W*H)	m	1.6*1*2.6	1.6*1.1*2.6		1.7*1*2.9		1.7*1.3*2.9		1.7*1*3		1.7*1.3*3.1		2*1.1*3.1		2*1.4*3.2		2.2*1.2*3.2		2*1.4*3.2		2.3*1.2*3.7		2.3*1.6*3.6	
	机器重量 Machine weight	ton	0.75	0.8		1.4		1.6		1.5		1.7		2		3.2		2.4		3.5		2.9		4.5	
	工作台高度 不含避震脚	mm	926	926		936		965		975		990		1071		1112		1111		1112		1274		1160	

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TY-DS双滑板机型

TY DS DOUBLE SLIDE MODEL

在 TY 机型上增加单 / 双滑模装置。
滑板氮化处理，增加滑板的使用寿命。
Add single/double slide mode device on TY model.
Skateboard nitride treatment to increase the service life of the skateboard.

双滑模：采用双模交替滑动，一模成型、另一模取放件，作业安全效率高。
Double slide mode: adopt double slide mode alternately, one mold is formed, the other mold is taken and in, the operation safety is high.



TY-DS		TY-R		TY-DS		TY-R		TY-DS		TY-R		TY-DS		TY-R		TY-DS		TY-R		TY-DS		TY-R					
850 314V				1000 468V				1200 690V				1600 926V				2100 926V				2500 1600V				3500 2109V			
Φ28	Φ32	Φ36	Φ42	Φ36	Φ42	Φ42	Φ46	Φ50	Φ45	Φ50	Φ55	Φ45	Φ50	Φ55	Φ55	Φ60	Φ65	Φ65	Φ65	Φ65	Φ70	Φ70					
110	144	183	249	213	290	311	373	441	397	471	593	397	471	593	712	847	994	1061	1230	1230	1230						
98.8/3.4	129/4.5	163/5.7	222/7.8	190/6.7	259/9.1	278/9.5	333/11.5	394/13.9	354/12.5	420/14.8	529/18.6	354/12.5	420/14.8	529/18.6	635/22.4	756/26.7	888/31.3	947/33.4	1098/38.7	1098/38.7	1098/38.7						
2848	2180	1722	1265	2462	1809	2218	1849	1565	2333	1890	1561	2333	1890	1561	2249	1890	1610	1988	1714	1714	1714						
62	81	102	140	109	149	122	146	172	116	154	173	116	154	173	155	185	217	258	299	299	299						
Φ120				Φ120				Φ120				Φ120				Φ150				Φ150				Φ150			
4				4				4				4				5				5				5			
30				30				30				30				30				30				30			
35				35				35				40				40				45				50			
85				100				120				160				210				250				350			
10.5				11				16				16				18				18				23			
200/250				200				250				300				350				350				350			
250				250				300				300				400				400				450			
450/500				450				550				600				750				750				800			
500*340		--		560*360		--		600*400		--		660*630		660*630		720*670		720*670		720*700		720*700		830*600		830*600	
70		70		75		75		100		100		100		100		150		150		150		150		150		150	
2.3		2.3		2.3		3.9		3.9		3.9		5.3		5.3		7		7		7		7		7		7	
495*1000		--		550*1100		--		590*1450		--		640*1600		--		695*1900		--		695*1900		--		810*1900		--	
500		--		600		--		750		--		800		--		950		--		950		--		950		--	
--		1000		--		1100		--		1224		--		1480		--		1600		--		1600		--		1800	
450*450		360*360		450*450		400*400		500*600		440*440		550*650		530*530		600*800		550*550		600*800		550*550		720*800		670*670	
140		--		140		--		140		--		140		--		140		--		140		--		140		--	
260		--		460		--		460		--		500		--		600		--		730		--		880		--	
11		--		15		--		15		--		18.5		--		22		--		30		--		37		--	
4.7		--		5.2		--		10.7		--		10.8		--		12.5		--		16.8		--		19.8		--	
15.7		--		20.2		--		25.7		--		29.3		--		34.5		--		46.8		--		56.8		--	
40		--		45		--		45		--		50		--		55		--		60		--		70		--	
2.3*1.2*3.7		2.3*1.6*3.4		2.8*1.4*3.6		2.4*1.6*3.5		3.3*1.4*4.4		2.4*1.7*4.4		3.6*1.4*4.7		2.7*2.1*4.6		4.3*1.6*5.1		2.7*2.1*5.1		2.3*1.2*3.7		2.3*1.6*3.4		4.3*1.7*5.6		3.3*2.4*5.6	
3		4.5		4.8		6		7		8.2		7.6		9		9.8		11		3		4.5		13		16	
1274		1160		1348		1225		1390		1410		1418		1498		1748		1770		1274		1160		1895		1895	

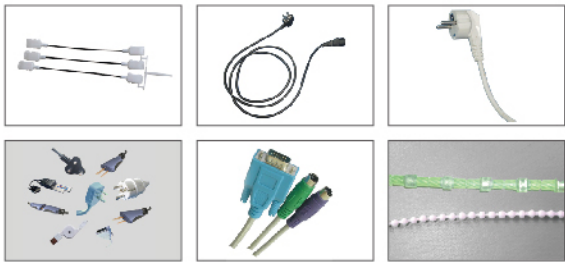
TC机型

TC MODEL

立式锁模 / 水平注射、无立柱设计、三面开放空间。
Vertical type clamping, horizontal injection, no column design, open space on three sides.

C 型钢制结构，一体成型，高压弯矩变形量小。
射座整体水平升降调整。
C section steel structure, one - piece forming, high - pressure bending moment of small deformation.
Overall horizontal is adjusted from the seat.

可根据客户需求搭配单 / 双滑模、转盘装置。
According to customer's requirements, collocation with single/double slide mode, rotary table device.



型号 MODEL		单位 JNIT	TC	TC-DS	TC-R	TC	TC-DS	TC-R
			200 114V			450 183V		
射出系统 Injection system	螺杆直径 Screw Diameter	mm	Φ25	Φ28	Φ32	Φ32	Φ36	Φ40
	理论射出容量 Theoretical Shot volume	cm³	61	76	100	120	152	188
	射出量 Max. Shot Weight (PS=1.05)	g/oz	54/1.9	68/2.4	89/3.1	108/3.8	136/4.8	168/6
	射出压力 Injection Pressure	kg/cm²	2240	1785	1367	1531	1210	980
	射出速率 Injection Rate	cm³/s	42	53	69	99	125	155
	温控区 Temperature Control	ZONE	3			4		
锁模系统 Clamping system	料斗容量 Material Hopper Capacity	L	15			30		
	锁模力 Clamping Force	ton	26			45		
	开模力 Opening Force	ton	6.6			8.3		
	最小模厚 Min Mold Height	mm	150			175		
	开模行程 Opening Stroke	mm	200			200		
	最大开模距 Max. Open Daylight	mm	350			375		
滑模系统 Sliding mode system	上模板尺寸 Top Platen Size	mm	410*350	410*350	410*350	595*305	475*305	475*305
	下模板尺寸 Bottom Platen Size	mm	410*350	--	--	600*332	--	--
	顶针行程 Ejector stroke	mm	60			80		
	顶出力 Ejector Force	ton	1.1			1.1		
	射嘴中心高 Nozzle Center Height	mm	120±20			150±20		
	射嘴中心距 Nozzle Center Distance	mm	55			70		
液压系统 Hydraulic power system	滑板尺寸 Slide Plater Size	mm	--	350*700	--	--	340*900	--
	滑板行程 Slide Plater Stoke	mm	--	350	--	--	450	--
	圆盘直径 Round Set Diamter	mm	--	--	700	--	--	900
	容模尺寸 Tolerance Dimension	mm	375*300	300*300	220*220	350*200	400*250	300*300
	最大液压 Max. Hydraulic Pressure	kg/cm²	140			140		
	作动油量 Pump Output	L	160			260		
其它 Other	油泵电机 Pump Motor power	KW	5.5			7.5		
	电热容量 Barrel Heating Power	KW	4.7			6.4		
	总功率 Total wattage	KW	10.2			13.9		
	冷却水排量 Cooling water capacity	L/min	25			35		
	机器尺寸 machine dimensions(L*W*H)	m	2.2*0.9*2	2.3*1.8*2	2.5*1.2*2	2.4*1.2*2.1	2.5*2*2.1	2.9*1.4*2.1
	机器重量 Machine weight	ton	2.5			3.2		
	工作台高度 不含避震脚	mm	800			850		
			800			850		

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TC	TC-DS	TC-R	TC	TC-DS	TC-R	TC	TC-DS	TC-R
750 280V			850 280V			1200 690V		
Φ36	Φ40	Φ45	Φ36	Φ40	Φ45	Φ42	Φ46	Φ50
172	213	270	172	213	270	311	373	441
154/5.4	190/6.7	241/8.5	154/5.4	190/6.7	241/8.5	278/9.5	333/11.5	394/13.9
1620	1312	1037	1620	1312	1037	2218	1849	1565
109	135	171	109	135	171	122	146	172
4			4			4		
30			30			30		
75			90			120		
11			12			7.2		
200			200			250		
270			270			300		
470			470			550		
565*390	565*390	565*390	565*390	565*390	565*390	750*640	725*640	725*640
570*390	--	--	570*390	--	--	750*640	--	--
80			80			100		
2.7			2.7			3.9		
170±20			170±20			180±20		
70			70			100		
--	390*1100	--	--	390*1100	--	--	640*1500	--
--	570	--	--	570	--	--	750	--
--	--	1000	--	--	1000	--	--	1224
450*300	450*300	360*360	450*300	450*300	360*360	650*500	650*500	440*440
140			140			140		
300			300			460		
11			11			15		
10.5			10.5			10.7		
21.5			21.5			25.7		
40			40			45		
2.6*1.2*2.4	2.8*2.4*2.4	3.3*1.5*2.4	2.6*1.1*2.4	2.8*2.4*2.4	3.3*1.5*2.4	3.8*1.6*2.8	3.9*3.1*2.8	4.3*1.7*2.8
4.6	4.9	5.4	4.8	5.1	5.6	10	11.5	12
870	870	870	870	870	870	900	900	900

TK机型

TK MODEL

立式锁模 / 水平注射。

超大的柱间距，模具安装拆卸方便。

Vertical-type clamping, horizontal-type injection.

Large column spac, easy to install and disassemble the mold.

开模行程长，射出量大，适合较大型产品成型。

射座整体水平升降调整。

Long die stroke, large injection capacity, suitable for large product forming.

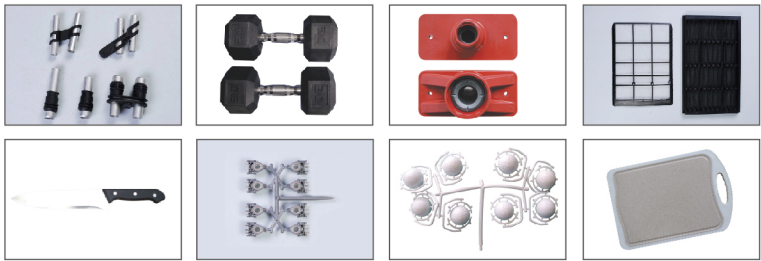
Overall horizontal adjustment of the seat.

可根据客户需求搭配单 / 双滑模、转盘装置。

操作台面、整机高度可以实现最低化。

According to customer requirements collocation with single/double slide mode, turntable device.

The height of operating table and machine can be minimized to lowest.



