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台富机械(台湾)有限公司
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东莞市台富机械有限公司
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www.dg-taifu.com
国内



dg-taifu.en.alibaba.com
国际



台富立式注塑机
TAIFU Vertical Injection Molding Machine

怕机器不稳定, 怕服务不好, 选台富立式机

Worried About Machine Instability and Poor Service?
Choose TAIFU Vertical Injection Molding Machine

ISO质量体系认证和CE认证

ISO quality system certification and CE certification

射出精度达 $\pm 0.1\text{mm}$

The shooting accuracy is up to $\pm 0.1\text{mm}$



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面向国际市场的品质

引进德国和日本先进技术

Quality for the international market

Introducing advanced technologies from Germany and Japan

年产能3000多台

机型可生产15~1800吨

射出量可2~10000g

Annual production capacity more than 3,000 units

Model can produce 15~1800 tons

The injection volume can be 2~10000g



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关于我们

专注创新

About us

Focus on innovation

东莞市台富机械有限公司，专业从事立式塑胶射出成型机的规划、设计、制造、销售与服务。公司通过ISO9001质量体系认证、CE认证。是国家高新技术企业，发明专利、实用新型专利以及高新技术产品认定百余项。拥有以CNC、大型龙门加工中心为主、三次元、二次元检验设备为辅的全系列加工及检验设备，研发制造出大批高精度注塑机。助力客户建立高效、高性价比的强力竞争优势。在快速、安全、耐用、稳定性方面得到客户的一致好评。

台富拥有强大的经营阵容以及技术领先的研发团队，在嵌入注塑成型、多色多物料注塑成型、热固成型（BMC、电木、LSR）、金属粉末注塑成型、高精度高射速成型等领域积累了大量的技术与经验，可为客户提供集设备、模具、自动化于一体的站式成型解决方案。

我们研发生产的注塑机涵盖范围非常广：锁模力从15吨-1800吨，射出量从3克-10000克。公司产品广泛应用于各行各业的塑料制品生产中，例如：汽车零部件制造、包装用品、医疗

用品、家用电器、3C电子、军工、日化、五金工具等各行业。

主要产品有：立式标准、立式单滑、立式双滑、立式2/3/4/多工位圆盘、C型、立锁卧射、双色多色、双物料多物料、亦可按客户需求非标定制。全系列注塑机针对性地选配液压伺服闭环系统、氮气辅助快速射出等，为今天的节能、低碳、高效注塑作出了一定的贡献。同时为提高生产效率针对不同行业客户需求，我们还特别研发了具有高度行业特性的专用机。例如：直播支架专用机、LCP连接器专用机、光学镜片专用机、热固性BMC/DPA专用机、液态硅胶专用机等，还可提供生产技术支持和成型工艺的咨询，甚至整厂规划，以最大程度满足不同行业的客户需求、让客户在各自的领域内取得强劲的竞争力和盈利能力。

如今，在激烈的市场竞争中，台富将一如既往地秉持着“关心客户，善待员工”的理念，以客户满意为中心，以“品质、诚信、专业、创新”为经营准则，不断为新老客户提供更多的优越产品。欢迎新老客户来函来电，精诚合作，携手并进！



Dongguan Taifu Machinery Co., Ltd. specializes in the planning, design, manufacturing, sales and service of vertical plastic injection molding machines. The company has passed ISO9001 quality system certification and CE certification. It is a national high-tech enterprise with more than 100 invention patents, utility model patents and high-tech product certifications. It has a full range of processing and inspection equipment, mainly CNC and large gantry machining centers, supplemented by three-dimensional and two-dimensional inspection equipment, which has developed and manufactured a large number of high-precision injection molding machines. Help customers establish efficient, cost-effective and strong competitive advantages. It has won unanimous praise from customers in terms of speed, safety, durability and stability of machines.

Taifu has a strong business lineup and a technologically advanced R&D team, and has entered the fields of injection molding, multi-color and multi-material injection molding, thermoset molding (BMC, Bakelite, LSR), metal powder injection molding, high-precision, high-injection rate molding, etc. We have accumulated a lot of technology and experience and can provide customers with one-stop molding solutions integrating equipment, molds and automation.

The injection molding machines we develop and produce cover a very wide range: the clamping force ranges from 15 tons to 1,800 tons, and the injection volume ranges from 3 grams to 10,000 grams. The company's products are widely used in the production of plastic products in various industries, such as: auto parts manufacturing, packaging supplies, medical supplies, household appliances, 3C electronics, military industry, daily chemicals, hardware tools and other

industries.

The main products we have vertical standard, vertical single slide, vertical double slide, vertical 2/3/4/multi-station rotary table, C type, vertical clamping horizontal injection, two-color and multi-color, two-material and multi-material, and can be customized according to customer needs. The entire series of injection molding machines are equipped with hydraulic servo closed loop system, nitrogen-assisted rapid injection, etc., which have made certain contributions to today's energy-saving, low-carbon, and efficient injection molding. At the same time, in order to improve production efficiency and meet the needs of customers in different industries, we have also specially developed special machines suitable for highly industrial characteristics. For example: special machines for live broadcast brackets, LCP connectors, optical lenses, thermosetting BMC/DPA, liquid silicone, etc. We can also provide production technical support and molding process consultation, and even complete factory planning to maximize to meet the needs of customers in different industries to a certain extent, allowing customers to achieve strong competitiveness and profitability in their respective fields.

Nowadays, under the fierce market competition, Taifu will continue to adhere to the concept of "caring about customers and treating employees well", focusing on customer satisfaction, taking "quality, integrity, professionalism, innovation" as its operating principles, and constantly creating new products. Customers are provided with more superior products. Welcome you to send letters and calls, sincerely cooperate and go hand in hand!