型号 MODEL		单位 JNIT	TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R
			400 152V				700 314V				850 468V				1200 690V				1600 926V			
Injection system 射出系统	螺杆直径 Screw Diameter	mm	Φ25	Φ28	Φ32	Φ28	Φ32	Φ36	Φ42		Φ36		Φ42		Φ42	Φ46	Φ50	Φ45	Φ50		Φ55	
	理论射出容量 Theoretical Shot volume	cm³	66	83	108	110	144	183	249		213		290		311	373	441	397	471		593	
	射出量 Max. Shot Weight (PS)	g/oz	59/2.08	74/2.6	96/3.3	98/3.4	129/4.5	163/5.7	222/7.8		190/6.7		259/9.1		278/9.5	333/11.5	394/13.9	354/12.5	420/14.8		529/18.6	
	射出压力 Injection Pressure	kg/cm²	2329	1857	1421	2848	2180	1722	1265		2462		1809		2218	1849	1565	2333	1890		1561	
	射出速率 Injection Rate	cm³/s	41	51	67	53	69	88	119		72		98		122	146	172	116	154		173	
Clamping system 锁模系统	温控区 Temperature Control	ZONE	3				3				4				4				4			
	料斗容量 Material Hopper Capacity	L	20				30				30				60				60			
	锁模力 Clamping Force	ton	40				70				90				120				160			
	开模力 Opening Force	ton	8.3				7.2				7.2				10.5				10.5			
	最小模厚 Min Mold Height	mm	200				200				250				250				250			
	开模行程 Opening Stroke	mm	200				250				300				300				300			
	最大开距 Max. Open Daylight	mm	400				450				550				550				550			
	模柱间距 Mold dimensions	mm	415*255	415*255	415*255	--	500*340	500*340	500*340	--	530*410	530*410	530*410	--	570*450	570*450	570*450	--	650*340	650*340	650*340	--
	顶针行程 Ejector stroke	mm	40	60	60	60	60	70	70	70	75	75	75	75	100	100	100	100	100	100	100	100
	顶出力 Ejector Force	ton	1.3	2	2	2.3	2.7	2.3	2.3	2.3	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.4	5.4	5.4	5.4
Sliding mode system 滑模系统	射嘴中心高 Nozzle Center Height	mm	150±20				170±20				180±20				180±20				180±20			
	射嘴中心距 Nozzle Center Distance	mm	70				70				90				100				100			
	滑板尺寸 Slide Plater Size	mm	--	390*420	390*840	--	--	495*500	495*1000	--	--	525*620	525*1200	--	--	550*630	550*1250	--	--	635*540	635*1400	--
Hydraulic power system 液电力系统	滑板行程 Slide Plater Stoke	mm	--	420	420	--	--	500	500	--	--	600	600	--	--	630	630	--	--	540	750	--
	圆盘直径 Round Set Diamter	mm	--	--	--	900	--	--	--	1000	--	--	--	1100	--	--	--	1224	--	--	--	1480
	容模尺寸 Tolerance Dimension	mm	--	325*350	325*350	300*300	--	450*450	450*450	360*360	--	460*550	460*550	400*400	--	500*550	500*550	440*440	--	500*550	500*550	530*530
	最大液压 Max. Hydraulic Pressure	kg/cm²	140				140				140				140				140			
Other 其它	作动油量 Pump Output	L	160				260				300				460				500			
	油泵电机 Pump Motor power	KW	5.5				7.5				11				15				18.5			
	电热容量 Barrel Heating Power	KW	4.5				4.7				5.2				10.5				12.5			
	总功率 Total wattage	KW	10				12.2				16.2				25.5				31			
Other 其它	冷却水排量 Cooling water capacity	L/min	25				35				45				45				50			
	机器尺寸 Machine dimensions(L*W*H)	m	2.3*1.1*1.8	2.7*1.5*2	2.6*1.9*2	3.1*1.5*2.1	2.8*1.2*2.2	3.3*1.6*2.4	3*2*2.4	3.1*1.5*2.4	2.9*1.2*2.3	3.6*1.6*2.9	3.2*2.3*2.9	3.5*1.6*2.9	3.3*1.4*2.7	4*1.7*2.9	3.9*2.5*3	3.9*1.9*3	3.4*1.6*2.7	4.2*1.7*3	4*2.7*3	4.2*2*3
Other 其它	机器重量 Machine weight	ton	1.9	2.1	2.3	3.5	3	3.3	3.6	4.8	4.4	4.7	5	6.2	7	7.2	7.5	8	8	8.5	8.9	10

以上规格参数仅供参考，如有设计更改，恕不另行通知。

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TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R	TK-	TK-S	TK-DS	TK-R
2100 1236 V				2500 1600V				3500 2109V				4000 2953 V				5000 3998V							
Φ55		Φ60		Φ60		Φ65		Φ65		Φ70		Φ70		Φ75		Φ80		Φ85					
617		734		847		994		1061		1230		1346		1545		2009		2268					
551/19.4		655/23.1		756/26.7		888/31.3		947/33.4		1098/38.7		1201/42		1379/48		1793/63		2024/71					
2006		1685		1890		1610		1988		1714		2194		1911		1990		1763					
174		207		227		266		258		299		276		317		375		423					
5				6				6				5				5							
60				60				60				60				60							
210				250				350				400				500							
16				18				23				29				29							
300				300				300				350				450							
400				450				450				600				600							
700				750				750				950				1050							
700*560	700*560	700*560	--	735*600	735*600	735*600	--	830*600	830*600	830*600	--	900*680	900*680	900*680	--	1000*750	1000*750	1000*750	--				
150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150				
5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	7	7	7	7	7	7	7	7				
220±20				220±20				220±20				280±20				380±20							
150				160				180				190				200							
--	680*750	680*1500		--	--	720*800	720*1600	--	--	810*950	810*1900		--	--	880*1100	880*2200		--	--	980*1350	980*2650		--
--	700	750		--	--	750	800	--	--	900	950		--	--	1000	1100		--	--	1200	1350		--
	--	--		1600	--	--	--	1600	--	--	--		1800		--	--		1800		--	--		1800
	600*600	600*600	550*550	--	630*650	630*650	550*550	--	700*840	700*840	670*670		780*950	780*950	670*670		840*980	840*980	670*670				
140				140				140				140				140							
600				730				880				1040				1280							
22				30				37				42				48							
15				15				22				28				34							
37				45				59				70				82							
60				60				70				80				90							
3.9*17*3.1	4.6*18*3.6	4.3*3*3.6	4.5*2*3.6	4.1*18*37	4.9*18*3.8	4.5*32*3.8	5.1*2*3.8	4.6*2*3.9	5.3*19*4	4.7*3.6*4	5.4*2*4	5*2*4.2	6*1.9*4.3	5.1*44*4.3	5.9*2*4.3	5.5*2*4.5	6.9*2*4.6	5.8*5.5*4.6	6.4*21*4.6				
9	11	12	14	12	13	14	17	16	17	18	20	18	20	22	24	23	26	28	29				

TY·C机系列

TY.C SERIES

立式锁模 / 立式注射、无立柱设计、三面开放空间。

Vertical-type clamping, horizontal-type injection, Non-column design, open space on three sides.



型号 MODEL		单位 JNIT	TYC- 120 65V		TYC-S TYC-DS TYC-R		TYC- 200 93V		TYC- 400 152V		TYC-S TYC-DS TYC-R		TYC- 600 152V		TYC-S TYC-DS TYC-R		TYC- 700 314V	
Injection system 射出系统	螺杆直径 Screw Diameter	mm	Φ20	Φ22	Φ25	Φ22	Φ25	Φ28	Φ32	Φ25	Φ28	Φ32	Φ28	Φ32	Φ36	Φ28	Φ32	Φ42
	理论射出容量 Theoretical Shot volume	cm ³	31	38	49	39	51	64	84	66	82	107	136	98	128	162	110	144
	射出量 Max. Shot Weight (PS)	g/oz	28/0.9	34/1.2	43/1.5	36/1.2	46/1.6	57/2.0	75/2.6	59/2.08	73/2.5	96/3.3	121/4.2	87/3.0	114/4.0	145/5.1	98.8/3.4	129/4.5
	射出压力 Injection Pressure	kg/cm ²	1968	1627	1260	2342	1814	1446	1107	2329	1857	1421	1123	2330	1784	1409	2848	2180
	射出速率 Injection Rate	cm ³ /s	36	44	57	31	40	50	65	41	51	67	85	65	85	79	53	69
	理论射出速度	mm	117				81			95				105			94	
	定位环直径 The diameter of the locating ring	mm	Φ90				Φ90			Φ100				Φ100			Φ120	
	温控区 Temperature Control ZONE		2				3			3				3			4	
	料斗容量 Material Hopper Capacity	L	15				15			20				20			30	
	射嘴伸出模板 The nozzle sticks out	mm	17				24			30				35			35	
Clamping system 锁模系统	锁模力 Clamping Force	ton	12				20			40				60			70	
	开模力 Opening Force	ton	5				5			6				6.5			7.2	
	最小模厚 Min Mold Height	mm	150				150			180				200			200	
	开模行程 Opening Stroke	mm	250				250			300				300			350	
	最大开模距 Max. Open Daylight	mm	400				400			480				500			550	
	顶针行程 Ejector stroke	mm	40				40			60				60			70	
	顶出力 Ejector Force	ton	2				2			2.3				2.3			2.3	
Sliding mode system 滑模系统	滑板尺寸 Slide Plater Size	mm	—	270*300	270*650	—	—	350*350	350*750	—	—	390*420	390*1000	—	—	495*500	495*1100	—
	滑板行程 Slide Plater Stoke	mm	—	300	350	—	—	350	400	—	—	420	500	—	—	500	570	—
	圆盘直径 Round Set Diameter	mm	—	—	—	580	—	—	—	700	—	—	—	900	—	—	—	1000
	容模尺寸 Tolerance Dimension	mm	200*200	200*200	200*200	175*175	250*300	250*300	250*300	220*220	325*350	325*350	325*350	300*300	325*350	325*350	300*300	450*450
Hydraulic power system 液电动力系统	最大液压 Max. Hydraulic Pressure	kg/cm ²	140				140			140				140			140	
	动作油量 Pump Output	L	120				120			160				260			260	
	油泵电机 Pump Motor power	KW	4				4			5.5				7.5			7.5	
	电热容量 Barrel Heating Power	KW	2.5				3.1			4.5				4.6			4.7	
	总功率 Total wattage	KW	6.5				7.1			10				12.1			12.2	
	冷却水排量 Cooling water capacity	L/min	15				15			25				35			35	
Other 其它	机器尺寸 Machine dimensions(L*W*H)	m	15*11*28	17*11*29	15*15*29	17*13*29	16*12*28	18*11*29	17*16*29	19*14*29	18*14*29	21*14*3	21*18*3	21*15*3	18*14*29	21*14*3	21*18*3	19*14*33
	机器重量 Machine weight	ton	15	17	19	22	2	22	24	29	27	3	33	4	28	31	34	41
	工作台高度 不含避震脚	mm	720	750	750	750	720	750	750	750	730	780	780	780	730	780	780	750