荣誉资质

荣誉 印证辉煌

Honor & Qualification
Honor, confirming the glory

荣誉，意味着肩负更大的责任，印证了我们昨日的辉煌，
记录了我们今日的收获，也确定了我们明日新的起点。

Honor means shouldering greater responsibilities, confirming our
brilliance of yesterday, recording our today's harvest, and setting a
new starting point for tomorrow.



台富在生产上拥有完善的生产管理、质量检验体系，并荣获相关荣誉证书，确保每一台设备出厂后品质稳定；在销售上为客户提供合理的价格、良好的售后服务体系，让每一位客户在选用和使用我们的产品的同时都能称心如意。

台富以客户满意为中心，以品质、诚信、专业、创新为准则，持续改进是我们永恒的追求...

Taifu has a perfect production management and quality inspection system, and has won relevant honorary certificates, which can ensure constant quality of each machine. Provide customers with reasonable prices and good after-sales service system in sales, so that every customer can be satisfied with choosing and using our products at the same time.

Taifu is centered on customers and satisfaction, and is guided by quality, integrity, professionalism and innovation. Continuous improvement is our eternal pursuit...



研发设计
R&D Design



精密加工设备
Precision processing equipment



二次元
Two dimensions



三次元
Three dimensions



哥林柱检测
Tiebar detection



调试车间
Commissioning workshop

性能装置

Performance Device

标准装置

Standard Device

- ◆ 安全光栅装置 Safety grating device
- ◆ 紧急停止安全开关 Emergency stop safety switch
- ◆ P.I.D比例式温度控制 P.I.D proportional temperature control
- ◆ 自动故障显示及停机 Automatic fault display and shutdown
- ◆ 双压扣开关安全起动装置 Double push button switch safety starting device
- ◆ 快速锁模，低压安全锁模装置 Fast mold clamping, low pressure safety mold clamping device
- ◆ 自动洗料装置 Automatic washing device

选配装置

Optional Device

- ◆ 弹簧、油压、气动料嘴装置 Spring, hydraulic and pneumatic feed nozzle devices
- ◆ 特殊液压单元配置 Special hydraulic unit configuration
- ◆ 干燥料斗或自动吸料机 Drying hopper or automatic suction machine
- ◆ 抽芯装置、吹气装置 Core pulling device, air blowing device
- ◆ 转盘伺服系统 Turntable servo system
- ◆ 机械保护装置 Mechanical protection device
- ◆ 抽真空装置 Vacuuming device

特殊装置

Special Device

- ◆ 滑板式可加设单模滑板或双模滑板装置，双模滑板能提高生产效率30%-50% The slide type can be equipped with a single-mode slide or a dual-mode slide device. The dual-mode slide can increase production efficiency by 30%-50%.
- ◆ 转盘式可加设双模位或叁模位转盘装置，安全省时，能提高生产效率40%-80% The turntable type can be equipped with a double-mode or three-mode turntable. installation, safe and time-saving, can improve production efficiency 40%-80%
- ◆ 自动化嵌入件系统(专用机设计) Automated embedded parts system (special machine design)
- ◆ 热固性注塑成型系统 Thermoset injection molding systems