以上规格参数仅供参考，如有设计更改，恕不另行通知。

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TYC-	TYC-S	TYC-DS	TYC-R	TYC-	TYC-S	TYC-DS	TYC-R	TYC-	TYC-S	TYC-DS	TYC-R	TYC-	TYC-S	TYC-DS	TYC-R	TYC-	TYC-S	TYC-DS	TYC-R
850 314V				1200 690V				1600 926V				2100 926V							
Φ28	Φ32	Φ36	Φ42	Φ42	Φ46	Φ52	Φ52	Φ45	Φ50	Φ55	Φ55	Φ45	Φ50	Φ55	Φ55	Φ45	Φ50	Φ55	Φ55
110	144	183	249	332	398	509	509	397	471	593	593	397	471	593	593	397	471	593	593
98.8/3.4	129/4.5	163/5.7	222/7.8	296/10.4	355/12.5	454/16	454/16	354/12.5	420/14.8	529/18.6	529/18.6	354/12.5	420/14.8	529/18.6	529/18.6	354/12.5	420/14.8	529/18.6	529/18.6
2848	2180	1722	1265	2218	2193	1716	1716	2333	1890	1561	1561	2333	1890	1561	1561	2333	1890	1561	1561
62	81	102	140	122	123	157	157	116	154	173	173	116	154	173	173	116	154	173	173
	108				94				72				65						
	Φ120				Φ120				Φ120				Φ150						
	4				4				4				5						
	30				30				30				30						
	35				35				40				40						
	85				120				160				210						
	7.2				10.5				10.5				16						
	200				250				300				350						
	350				400				500				500						
	550				650				800				850						
	70				100				100				120						
	2.3				3.9				5.3				7						
—	495*500	495*1100	—	—	590*725	590*1500	—	—	640*800	640*1600	—	—	695*950	695*1900	—	—	695*950	695*1900	—
—	500	570	—	—	750	750	—	—	800	800	—	—	950	950	—	—	950	950	—
—	—	—	1000	—	—	—	1224	—	—	—	1480	—	—	—	1600	—	—	—	1600
450*450	450*450	450*450	360*360	500*600	500*600	500*600	440*440	550*650	550*650	530*530	600*800	600*800	600*800	600*800	550*550	600*800	600*800	600*800	550*550
	140				140				140				140						
	260				460				500				600						
	11				15				18.5				22						
	4.7				10.7				10.8				12.5						
	15.7				25.7				29.3				34.5						
	40				45				50				55						
1.9*1.5*3.4	2.5*1.5*3.5	2.1*2.8*3.5	2.5*1.7*3.5	2.1*1.8*4.1	2.7*1.8*4.2	2.3*2.5*4.2	2.7*1.9*4.2	2.2*1.8*4.2	2.9*1.8*4.3	2.4*2.9*4.3	3*2*4.3	2.4*2*4.4	3.1*2*4.5	2.6*3.2*4.5	3.2*2.1*4.5	2.4*2*4.4	3.1*2*4.5	2.6*3.2*4.5	3.2*2.1*4.5
5.4	5.6	6.6	7	9	9.5	10	11.5	10	10.5	11	13	11	11.5	12	14	11	11.5	12	14
750	800	800	800	850	900	900	900	850	900	900	900	900	950	950	950	900	950	950	950

双色(多色)机系列

DOUBLE /MULTI COLOR INJECTION SERIES

采用双色(多色)机并搭配模具, 加工制造过程大幅度缩减, 比原先节省 2/3 的生产时间, 且双色(多色)一次成型, 减少因冷却收缩引起的品质问题。对于客户而言, 这不但大幅度降低生产成本, 同时也提高了产品品质而创造更高的利润空间。

Two sets of feed pipes fit one set of compound nozzle,double/ (multi color) machine is adopted andmoulds is matched, The processing andmanufacturing process are reduced greatly which saves2/3 of the original production time. Besides, the double(multi color) one-off molding reduces the qualityproblems caused by cooling shrinkage. For thecustomers, it not only reduce production costs ,but also improves the quality the products and creates more profit.

转盘双色注塑机系列

锁模力55-1000吨、注射量2×68G-2×740G

Rotary bi-color injection machine series

clamping force : 55ton-1000 ton, shot weight: 2x68g -2x 740g

固定式双色机系列

锁模力25-500吨、注射量2×30G-2×740G

Fixed bi-color injection machine series

clamping force: 25ton-500 tons, shot weight: 2x30g -2x 740g

中心转塔系列

锁模力40-350吨、注射量2×68G-2×509G

Center turret series

clamping force: 40ton- 350 ton, shot weight: 2x 68g- 2x 509g



ETU-2500.3R.2C.SF



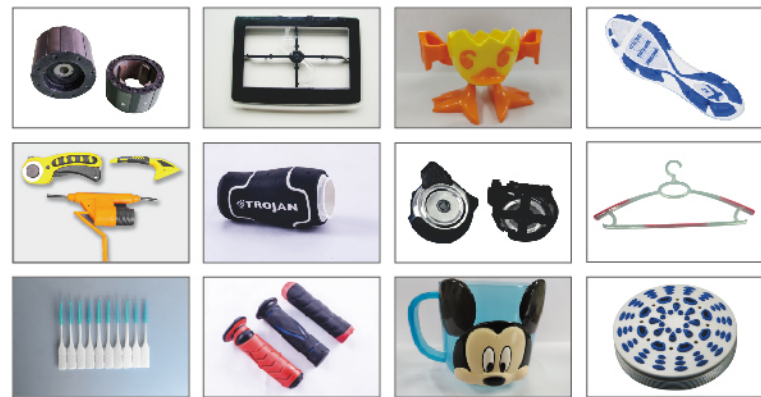
TY-1600.2C.ZT



TYM-2500.3R.2C



TYM-6500.2R.2C



射出系统 INJECTION SYSTEM	型号MODEL	单位 JNIT	A		B			C			D			E		F			G			H					
	螺杆直径 Screw Diameter	mm	Φ20	Φ22	Φ25	Φ22	Φ25	Φ28	Φ32	Φ25	Φ28	Φ32	Φ36	Φ42	Φ36	Φ42	Φ42	Φ46	Φ50	Φ46	Φ50	Φ52	Φ55	Φ60			
	理论射出容量 Theoretical Shot volume	cm³	31	38	49	39	51	64	84	65	82	107	136	110	144	183	249	213	290	311	373	441	398	471	509	617	734
	射出量 Max. Shot Weight (PS=1.05)	g/oz	28/0.9	34/1.2	43/1.5	36/1.2	46/1.6	57/2.0	75/2.6	58/2.2	73/2.5	96/3.3	121/4.2	98.8/3.4	129/4.5	163/5.7	222/7.8	190/6.7	259/9.1	278/9.5	333/11.5	394/13.9	355/12.5	420/14.8	454/16	551/19.4	655/23.1
	射出压力 Injection Pressure	kg/cm²	1968	1627	1260	2342	1814	1446	1107	2329	1857	1421	1123	2848	2180	1722	1265	2462	1809	2218	1849	1565	2232	1890	1747	2006	1685
	射出速率 Injection Rate	cm³/s	36	44	57	31	40	50	65	41	51	67	85	53	69	88	119	109	149	122	146	172	130	154	166	174	207
	定位环直径 The diameter of the locating ring	mm	Φ90		Φ90			Φ100			Φ120			Φ120		Φ120			Φ120			Φ150					
	温控区 Temperature Control	ZONE	2		3			3			4			4		4			4			5					
	料斗容量 Material Hopper Capacity	L	15		15			20			30			30		30			30			30					
	射出行程 Injection stroke	mm	100		105			134			180			200		240			240			250					
	喷嘴直径 The diameter of the nozzle	mm	R10°Φ2.5		R10°Φ2.5			R10°Φ2.5			R10°Φ3			R10°Φ3		R10°Φ3.5			R10°Φ3.5			R10°Φ3.5					
	喷嘴伸出模板 The nozzle sticks out	mm	20		25			30			35			35		35			40			45					
	电热容量 Barrel Heating Power	KW	2.5		3.1			4.5			4.7			5.2		10.7			10.8			16.8					

以上规格参数仅供参考, 如有设计更改, 恕不另行通知。
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立式圆盘双色成型射出系统规格表 INJECTION SYSTEM SPECIFICATION TABLE																				
机械型号 Machine Type		单位 JNIT	TY-500-2R-2C		TY-850-2R-2C		TY-1200-2R-2C		TY-1600-2R-2C		TY-2100-2R-2C		TY-2500-2R-2C		TY-3000-2R-2C		TY-4000-2R-2C		TY-5000-2R-2C	
适用射出系统 Option Injection System		series NO.	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
			A	AB	ABC	ABC	ABC	ABC	BCD	BCD	BCD	BCD	A	A	A	A	A	A	A	A
锁模系统 Clamping system	锁模力 Clamping Force	ton	55		85		110(2*55)		146(73*2)		200(2*100)		240(2*120)		310(2*155)		420(2*210)		500(2*250)	
	开模力 Opening Force	ton	8.3		13.5		15		17.3		19		21		23		30		35	
	圆盘直径 Round SetDiameter	mm	Φ700		Φ900		Φ900		Φ1000		Φ1224		Φ1224		Φ1480		Φ1600		Φ1600	
	最小模厚 Min Mold Height	mm	150/200		200/250		220/300		250/330		280/390		300/400		350/450		350/450		400/500	
	开模行程 Opening Stroke	mm	200		250		300		300		350		400		400		450		500	
	顶出力 Ejector Force t	ton	2.5		2.5		3.9		3.9		3.9		4.5		4.5		5.5		6	
	顶针行程 Ejector stroke	mm	50		50		75		75		75		100		100		120		120	
	最大液压 Max. Hydraulic Pressure	cm²	140		140		140		140		140		140		140		140		140	
液电力系统 power system	油箱容量 Oil tank capacity	L	180		250		310		340		360		450		600		650		750	
	油泵电机 Pump Motor power	KW(hp)	7.5 (10)		15(20)		18.5		18.5		22(30)		30(40)		37.5(50)		45(60)		60(80)	
	冷却水排量 Cooling water capacity	-	-		-		-		-		-		-		-		-		-	
其它 Other	机器尺寸 machine dimensions(L*W*H)	m	2.1*1.07*2.8		2.4*1.28*3.4		2.8*1.58*3.6		3.3*1.9*3.8		3.3*2.1*3.9		3.5*2.4*4.2		3.6*2.5*4.2		3.6*2.7*4.8		3.8*2.8*5.0	
	机器重量 Machine weight	ton	3.5		5.5		9		10		12		15		20		23		30	

TYL/TYU/TYM 超低工作台系列

TYL/TYU/TYM ULTRA LOW WORKBENCH SERIES

技术创举, 有效降低工作台面

TECHNOLOGY INNOVATION, EFFECTIVELY LOWERING THE WORKTABLE

“大禹”超低工作台系列联动锁模立式注塑机为“大禹”的专利产品，此机型从根本上解决了大型立式注塑机操作台面高、操作不便、更换模具繁琐、效率低下等运用难题，有效降低了工作台面及整机高度。在方便工作人员操作的同时，给客户节省了可贵的空间，将成为大型立式注塑机主流趋势。

Tayu ultra low workbench series linkage clamping injection molding machine is our great patent product. To solve the problems of large vertical injection molding machine such as height of the operation table, inconvenient operation, replacement of mould and low efficiency, TYU model machine reduce both the height of work table and whole machine to convenient workers operation and saving valuable space. **TYU series would be the main stream trend of large vertical injection molding machine.**

TYU-3500.2R.V4.SF.J

锁模力 CLAMPING FORCE

100-1000T

射出量 SHOT WEIGHT

100-2000G



TYL-1600



TYU-850.2R



TYM-1600S



CE系列

CE SERIES

“大禹”全系列产品均已获得欧盟强制安全 CE 认证，CE 系列机器是“大禹”在多年制造坚实基础上的延伸产品，部件取放区域均采用人机工程学设计，各部位的安全保护装置有效防止意外事故的发生。

All series products of TAYU have it's won CE Certificate. CE series machine is are the augmented products of TAYU on the stable basis of many years' manufacture. The taking and placing area for components adopts the ergonomic design, and all sections have safety protection devices to prevent accidents.



TY-850.3R.V4.J.SF.CE

“大禹”除将相关标准全部运用到出口至欧洲地区的产品之外，并将部分理念引入其它产品中，进一步提高产品的安全性能。

Except applying the relevant criteria to all the products to be exported to Europe, TAYU also introduce part of the concept into other products, so as to further improve the security of the products.



TYM-1200.2R.SF.J



TC-750

油电复合机型

OIL-ELECTRIC COMPOSITE MODEL

集电动射出与直压式合模性能优势于一体，突出高精度、高效率、高响应、经久耐用的高性价比优势。

It integrates the advantages of electric injection and straight-voltage mode combination, which highlights the advantages of **high precision, high efficiency, high response and durable** high price effective performance.

OIL ELECTRIC COMPOSITE MODEL | 油电复合机型



ET-600.2R



ETM-2100.J

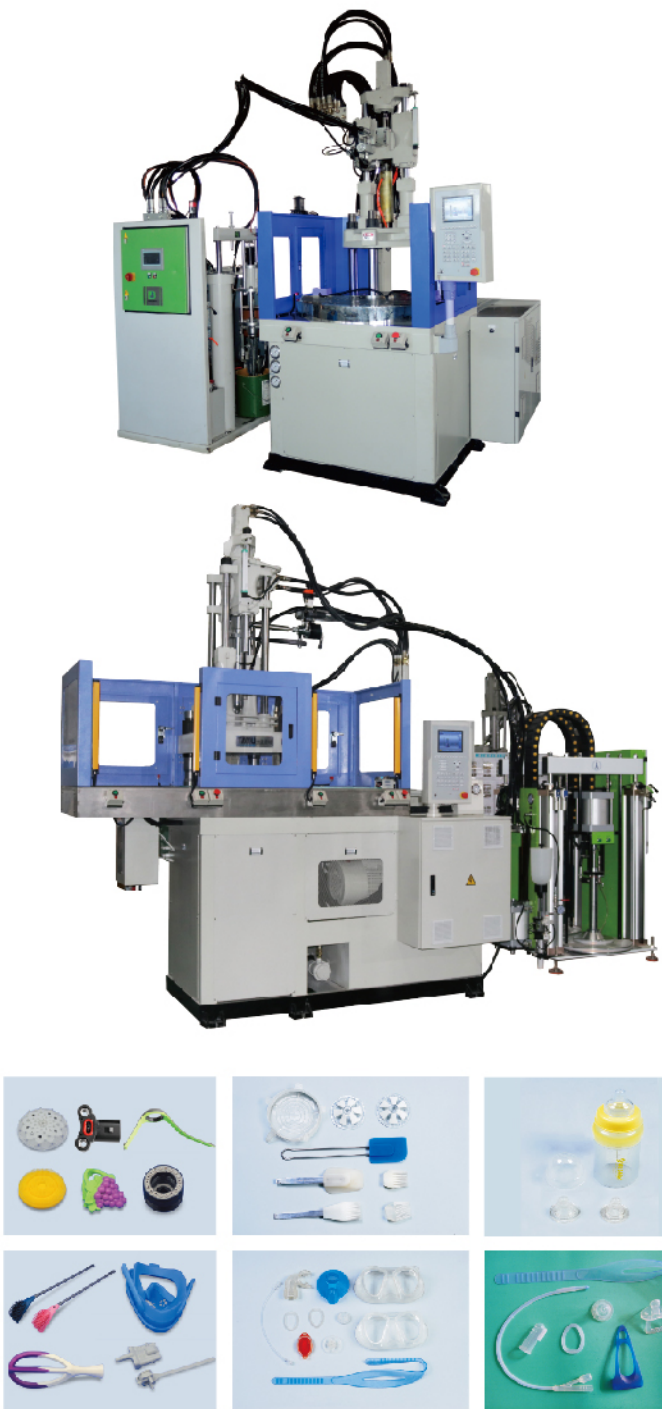


ETM-3500.2R

LSR液态硅胶系列 LSR LIQUID SILICONE RUBBER MACHINE SERIES

“大禹”拥有各种硅胶成型机的制造技术及经验，在电子电器、医护产品、厨房用品、妇婴用品、体育用品等多个领域广为运用，以凸显的高性价比及丰富的资源整合优势服务市场。

TAYU has possessed manufacturing technology and experience of various silica gel molding machines and the application of TAYU .Products has expanded to many fields such as medical products, kitchen articles, lady and baby articles, electron and electrical appliances, sports articles, etc and penetrated markets with outstanding higher cost performance ratio and rich resource allocation.



热固性BMC专用机系列 THERMOSET BMC SERIES

锁模力 25-500 吨，射出量 30g- 6000g 专用于 BMC(DMC) 团状模塑料加工，制品耐燃、耐腐蚀、耐温及高绝缘性，可提供注压，自动计量注射系多种机型。

Mold locking force 25-500 tons, injection volume 30g-6000g is specially used for BMC(DMC) bulk mold plastic processing, the products are fire resistance, corrosion resistance, temperature resistance and high insulation, which can provide injection pressure, automatic metering injection system of various types.



TK-1600S.2M.BMC



TK-1200.2R.BMC



TY-600.2R.BMC



BMC栓塞机
BMC EMBOLISM MACHINE

热固性电木专用机系列

THERMOSET BAKELITE SERIES

锁模力 20 吨 -350 吨, 注射量 50 克 -3000 克。
The mould clamping force is 20-350 tons, and the injection weight is 50-3,000 g

专用螺杆设计, 减少剪切热, 避免原料在料筒内固化。料管组件采用合金材料, 耐磨耐用。
The professional screw design can reduce the shear heat so as to avoid the raw materials solidify in the feed cylinder. The material tube component adopts alloy material, wear-resisting and durable.



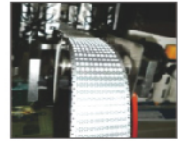
运用扩展

APPLICATION EXTENSION

个性化方案运用: 通过对产品特性的充分分析, 针对性地开发、运用, 以体现高效、节约成本等卓越性能。
Application of personalized scheme: Full analysis products are developed and applied with pertinency, so which high light the outstanding performances, such as high efficiency and cost saving.

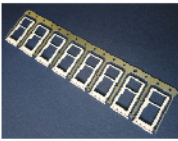
专用机通过组合注塑机、机械手系统和周边设备来满足各种要求的个性化解决方案。
Special machine through the combination of injection molding machine, manipulator system and peripheral equipment to meet various requirements of personalized solutions.

从项目规划、应用技术开发、现场实施和运行到全面服务, “大禹” 在多个领域为客户提供个性化和完整的解决方案。
TAYU Company provides customers with individualized and complete solutions in this field from project planning development of applied technologies field implementation and operation to overall service.



TY-APC系列
TY-APC Series

自动拉送带 (LED) 连续成型机
Automatic pull to send (LED) and transmission belt continuous moulding machine



精密微量高速机

Precision micro high speed machine



TC-1200DL
预分支电缆专用机

Special Machine For Pre-branching Cable



汽车密封条专用机

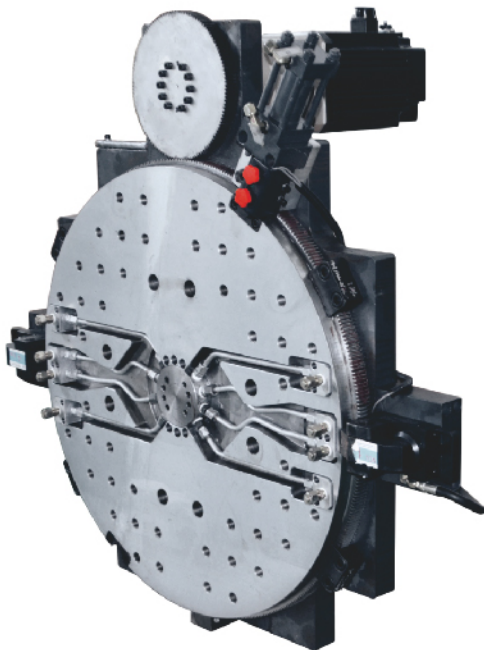
Special Purpose Machine For Automobile Stamping Steel Ribbon

多色辅助射台

MULTI COLOR AUXILIARY INJECTION UNIT

用于客户现有注塑机改制成多色注塑机，有顶置式、侧置式、平行式、带转盘式等多种结构，独立油电气控制，可任意设置启用、关停，具有射嘴行程、射嘴中心距调整等功能。

It is used for customers to change from the existing injection molding machine into multi-color injection molding machine, with various structures such as overhead type, side type, parallel type, belt rotary type and so on.



液压单元选配参考

MATCHING REFERENCE FOR HYDRAULIC UNIT

No.	系统名称 System name	Proiec 项目	应答性 (ms) Responsiveness (ms)	重复性 (%) Repeatability (%)	噪音 (Hb) Noise(Hb)	节能 (%) Enrgy-saving(%)
A	PQ 开环系统 PQ open-loop System		80	3	75-85	-
B	精密半闭环系统 Precise semiclosed-loop system		30-75	0.5	45-85	-
C	省电闭环系统 Eledrioty saving cosed Hoop sysem		30-75	0.5	65-75	20-40
D	省电高精度全闭环系统省电 20-40% Electricity-saving closed-loop system Electricity- saving 20-40%		60-40	0.3	60-70	40-50
E	高精度射出全闭环系统重复精度 0.1-0.15% High-precise injection full closed-loop system Repeat precision 0.1-0.15%		25-35	0.1	75-85	-
F	SP-ACC 高速系统射速 600mm/Sec SP-ACC high-speed system Shot rate 600mm/Sec		25-35	0.1	75-85	-

A. PQ 开环系统 PQ open-loop system

双比例阀
Double-proportion valve



B. 精密半闭环系统 Precise semiclosed-loop system

BOSCH 高应答 (半闭) PQ 阀
BOSCH High-responsive(semi closed) PQ valve



C. 省电闭环系统省电 20-40% Electricity- -saving closed- -loop system Electricity- saving 20-40%

BOSCH 电子闭环变量泵
BOSCH Electronic closed-loop variable displacement pump



D. 省电高精度伺服全闭环系统省电 40-50% Electricity- saving high-precisefull closed-loop systemElectricity- saving 40-50%

BOSCH 伺服泵
BOSCH Servo pump



E. 高精度射出全闭环系统重复精度 0.1-0.15% High-precise injection full closed-loop system Repeat precision 0.1-0.1 5%

BOSCH 伺服阀
BOSCH Servo valve



F. SP-ACC 高速系统射速 600mm/Sec SP-ACC high-speed system Shot rate 600mm/Sec

ACC



电气控制单元产品优势

ELECTRICAL CONTROL UNIT PRODUCT ADVANTAGES



- ◆ 采用高速 DSP (数字信号处理器) 芯片，运算能力强大；
- ◆ 采用 8.0 LED 液晶显示屏，分辨率高，画面清晰；
- ◆ 单板式设计，便于维护，方便安装；
- ◆ 温度控制，PID 自动优化 ($\pm 1^{\circ}\text{C}$)；
- ◆ 使用 USB 进行程式在线更新，200 组模组参数可储存至电控内；

- ◆ High speed DSP(digital signal processor) chip, advanved computational power;
- ◆ 8.0 LED LCD screen, high resolution, clear screen;
- ◆ Single board design, easy to maintain, easy to install;
- ◆ Temperature control PID automatic optimization $\pm 1^{\circ}\text{C}$
- ◆ USB to update the program online 200 module parameters can be stored in the electronic control.