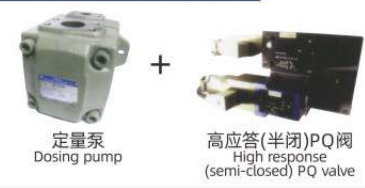
液压系统

Hydraulic System

PQ开环系统



精密半闭环系统



高精度射出全闭环系统



SP-ACC高速高精射出全闭环系统



省电精密全闭环系统

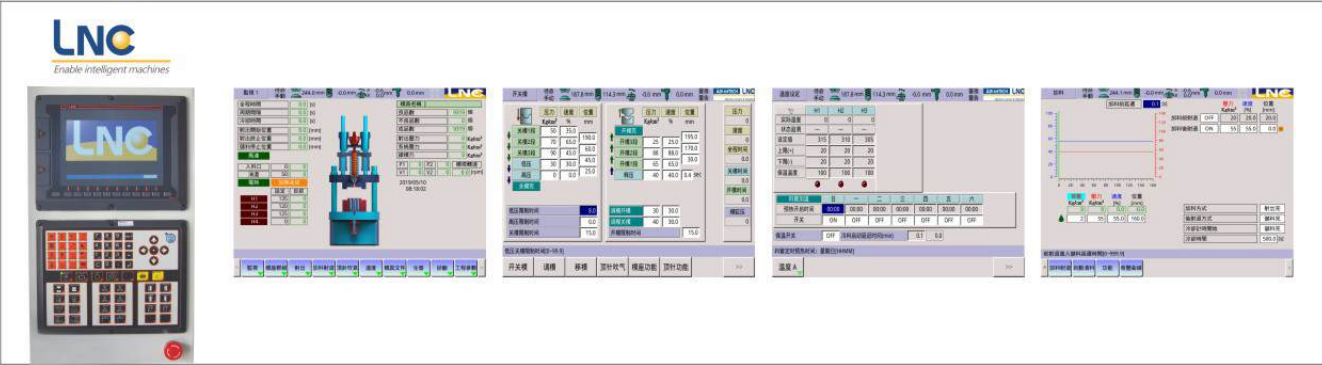
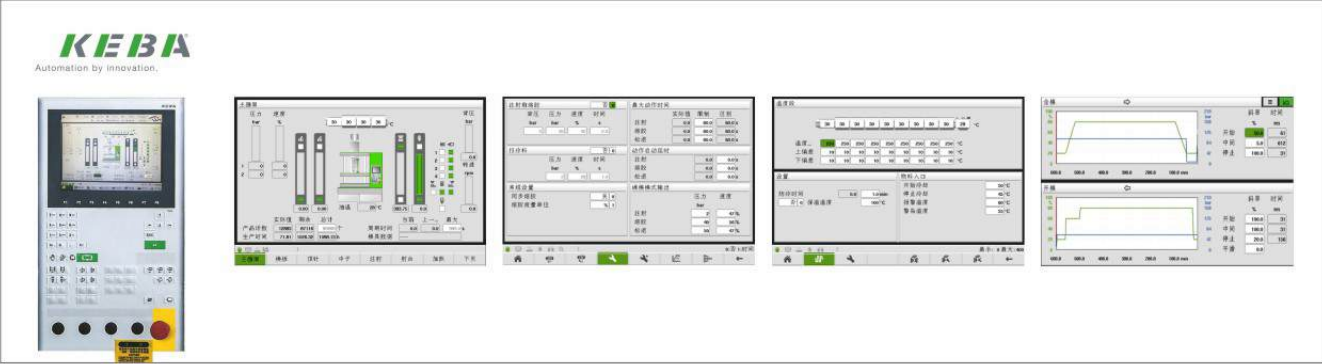
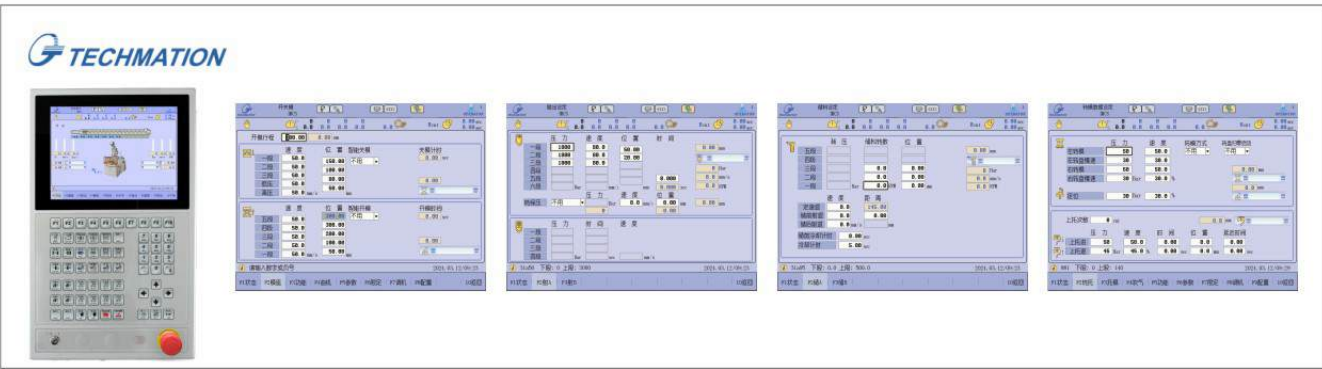


料管及相关配件



对比同行劣势 Comparing the strengths and weaknesses of peers

单位名称	机型对比	机械模板	控制电脑	料管	油泵	油缸对比	检测设备与加工设备	售后服务
台富机械	机型为台湾版本	全系列机台为球墨铸铁不变形	附加功能多、精度高，反应快、稳定性好，扩充点多，可加MES系统	标配台湾天星/泰星	日本进口泵为主	品牌油缸+进口油封、品质可靠	精密二次元、三次元、4-6米进口加工中心	周六、日有服务，配件坏先换后修，免费试模，免费出方案
竞争对手	国产版本	钢板居多	扩充少	国产为主	国产泵为主	散件组装为主，问题多	无	无



合作客户 Cooperative Clients

电子3C

3C Electronics

FOXCONN
富士康科技集团

EMF

JABIL

通達集團
TONGDA GROUP

SUNWAY

Webow威博

汽配

Auto Parts

BYD

LEAR
CORPORATION

长城汽车

长安汽车

MINTH
敏實集團

凯中精密

电池