- ◆ 采用电阻式彩色触摸屏；
- ◆ 强大英特尔处理器，高效精准的 CPU 控制，程序扫描周期：2ms；
- ◆ 动作顺序在线可编程；
- ◆ 动作斜率自动调整；
- ◆ 稳定的温度控制 ($\leq \pm 0.5^{\circ}\text{C}$)；
- ◆ 远程故障诊断 (REPEAT 功能解决)；
- ◆ 通过 VARAN 总线实现分布式控制，便于模块拓展；

- ◆ Adopt resistive color touch screen;
- ◆ Powerful Intel processor, efficient and accurate CPU control, program scanning cycle: 2ms;
- ◆ Action sequence online programmable;
- ◆ Automatic adjustment of action slope;
- ◆ Stable temperature control ($\leq \pm 0.5^{\circ}\text{C}$);
- ◆ Remote fault diagnosis (REPEAT function solution);
- ◆ Implementing distributed control by VARAN highway with facilitate module expansion.

性能与装置

PERFORMANCE & EQUIPMENT

通用性能

- ◆ 下模固定，上模活动，适合嵌入件注塑成型。
- ◆ 氮化钢螺杆、料管，高扭矩液压马达驱动，多段注塑压力，塑化性能好。
- ◆ 直压式子母锁模缸设计、高速低压合模、多重压力控制，提高模具使用寿命，安全性高。
- ◆ 电器保护装置，无误动作发生，维护操作人员安全。
- ◆ 射座可自动升降，方便模具、原料更换。

GENERAL PERFORMANCE

- ◆ Fixed lower platen, movable upper platen mounting, suitable for all kinds of insert molding.
- ◆ Nitrided steel screw and barrel, direct driven by high torque motor, with multistages injection speed for better. Suitable for most kinds of plastic material.
- ◆ Vertical clamping system, with high-speed, low pressure control, safe and prolong mold using-life.
- ◆ Electronic circuit have protection device to maintain operation safety.
- ◆ Movable injection it for easy replacement of material and mold.

标准装置

- ◆ 安全光栅装置
- ◆ 螺杆冷却保护装置
- ◆ 紧急停止安全开关
- ◆ P.I.D 比例式温度控制
- ◆ 自动故障显示及停机
- ◆ 全电脑萤屏显示电控
- ◆ 双押扣开关安全启动装置
- ◆ 快速锁模，低压安全锁模装置
- ◆ 自动送料装置

STANDARD EQUIPMENT

- ◆ Optical grating.
- ◆ Screw cool-protect equipment.
- ◆ Emergency stop safety switch.
- ◆ P.I.D. proportional temperature control.
- ◆ Auto malfunction display and stop working.
- ◆ Micro computer screen control system
- ◆ Double-way safety start up switch.
- ◆ High speed, low pressure safety clamping device.
- ◆ Auto clean equipment.

特殊装置

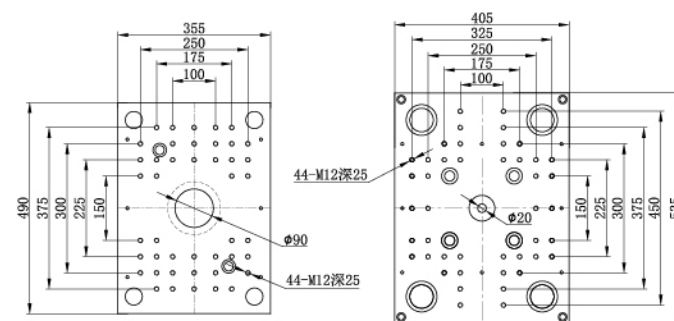
- ◆ 滑板台可加设单模滑板或双模滑板装置，能提高生产效率至 30%-50%。
- ◆ 转盘台可加设双模位或三模位转盘装置，安全省时，能提高生产，效率至 40%-80%。
- ◆ 自动化嵌入件系统（专用机设计）
- ◆ 热固性注塑成型系统。
- ◆ 高耐磨耐腐蚀螺杆料筒组。
- ◆ 自动润滑（自动集中供油装置）

SPECIAL EQUIPMENT

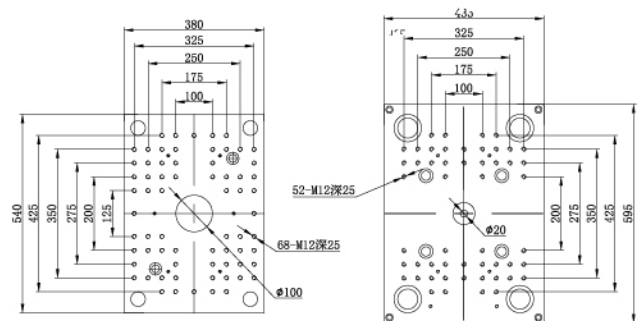
- ◆ Single plate or double plate are available. Increase production efficiency up to 30-50%.
- ◆ Rotary table 2 to 3 stations rotary system are available, increase production efficiency up to 40-80% safely.
- ◆ Automatic insert system (special design).
- ◆ Thermosetting injection system.
- ◆ Abrasion resistant and corrosion resistant screw set.
- ◆ Auto-filling lubricant system.

模板尺寸

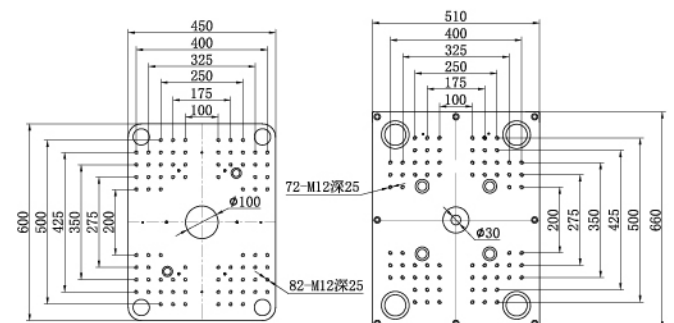
PLATEN SIZE



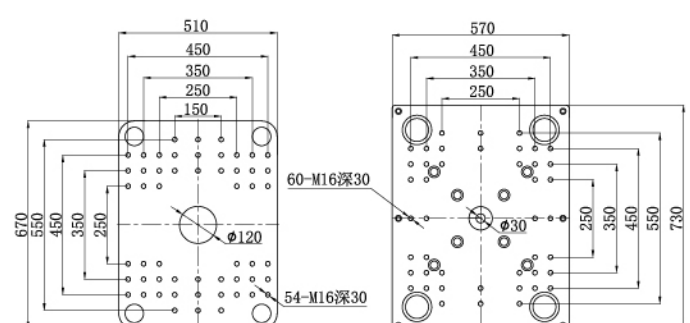
TY-350(200)



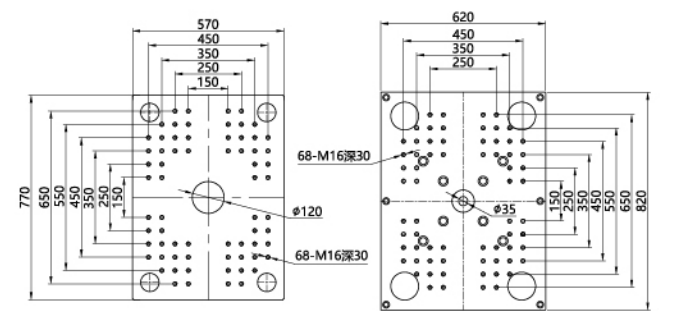
TY-400



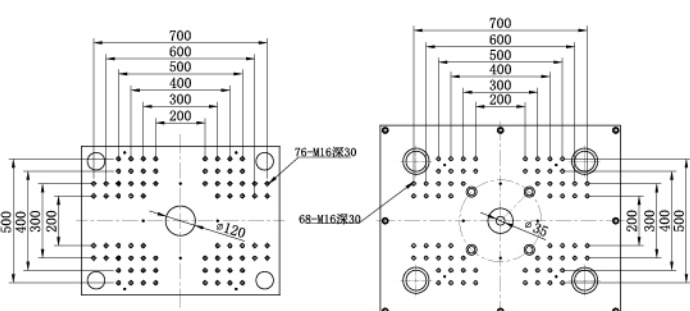
TY-600



TY-850 (TY-700)



TY-1000



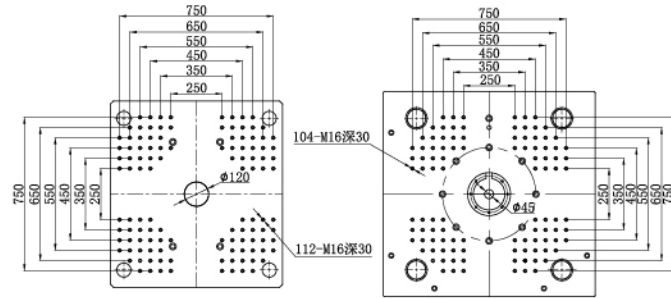
TY-1200

选配置置 Optional Equipment

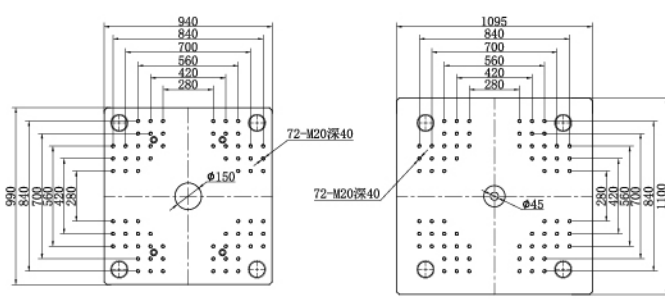
- | | | | |
|--------------|--|----------------|--|
| ◆ 弹簧料嘴装置 | Spring nozzle | ◆ 热流道内置集成 | Heat flow' s imbedded integrated circuit |
| ◆ 自动警报装置 | Auto alarm device | ◆ 液压举模装置 | Hydraulic mold-heaving device |
| ◆ 特殊液压单元配置 | Double-proportional pressure and flow control | ◆ 欧规强制顶针 | European-standardized compulsory ejector |
| ◆ 特殊电气控制单元配置 | Special dynamo-electric control unit configuration | ◆ 上顶出结构 | Upper ejection structure |
| ◆ 干燥料斗或自动吸料机 | Special hydraulic unit configuration | ◆ 模具温度显示（显示屏内） | Mold temperature monitor |
| ◆ 抽芯装置 | Drawer equipment | ◆ 液压射嘴 | Hydraulic nozzle |
| ◆ 拉链机吹气装置 | Zipper machine huff-setting | ◆ 气动料斗滑块 | Air-driving slide block of hopper |
| ◆ 机械保护装置 | Mechanical Protection Equipments | ◆ 横开式安全门 | Horizontally-opening safety window |
| ◆ 电磁快速换模系统 | Swift electromagnetic mold switching system | ◆ 特殊原料专用螺杆 | Specialized screw for special material |
| ◆ 液压快速锁模系统 | Swift hydraulic mold-clamping system | ◆ 模腔压力反馈监测 | Monitor of the pressure of mold's interior |
| ◆ 加长开模行程 | Elongated opening stroke | ◆ 可视分水阀 | Visible water-distributing valve |
| ◆ 热流道时序控制装置 | Heat flow' s chronological control system | ◆ 油温恒温 | Maintenance of constant oil temperature |
| ◆ 模板 T 型槽 | Platen T slot | ◆ 隔热板 | Heat shield |

模板尺寸

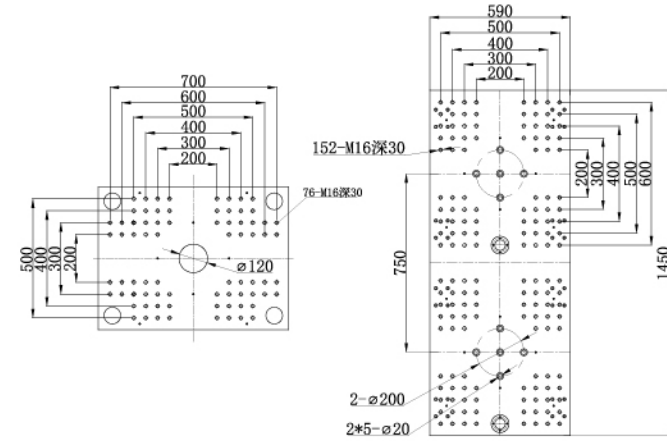
PLATEN SIZE



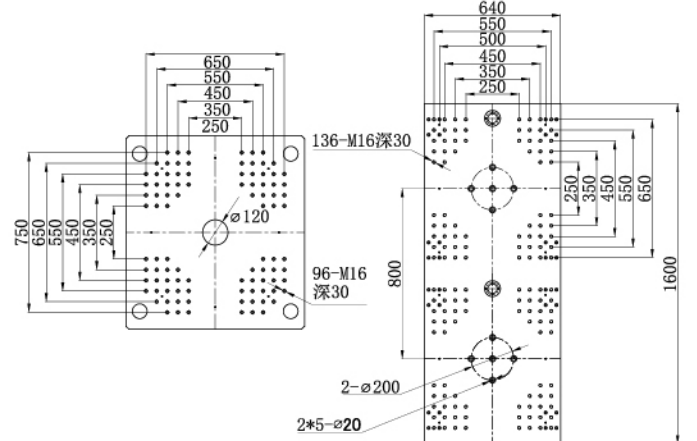
TY-1600



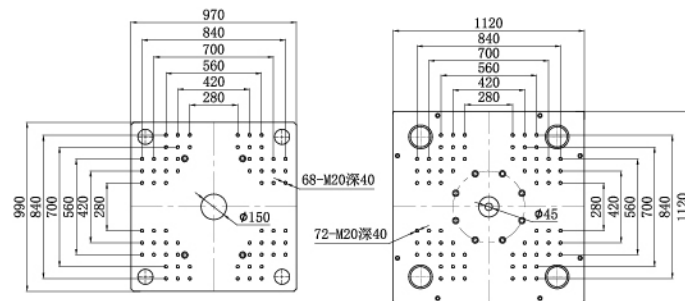
TY-2100



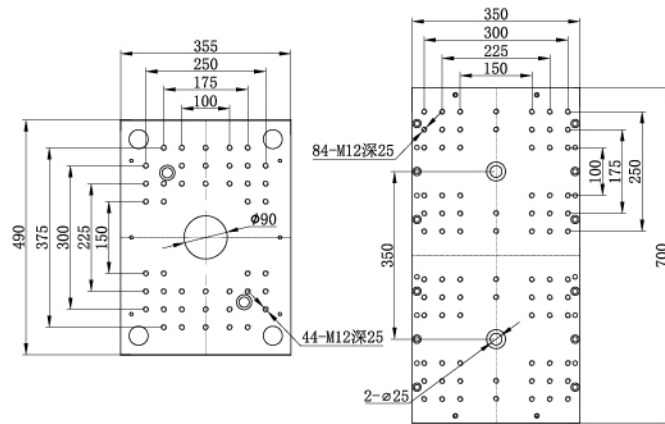
TY-1200DS



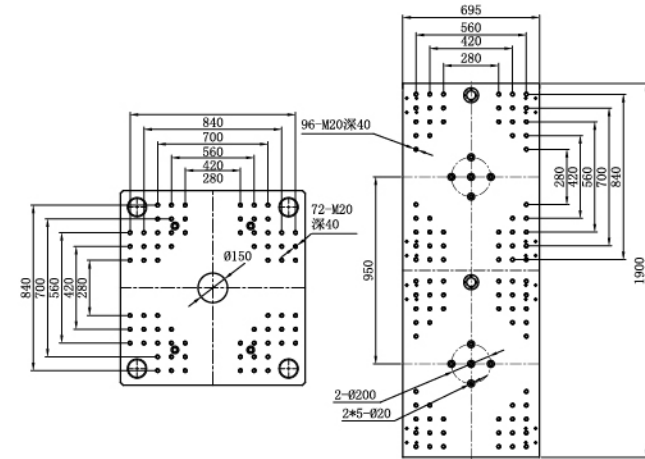
TY-1600DS



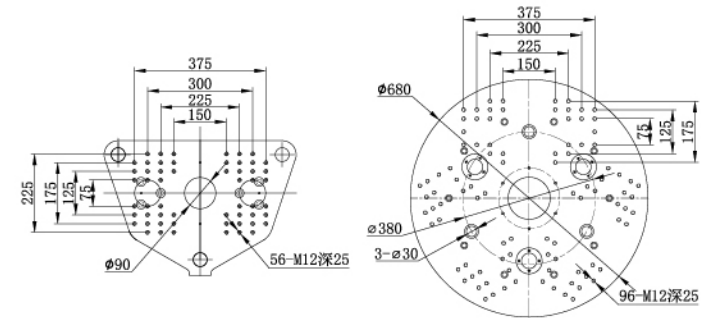
TY-2500



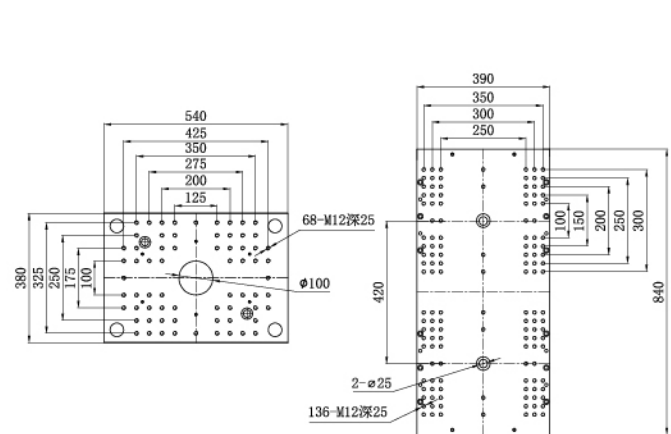
TY-200DS



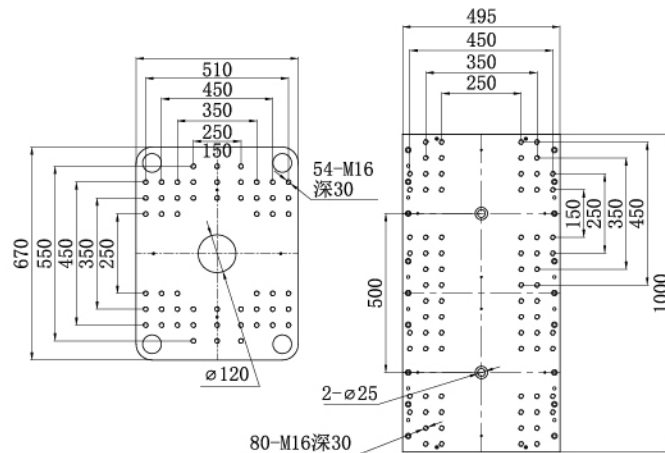
TY-2100DS



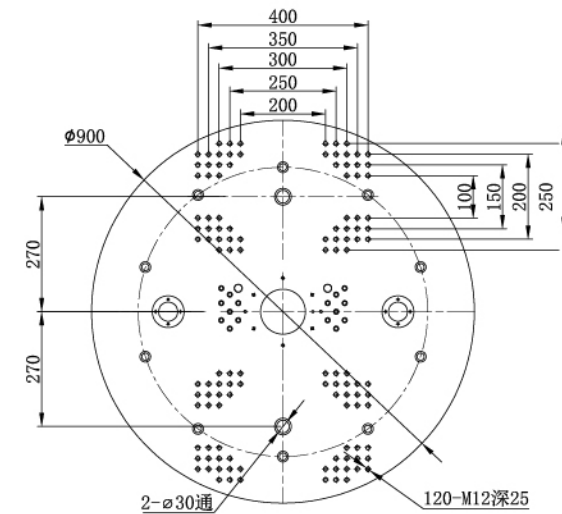
TY-200.3R



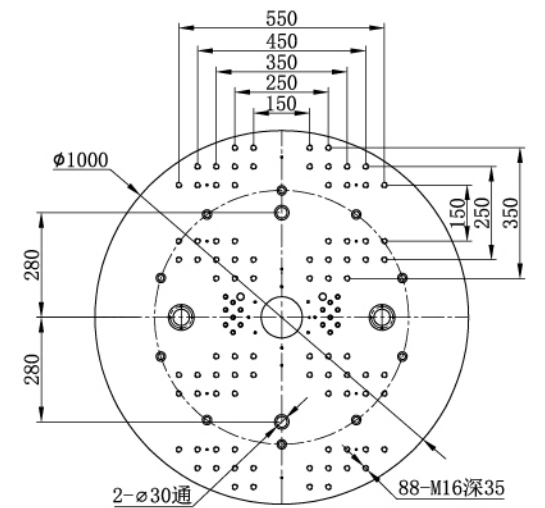
TY-400DS



TY-850DS (TY-700DS)



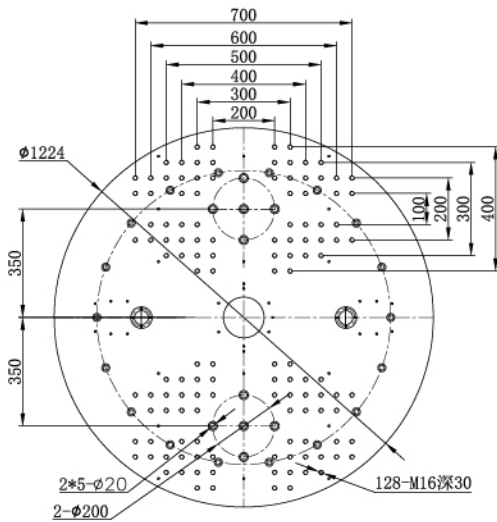
TY(TK)-600.2R
(400.2R)



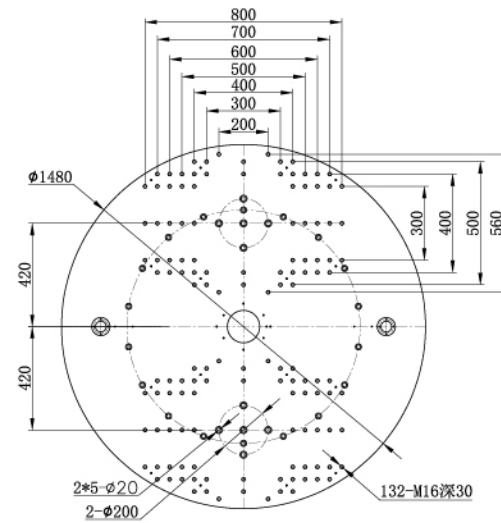
TY-850.2R(TK).900.2R
(TY-700.2R)