Battery

CATL 宁德时代

EVE 亿纬锂能

KDL 科达利

震裕科技
ZHENYU TECHNOLOGY

SUNWODA
欣旺达

弗迪动力
FinDreams Powertrain

家电

Household
Appliance

GREE 格力

Midea

TCL
创意感动生活
The Creative Life

Galanx
格兰仕

LittleSwan

Bear 小熊·萌家电

硅胶

Silicone Products

Hebe 赫比

SHOKZ 韶音

wellead
维力医疗

Able-One
TECHNOLOGY LIMITED

通達集團
TONGDA GROUP

万德

连接器

Connectors

莫仕

Amphenol

TE
connectivity
泰科电子

LOTES

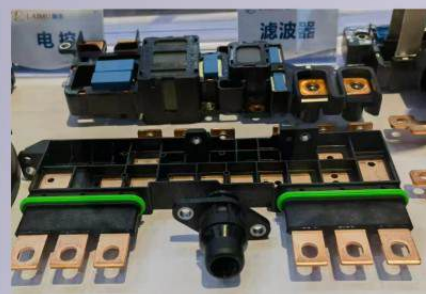
DEREN
得润电子

FREEPORT
Connecting the world
联基集团

应用行业产品

Application Industry Products

汽配 Auto Parts



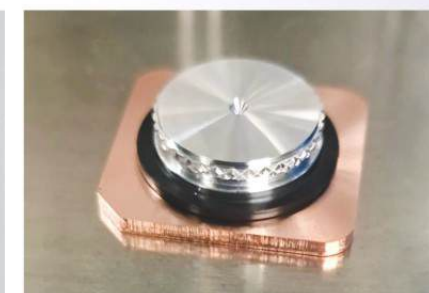
电子3C 3C Electronics



硅胶 Silicone Products



新能源 New Energy Products



双色配件 Two-color Products



TFV3-R

立式圆盘机系列（III）

Vertical Rotary Table Machine Series (III generation)

功能特点 Features

- ◆ 立式锁模，立式注射
- ◆ 内侧注射成型期间，外侧同步顶出进行制品取放，提高生产效率30%-50%
- ◆ 可加装自动嵌入与取出自动化设备，达成全自动生产
- ◆ 可根据需要选配R3三工位/R4四工位/多工位机型
- ◆ 适用于有镶嵌件产品的注塑成型和多用途注塑成型工序

- ◆ Vertical clamping mold, vertical injection
- ◆ During the inner side injection molding process, the outer side is synchronously ejected for product retrieval and placement, improving production efficiency by 30% - 50%
- ◆ Automatic insertion and extraction equipment can be installed to achieve fully automated production
- ◆ R3 three station/R4 four station/multi station models can be selected as needed
- ◆ Suitable for injection molding and multi-purpose injection molding processes of products with embedded parts

技术参数 Parameters

机型 MODEL		TFV3-35R2				TFV3-55R2				TFV3-85R2				TFV3-120R2				TFV3-160R2				TFV3-200R2				TFV3-250R2				TFV3-300R2				TFV3-350R2				TFV3-400R2							
注射装置 INJECTION UNIT																																													
		Z3				Z5				Z8				Z12				Z16				Z20				Z20				Z20				Z30				Z30							
螺杆行程 Screw Stroke	mm	140				140				140				160				200				250				250				250				360				360							
螺杆直径 Screw Diameter	mm	22	26	28	28	32	36	32	36	40	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	85	90	95														
理论注射量 Theoretical Injection Volume	cm³	53	74	86	86	113	143	113	143	176	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1385	1590	1810	2043	2290	2552														
注塑质量 Injection Weight(PS)	g	49	69	80	80	105	133	105	133	164	151	187	237	296	365	442	552	657	772	657	772	895	772	895	1027	1288	1479	1683	1900	2130	2373														
	oz	1.75	2.44	2.83	2.83	3.69	4.67	3.69	4.67	5.77	5.34	6.60	8.35	10.43	12.88	15.59	19.48	23.19	27.21	23.19	27.21	31.56	27.21	31.56	36.23	45.45	52.17	59.36	67.01	75.13	83.71														
最大注塑压力 Max. Injection Pressure	Mpa	248	178	153	213	163	129	228	180	146	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	162	145	130														
	kgf/cm²	2531	1812	1563	2170	1661	1313	2331	1842	1492	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1657	1478	1326														
射出速率 Injection Rate	cm³/s	44	62	72	65	84	107	100	126	156	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	567	636	709														
最大射出速度 Max. Injection Speed	mm/s	117				105				124				126				105				82				102				112				100											
螺杆转速 Screw Speed Rotation	r.p.m	10~300				10~300				10~280				10~280				10~280				10~240				10~240				10~180				10~180											
定位环直径 Positioning Ring Diameter	mm	100				100				120				120				120				150				150				150				150											
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45				≥45				≥45				≥80				≥80											
合模装置 CLAMPING UNIT																																													
合模力 Clamping Force	kN(tf)	343(35)/441(45)				539(55)				833(85)/980(100)				1176(120)				1568(160)				1960(200)				2450(250)				2940(300)				3430(350)				3920(400)							
合模行程 Clamping Stroke	mm	200				200				250				280				300				350				350				400				400				450							
最小模厚 Min.Mold Thickness	mm	150(210)				180(240)				230(310)				280(380)				300(400)				350(450)				350(450)				400(500)				500(600)				600(700)							
最大开距 Max.Opening	mm	350(410)				380(440)				480(560)				560(660)				600(700)				700(800)				700(800)				800(900)				900(1000)				1050(1150)							
最大模具尺寸 (L*W)Max.Mould Size	mm	300*300/375*275				310*310/425*260				360*360/450*320				420*420/560*360				520*520/700*450				570*570/800*470				670*670/860*570				670*670/860*570				760*760/950*630				760*760/950*630							
转盘工位数 Number Of Turntable Stations	mm	2				2				2				2				2				2				2				2				2				2							
转盘尺寸 (D) Rotary Table Size	mm	φ810				φ910				φ1010				φ1200				φ1400				φ1600				φ1800				φ1800				φ2000				φ2000							
顶杆数量 QTY Of Ejector	pcs	3				3				3				5(呈十字分布)Cross Distribution												5(呈十字分布)Cross Distribution																			
顶杆间距 Distance Between Ejectors	mm	80				80				80				80				100				125				125				125				150				150							
成品顶出距离 Ejector Distance	mm	75				100				100				100				110				150				150				150				150				150							
顶出力 Ejector Force	kN(tf)	26.5(2.7)				26.5(2.7)				45(4.6)				45(4.6)				45(4.6)				45(4.6)				45(4.6)				68.9(7.0)				68.9(7.0)				68.9(7.0)							
其它 OTHERS																																													
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)/17.2(175)				13.7(140)				13.7(140)/17.2(175)				13.7(140)				13.7(140)				13.7(140)				13.7(140)				17.2(175)				17.2(175)				17.2(175)							
油箱容量 Oil Tank Capacity	L	200				230				300				380				480				600				750				820				960				960							
电机功率 Electric Power	KW	7.5/11				11				15+2.2/18+2.2				18+2.2				22+2.2				31+2.2				37+2.2				45+2.2				56+4				56+4							
电热功率 Heater Power	KW	3.6				5.5				7.0				10.7				13.7				13.7				24.3				24.3				34.5				34.5							
机械尺寸 L*W Machine Dimensions	m	1.9*1.5				2.0*1.6				2.3*1.8				2.5*2.0				2.8*2.2				3.5*2.2				3.6*2.3				3.6*2.3				3.6*2.3				4.2*2.5				4.7*2.7			
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.2(Max:2.8)				Min:2.4(Max:3.0)				Min:2.7(Max:3.4)				Min:3.3(Max:4.15)				Min:3.7(Max:4.5)				Min:4.2(Max:5.2)				Min:4.2(Max:5.2)				Min:4.6(Max:5.9)				Min:4.9(Max:6.2)				Min:5.3(Max:6.6)							
冷却水排量 Cooling water capacity	L/min	25				35				40				50				50				60				60				70				70				70							
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	980+(60)				1020+(60)				1150+(70)				1310+(70)				1495+(80)				1600+(80)				1600+(80)				1800+(80)				1800+(80)				1950+(80)							
机械重量 Machine Weight	ton	2.3				2.9				4.6				7.0				10.0				15.2				17.5				18.5				22.5				24.5							