模板尺寸

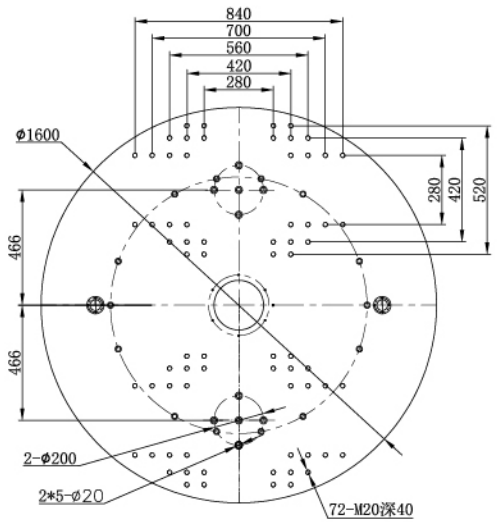
PLATEN SIZE



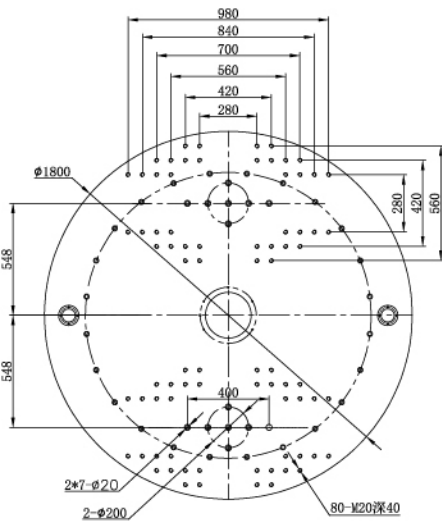
TY(TK)-1200.2R



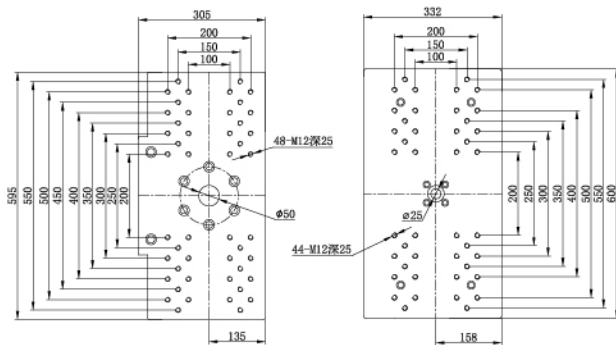
TY(TK)-1600.2R



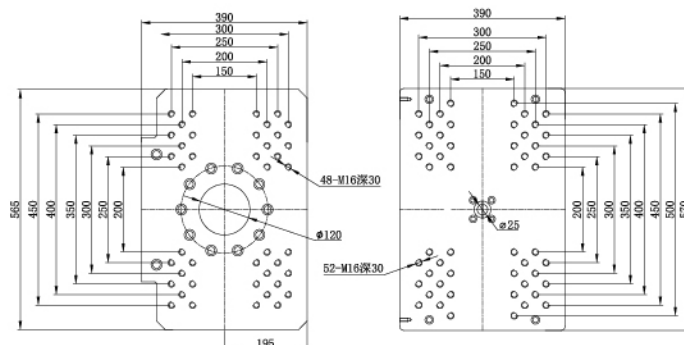
TY(TK)-2100.2R



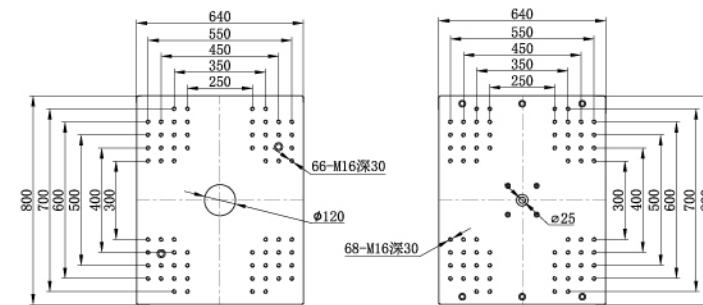
TY(TK)-3500.2R



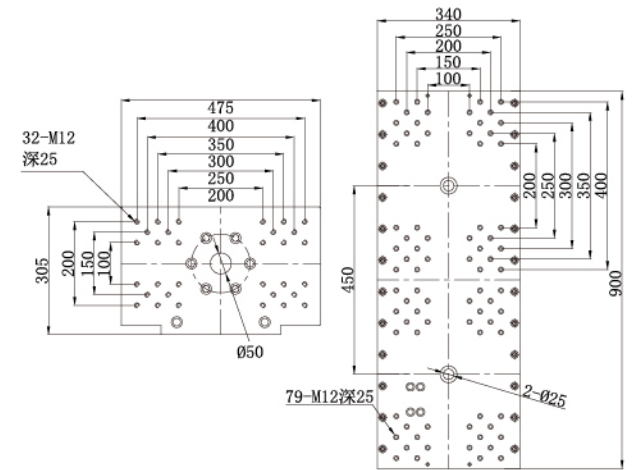
TC-450



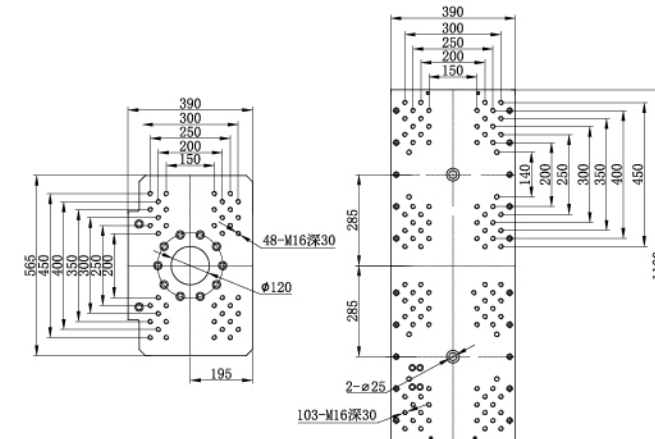
TC-750



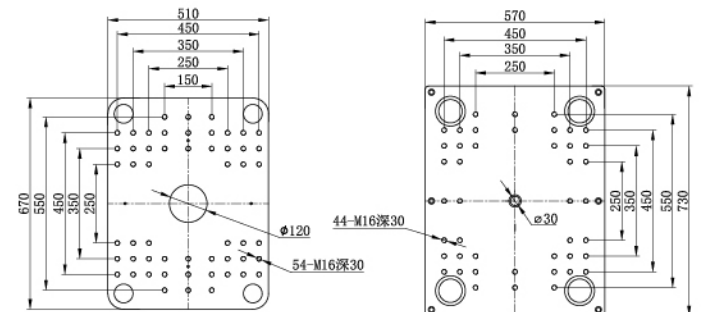
TC-1200



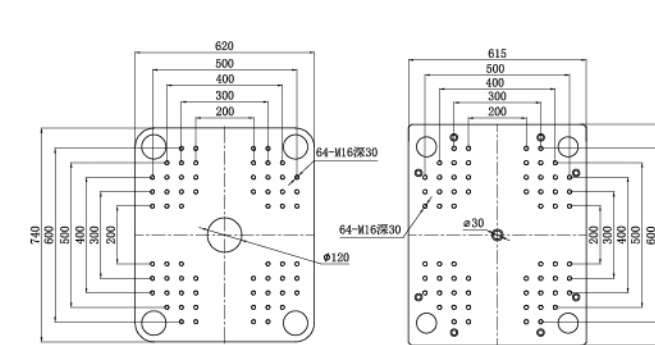
TC-450DS



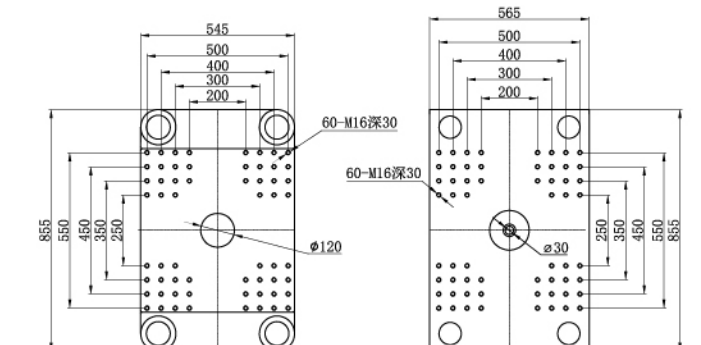
TC-750DS



TK-700



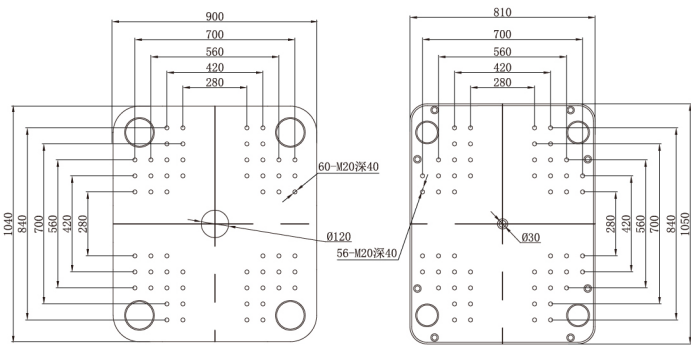
TK-900



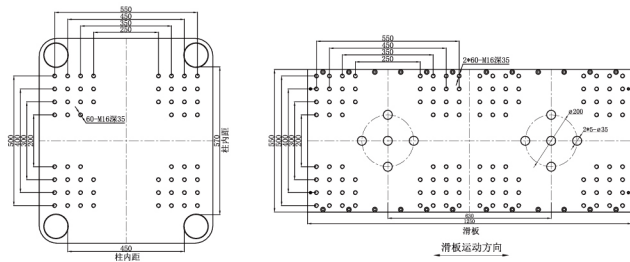
TK-1600

模板尺寸

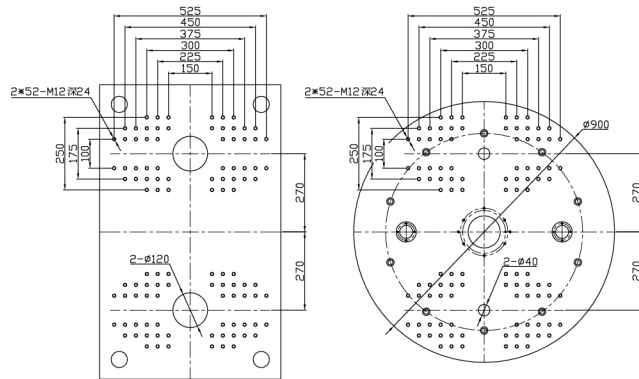
PLATEN SIZE



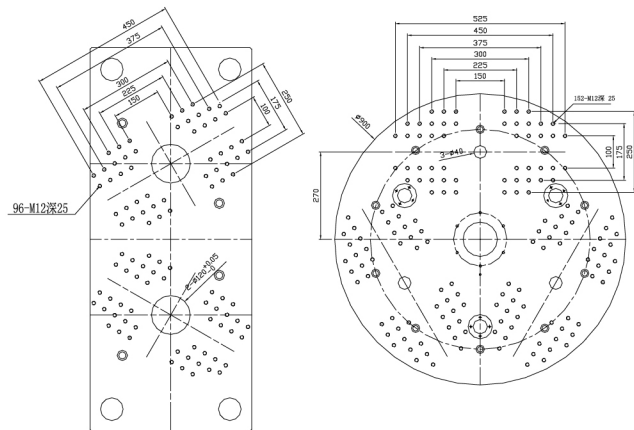
TK-2100



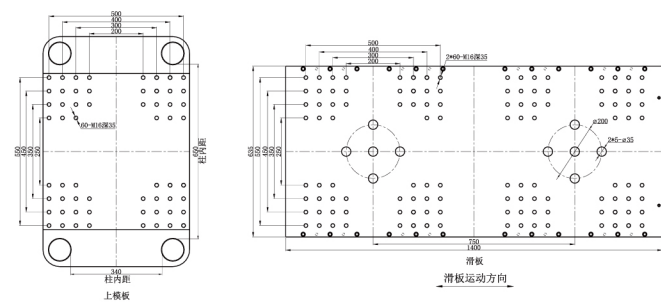
TK-1200DS



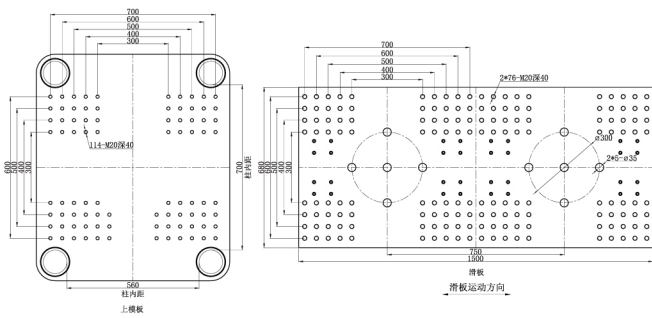
TY-850.2R.2C



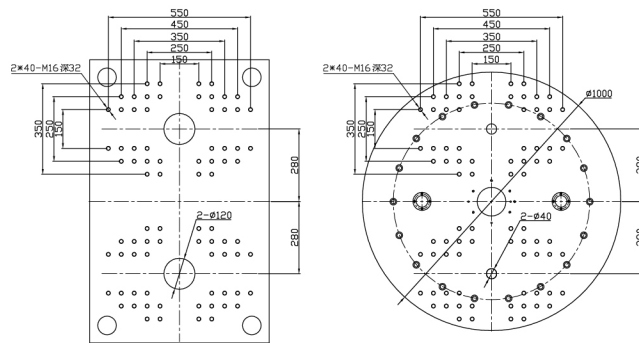
TY-850.3R.2C



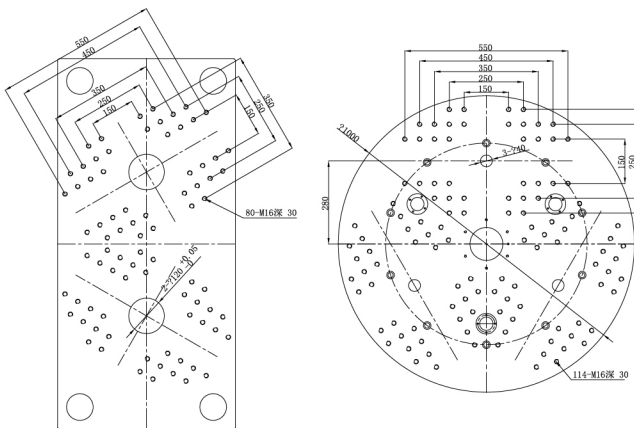
TK-1600DS



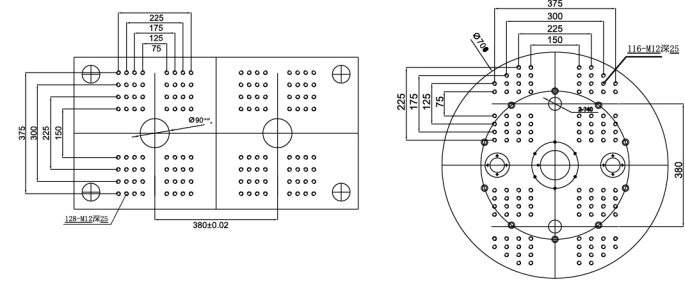
TK-2100DS



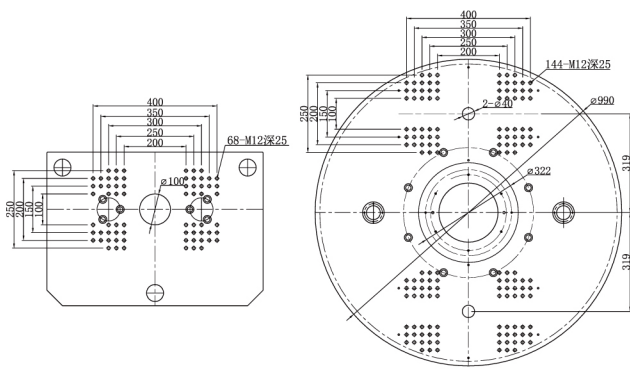
TY-1200.2R.2C



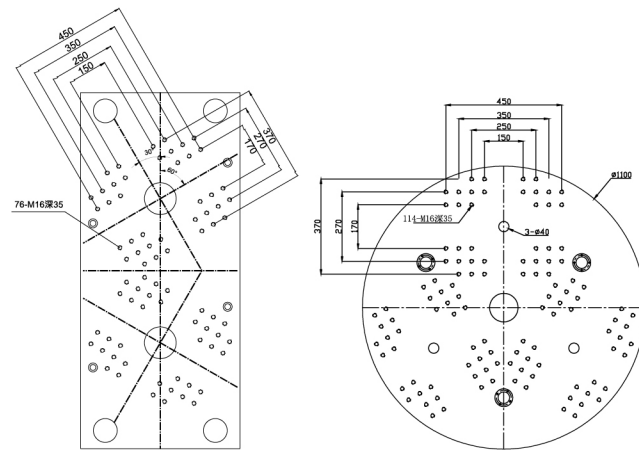
TY-1200.3R.2C



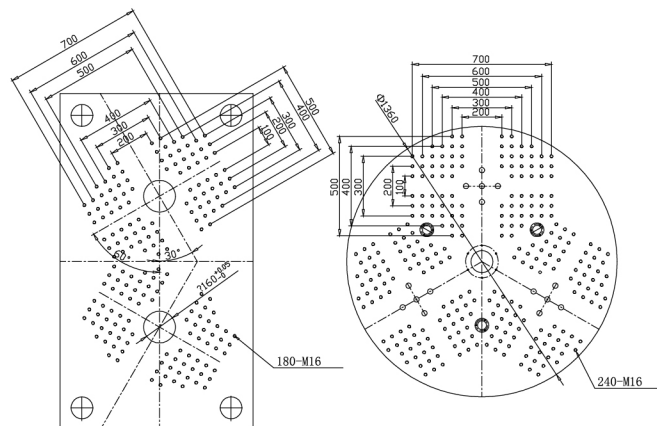
TY-600.2R.2C