TFV3-R

立式圆盘机系列 (IV)

Vertical Rotary Table Machine Series (IV Generation)

功能特点 Features

- ◆ 立式锁模，立式注射
- ◆ 内侧注射成型期间，外侧同步顶出进行制品取放，提高生产效率30%-50%
- ◆ 可加装自动嵌入与取出自动化设备，达成全自动生产
- ◆ 可根据需要选配R3三工位/R4四工位/多工位机型
- ◆ 适用于有镶嵌件产品的注塑成型和多用途注塑成型工序
- ◆ Vertical clamping mold, vertical injection
- ◆ During the inner side injection molding process, the outer side is synchronously ejected for product retrieval and placement, improving production efficiency by 30% -50%
- ◆ Automatic insertion and extraction equipment can be installed to achieve fully automated production
- ◆ R3 three station/R4 four station/multi station models can be selected as needed
- ◆ Suitable for injection molding and multi-purpose injection molding processes of products with embedded parts

技术参数 Parameters

机型 MODEL		TFV3-35R2				TFV3-55R2				TFV3-85R2				TFV3-120R2				TFV3-160R2				TFV3-200R2				TFV3-250R2				TFV3-300R2				TFV3-350R2				TFV3-400R2			
注射装置 INJECTION UNIT																																									
		Z3				Z5				Z8				Z12				Z16				Z20				Z20				Z20				Z30				Z30			
螺杆行程 Screw Stroke	mm	140				140				140				160				200				250				250				250				360				360			
螺杆直径 Screw Diameter	mm	22	26	28	28	32	36	32	36	40	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	85	90	95										
理论注射量 Theoretical Injection Volume	cm³	53	74	86	86	113	143	113	143	176	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1385	1590	1810	2043	2290	2552										
注塑质量 Injection Weight(PS)	g	49	69	80	80	105	133	105	133	164	151	187	237	296	365	442	552	657	772	657	772	895	772	895	1027	1288	1479	1683	1900	2130	2373										
	oz	1.75	2.44	2.83	2.83	3.69	4.67	3.69	4.67	5.77	5.34	6.60	8.35	10.43	12.88	15.59	19.48	23.19	27.21	23.19	27.21	31.56	27.21	31.56	36.23	45.45	52.17	59.36	67.01	75.13	83.71										
最大注塑压力 Max. Injection Pressure	Mpa	248	178	153	213	163	129	228	180	146	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	162	145	130										
	kgf/cm²	2531	1812	1563	2170	1661	1313	2331	1842	1492	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1657	1478	1326										
射出速率 Injection Rate	cm³/s	44	62	72	65	84	107	100	126	156	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	567	636	709										
最大射出速度 Max. Injection Speed	mm/s	117				105				124				126				105				82				102				112				100							
螺杆转速 Screw Speed Rotation	r.p.m	10~300				10~300				10~280				10~280				10~280				10~240				10~240				10~180				10~180							
定位环直径 Positioning Ring Diameter	mm	100				100				120				120				120				150				150				150				150							
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45				≥45				≥45				≥80				≥80							
合模装置 CLAMPING UNIT																																									
合模力 Clamping Force	kN(tf)	343(35)/441(45)				539(55)				833(85)/980(100)				1176(120)				1568(160)				1960(200)				2450(250)				2940(300)				3430(350)				3920(400)			
合模行程 Clamping Stroke	mm	200				200				250				280				300				350				350				400				400				450			
最小模厚 Min.Mold Thickness	mm	150(210)				180(240)				230(310)				280(380)				300(400)				350(450)				350(450)				400(500)				500(600)				600(700)			
最大开距 Max.Opening	mm	350(410)				380(440)				480(560)				560(660)				600(700)				700(800)				700(800)				800(900)				900(1000)				1050(1150)			
最大模具尺寸 (L*W)Max.Mould Size	mm	300*300/375*275				310*310/425*260				360*360/450*320				420*420/560*360				520*520/700*450				570*570/800*470				670*670/860*570				670*670/860*570				760*760/950*630				760*760/950*630			
转盘工位数 Number Of Turntable Stations	mm	2				2				2				2				2				2				2				2				2							
转盘尺寸 (D) Rotary Table Size	mm	φ810				φ910				φ1010				φ1200				φ1400				φ1600				φ1800				φ1800				φ2000				φ2000			
顶杆数量 QTY Of Ejector	pcs	3				3				3				5(呈十字分布)Cross Distribution												5(呈十字分布)Cross Distribution															
顶杆间距 Distance Between Ejectors	mm	80				80				80				80				100				125				125				125				150				150			
成品顶出距离 Ejector Distance	mm	75				100				100				100				110				150				150				150				150							
顶出力 Ejector Force	kN(tf)	26.5(2.7)				26.5(2.7)				45(4.6)				45(4.6)				45(4.6)				45(4.6)				45(4.6)				68.9(7.0)				68.9(7.0)				68.9(7.0)			
其它 OTHERS																																									
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)/17.2(175)				13.7(140)				13.7(140)/17.2(175)				13.7(140)				13.7(140)				13.7(140)				13.7(140)				17.2(175)				17.2(175)				17.2(175)			
油箱容量 Oil Tank Capacity	L	200				230				300				380				480				600				750				820				960				960			
电机功率 Electric Power	KW	7.5/11				11				15+2.2/18+2.2				18+2.2				22+2.2				31+2.2				37+2.2				45+2.2				56+4				56+4			
电热功率 Heater Power	KW	3.6				5.5				7.0				10.7				13.7				24.3				24.3				34.5				34.5							
机械尺寸 L*W Machine Dimensions	m	1.9*1.5				2.0*1.6				2.3*1.8				2.5*2.0				2.8*2.2				3.5*2.2				3.6*2.3				3.6*2.3				4.2*2.5				4.7*2.7			
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.2(Max:2.8)				Min:2.4(Max:3.0)				Min:2.7(Max:3.4)				Min:3.3(Max:4.15)				Min:3.7(Max:4.5)				Min:4.2(Max:5.2)				Min:4.2(Max:5.2)				Min:4.6(Max:5.9)				Min:4.9(Max:6.2)				Min:5.3(Max:6.6)			
冷却水排量 Cooling water capacity	L/min	25				35				40				50				50				60				60				70				70				70			
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	980+(60)				1020+(60)				1150+(70)				1310+(70)				1495+(80)				1600+(80)				1600+(80)				1800+(80)				1800+(80)				1950+(80)			
机械重量 Machine Weight	ton	2.3				2.9				4.6				7.0				10.0				15.2				17.5				18.5				22.5				24.5			

TFW4-R

低工作台圆盘机系列（V）

Low Workbench Rotary Table Machine Series (V Generation)

功能特点 Features

- ◆ 工作台高度0.8米，省一个工作站台。
- ◆ 整机高度相比传统同吨位低25~30%。
- ◆ 更适合搭配机器人自动化生产线。
- ◆ 可根据需要选配R3三工位/R4四工位/多工位机型。
- ◆ 适用于有镶嵌件产品的注塑成型和多用途注塑成型工序。
- ◆ The height of the workbench is 0.8 meters, which can save a workstation. traditional workbenches of the same tonnage.
- ◆ The overall height of the machine is 25-30% lower than that of traditional tonnage.
- ◆ It is more suitable for integration with robotic automation production lines.
- ◆ R3 three station/R4 four station/multi station models can be selected as needed.
- ◆ Suitable for injection molding and multi-purpose injection molding processes of products with embedded parts.

技术参数 Parameters

机型 MODEL		TFW4-85R2			TFW4-120R2			TFW4-160R2			TFW4-200R2			TFW4-250R2			TFW4-300R2			TFW4-350R2			TFW4-400R2			TFW4-500R2			TFW4-600R2		
注射装置 INJECTION UNIT																															
		Z8			Z12			Z16			Z20			Z20			Z20			Z30			Z30			Z40			Z40		
螺杆行程 Screw Stroke	mm	140			160			200			250			250			250			360			360			450			450		
螺杆直径 Screw Diameter	mm	32	36	40	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	85	90	95	100	105	110	105	110	115
理论注射量 Theoretical Injection Volume	cm³	113	143	176	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1385	1590	1810	2043	2290	2552	3534	3897	4276	3897	4276	4674
注塑质量 Injection Weight(PS)	g	105	133	164	151	187	237	296	365	442	552	657	772	657	772	895	772	895	1027	1288	1479	1683	1900	2130	2373	3287	3624	3977	3624	3977	4347
	oz	3.69	4.67	5.77	5.34	6.60	8.35	10.43	12.88	15.59	19.48	23.19	27.21	23.19	27.21	31.56	27.21	31.56	36.23	45.45	52.17	59.36	67.01	75.13	83.71	115.94	127.82	140.29	127.82	140.29	153.33
最大注塑压力 Max. Injection Pressure	Mpa	228	180	146	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	162	145	130	191	173	158	173	158	144
	kgf/cm²	2331	1842	1492	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1657	1478	1326	1948	1767	1610	1767	1610	1473
射出速率 Injection Rate	cm³/s	100	126	156	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	567	636	709	746	823	903	823	903	987
最大射出速度 Max. Injection Speed	mm/s	124			126			105			82			102			112			100			100			95			95		
螺杆转速 Screw Speed Rotation	r.p.m	10~280			10~280			10~280			10~240			10~240			10~180			10~180			10~180			10~140			10~140		
定位环直径 Positioning Ring Diameter	mm	120			120			120			150			150			150			150			200			220			240		
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45			≥45			≥80			≥80			≥80			≥80			≥80		
合模装置 CLAMPING UNIT																															
合模力 Clamping Force	kN(tf)	833(85)			1176(120)			1568(160)			1960(200)			2450(250)			2940(300)			3430(350)			3920(400)			4900(500)			5880(600)		
合模行程 Clamping Stroke	mm	280			300			350			350			400			400			450			450			550			650		
最小模厚 Min.Mold Thickness	mm	230(310)			280(380)			300(400)			350(450)			350(450)			400(500)			500(600)			600(700)			700(800)			800(900)		
最大开距 Max.Opening	mm	510(590)			580(680)			650(750)			700(800)			750(850)			800(900)			950(1050)			1050(1150)			1250(1350)			1450(1550)		
最大模具尺寸 (L*W)Max.Mould Size	mm	360*360/450*320			420*420/560*360			520*520/700*450			570*570/800*470			670*670/860*570			670*670/860*570			760*760/950*630			760*760/950*630			840*840/1100*720			950*950/1300*800		
转盘工位数 Number Of Turntable Stations	mm	2			2			2			2			2			2			2			2			2			2		
转盘尺寸 (D) Rotary Table Size	mm	φ1010			φ1200			φ1400			φ1600			φ1800			φ1800			φ2000			φ2000			φ2200			φ2400		
顶杆数量 QTY Of Ejector	pcs	3			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			13(呈十字分布)			13(呈十字分布)			13(呈十字分布)		
顶杆间距 Distance Between Ejectors	mm	80			80			100			125			125			125			150			150			100			100		
成品顶出距离 Ejector Distance	mm	100			100			110			150			150			150			150			180			180			180		
顶出力 Ejector Force	kN(tf)	45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)			68.9(7.0)			68.9(7.0)			98(10.0)			98(10.0)			98(10.0)		
其它 OTHERS																															
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			17.2(175)			17.2(175)			17.2(175)			17.2(175)			17.2(175)		
油箱容量 Oil Tank Capacity	L	350			430			500			650			800			820			910			960			1100			1200		
电机功率 Electric Power	KW	15+2.2			18+2.2			22+2.2			31+2.2			37+2.2			45+2.2			47+4			56+4			47+37+4			56+37+4		
电热功率 Heater Power	KW	7.0			10.7			13.7			13.7			24.3			24.3			34.5			34.5			45.6			45.6		
机械尺寸 L*W Machine Dimensions	m	2.5*1.9			2.6*2.0			2.9*2.2			3.0*2.4			3.3*2.6			3.3*2.6			3.6*2.9			3.8*3.0			3.6*2.9			3.8*3.2		
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.5(Max:2.95)			Min:2.9(Max:3.6)			Min:3.3(Max:4.1)			Min:3.7(Max:4.7)			Min:4.4(Max:4.9)			Min:4.6(Max:5.1)			Min:4.9(Max:5.5)			Min:5.3(Max:6.6)			Min:5.6(Max:6.9)			Min:5.6(Max:6.9)		
冷却水排量 Cooling water capacity	L/min	40			50			50			60			60			70			70			80			80			80		
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	780+(70)			820+(70)			915+(80)			935+(80)			935+(80)			935+(80)			950+(80)			950+(80)			950+(80)			950+(80)		
机械重量 Machine Weight	ton	6.5			9.5			12.8			16.5			20.5			23.7			25.0			28.5			31.0			33.5		

TFWB3-R

抱闸式低工作台圆盘机系列（VI）

Band Brake Type Low Workbench
Rotary Table Machine Series (VI Generation)

功能特点 Features

- ◆ 全新一代大型两板式超低工作台圆盘机。
- ◆ 超大容模尺寸及开模行程，适应更多模具。
- ◆ 整机高度相比传统同吨位低25~30%。
- ◆ 工作台高度0.8米，相比传统同吨位机型工作台低约50~75%。
- ◆ 搭配工业4.0自动化生产线更佳。
- ◆ 可根据需要选配R3三工位/R4四工位/多工位机型。
- ◆ 适用于大型镶嵌件产品的注塑成型和多用途注塑成型工序。
- ◆ A new generation of large two plate ultra-low workbench rotary table machine.
- ◆ Large capacity mold size and mold opening stroke, suitable for more molds.
- ◆ The overall height of the machine is 25-30% lower than that of traditional tonnage.
- ◆ The height of the workbench is 0.8 meters, which is about 50-75% lower than traditional workbenches of the same tonnage.
- ◆ It is better to pair with Industry 4.0 automated production lines.
- ◆ R3 three station/R4 four station/multi station models can be selected as needed.
- ◆ Suitable for injection molding and multi-purpose injection molding processes of large inlay products.