TY-1200.2R.2M.2C



TY-1600.3R.2C



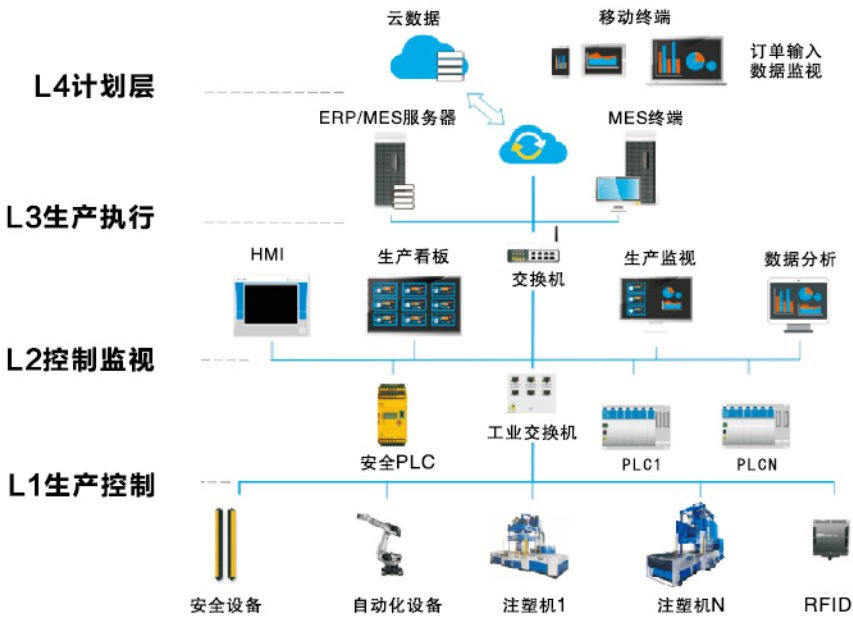
TY-2500.3R.2C

智能工厂解决方案

SMART FACTORY SOLUTIONS

智能工厂架构

SMART FACTORY ARCHITECTURE



MES系统智能工厂物联信息系平台

MES SYSTEM SMART FACTORY IOT INFORMATION SYSTEM PLATFORM

1 基于实时生产信息采集功能实现的生产状态监控功能和现场看板，为 JIT 及时生产模式提供有力的管理工具。



3 通过与 ERP 的对接和通信，实现 PMC 对订单的拆分，排程，机台下载，确保生产进度和交期的集中管控。



2 OEE 和 KPI 数据实时生成现场管理提供数据支持和决策依据。



4 对接各种品质传感元件和数据输入端子，为 SQC 质量管理体系提供实时数据支持。



5 基于系统内部 TPM 模块，实现工装系统的预防保养系统，实现工装利用率的最大化。



6 基于操作人员的刷卡绑定，实现对机器无效时间 DOWN TIME 监控和分析，通过透明的机器时间管理推进生产效率的提升。



面向不同发展阶段客户的仓储信息化解决方案

—— WMS(WAREHOUSE MANAGEMENT SYSTEM)

具有成熟 ERP 应用经验客户

- ▶ 帮助客户启用 ERP 的 WMS 模块
- 和 ERP 供应商对接实现 MES 与 WMS 的通信接口联通
- 为客户提供数字化仓储的硬件实现方案
- 为客户订制 PDA 应用程序
- 实现出入库，库位管理，盘点，调货等信息化管理

具有成熟 ERP 应用经验客户

- ▶ 为客户单独开发内嵌式 WMS 模块
- 支持客户已最低成本配置数字化仓库的软硬件
- 实现数字化仓储基本功能，节省 ERP 上线成本

面向生产车间的生产/品质/模具过程管理解决方案

—— PMS (PROCESS MANAGEMENT SYSTEM)

本系统基于精益生产理念，以注塑工厂核心资源模具管理为主体链接生产技术管理，品质管理和模具维修保养管理，以信息化过程管理支持精益生产的持续改进实时的模具状态为 PMC 排产提供可靠的技术依据。

面向中央供料系统的原料管理解决方案

—— MMS(MATERIAL MANAGEMENT SYSTEM)

- ▶ 在 ERP 系统内建 立配方 BOM 并开放接口
- ▶ 通过计量装置采集和联网技术，MMS 实现各组原料的实时消耗数据传送，并生成原料管理数据库
- ▶ MMS 与 ERP 对接，订单配方通过系统下达，直接调整计量系统参数，实现 PMC 远程操控生产配方，确保原料消耗的全程闭环控制
- ▶ MMS 系统按需求生成原料管理报表