技术参数 Parameters

机型 MODEL		TFWB3-120R2			TFWB3-160R2			TFWB3-200R2			TFWB3-250R2			TFWB3-300R2			TFWB3-350R2			TFWB3-400R2			TFWB3-500R2			TFWB3-600R2			TFWB3-700R2			TFWB3-800R2			
注射装置 INJECTION UNIT																																			
螺杆行程 Screw Stroke	mm	Z12			Z16			Z20			Z20			Z20			Z30			Z30			Z40			Z40			Z40			Z40			
		160			200			250			250			250			350			350			450			450			450			450			
螺杆直径 Screw Diameter	mm	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	85	90	95	90	95	100	95	100	105	100	105	110	100	105	110	
理论注射量 Theoretical Injection Volume	cm³	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1347	1546	1759	1986	2227	2481	2863	3190	3534	3190	3534	3897	3534	3897	4276	3534	3897	4276	
注塑质量 Injection Weight(PS)	g	151	187	237	296	365	442	552	657	772	657	772	895	772	895	1027	1253	1438	1636	1847	2071	2307	2662	2966	3287	2966	3287	3624	3287	3624	3977	3287	3624	3977	
	oz	5.34	6.60	8.35	10.43	12.88	15.59	19.48	23.19	27.21	23.19	27.21	31.56	27.21	31.56	36.23	44.19	50.72	57.71	65.15	73.04	81.38	93.91	104.64	115.94	104.64	115.94	127.82	115.94	127.82	140.29	115.94	127.82	140.29	
最大注塑压力 Max. Injection Pressure	Mpa	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	162	145	130	236	212	191	212	191	173	191	173	158	191	173	158	
	kgf/cm²	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1657	1478	1326	2405	2159	1948	2159	1948	1767	1948	1767	1610	1948	1767	1610	
射出速率 Injection Rate	cm³/s	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	567	636	709	604	673	746	673	746	823	825	909	998	825	909	998	
最大射出速度 Max. Injection Speed	mm/s	126			105			82			102			112			100			100			95			95			105			105			
螺杆转速 Screw Speed Rotation	r.p.m	0-260			0-260			0-260			0-180			0-180			0-180			10~140			10~140			0-180			0-180			0-180			
定位环直径 Positioning Ring Diameter	mm	120			120			150			150			150			150			150			150			150			150			150			
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45				≥80			≥80			≥80			≥80			≥80			≥80			≥80		
合模装置 CLAMPING UNIT																																			
合模力 Clamping Force	kN(tf)	1176(120)			1568(160)			1960(200)			2450(250)			2940(300)			3430(350)			3920(400)			4900(500)			5880(600)			6860(700)			7840(800)			
合模行程 Clamping Stroke	mm	500			500			600			600			600			700			700			700			800			800			800			
最小模厚 Min.Mold Thickness	mm	280			300			350			400			400			450			500			550			600			600			600			
最大开距 Max.Opening	mm	780			800			950			1000			1000			1050			1200			1250			1400			1400			1400			
最大模具尺寸 (L*W)Max.Mould Size	mm	420*420/560*360			520*520/700*450			570*570/800*470			670*670/860*570			670*670/860*570			760*760/950*630			760*760/950*630			850*850/1100*720			930*930/1300*800			1020*1020/1400*900			1100*1100/1500*1000			
转盘工位数 Number Of Turntable Stations	mm	2			2			2			2			2			2			2			2			2			2			2			
转盘尺寸 (D) Rotary Table Size	mm	φ1200			φ1400			φ1600			φ1800			φ1800			φ2000			φ2000			φ2200			φ2400			φ2600			φ2800			
顶杆数量 QTY Of Ejector	pcs				5(呈十字分布)Cross Distribution									5(呈十字分布)Cross Distribution									13(呈十字分布)Cross Distribution												
顶杆间距 Distance Between Ejectors	mm	80			100			125			125			125			150			150			100			100			100			100			
成品顶出距离 Ejector Distance	mm	100			110			150			150			150			150			150			150			150			150			150			
顶出力 Ejector Force	kN(tf)	45(4.6)			45(4.6)			45(4.6)			45(4.6)			68.9(7.0)			68.9(7.0)			68.9(7.0)			98(10.0)			98(10.0)			147(15)			147(15)			
其它 OTHERS																																			
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)			13.7(140)			13.7(140)			13.7(140)			17.2(175)			17.2(175)			17.2(175)			17.2(175)			17.2(175)			17.2(175)			17.2(175)			
油箱容量 Oil Tank Capacity	L	280			350			450			520			650			720			780			830			960			960			960			
电机功率 Electric Power	KW	18+2.2			22+2.2			31+2.2			37+2.2			45+2.2			47+4			56+4			56+4			47+37+4			47+45+5.5			56+45+5.5			
电热功率 Heater Power	KW	10.7			13.7			13.7			24.3			24.3			34.5			34.5			45.6			45.6			45.6			45.6			
机械尺寸 L*W Machine Dimensions	m	2.5*2.0			2.8*2.2			3.5*2.2			3.6*2.2			3.6*2.2			3.8*2.5			3.8*2.5			3.8*2.5			4.0*2.8			4.2*3.0			4.4*3.2			
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.7(Max:3.7)			Min:3.1(Max:4.0)			Min:3.45(Max:4.6)			Min:3.5(Max:4.7)			Min:3.6(Max:4.8)			Min:4.1(Max:5.6)			Min:4.2(Max:5.7)			Min:4.4(Max:5.9)			Min:4.6(Max:6.3)			Min:4.9(Max:6.6)			Min:4.9(Max:6.7)			
冷却水排量 Cooling water capacity	L/min	50			50			60			60			70			70			70			70			70			70			70			
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	780+(70)			800+(80)			850+(80)			850+(80)			900+(80)			925+(80)			925+(80)			950+(80)			950+(80)			980+(80)			980+(80)			
机械重量 Machine Weight	ton	7.0			10.0			14.8			16.5			19.0			22.0			23.5			28.0			32.3			35.6			38.0			

TFV4

标准机系列 Standard Machine Series

功能特点 Features

- ◆ 立式锁模，立式注射。

◆ 直压式锁模，应力分布均匀。

◆ 具备快速锁模、低压慢速关模，低压模保功能。

◆ 适用于有镶嵌件产品的注塑成型和多用途注塑成型工序。
- ◆ Vertical mold clamping, vertical injection.

◆ Direct pressure clamping, uniform stress distribution.

◆ It has the functions of fast mold clamping, low pressure and slow mold closing, and low pressure mold protection.

◆ It is suitable for injection molding and multi-purpose injection molding processes of products with inserts.

技术参数 Parameters

机型 MODEL		TFV4-35			TFV4-55			TFV4-85			TFV4-120			TFV4-160			TFV4-200			TFV4-250			TFV4-300			TFV4-350				TFV4-400			
注射装置 INJECTION UNIT				Z3		Z5		Z8		Z12		Z16		Z20		Z20		Z20		Z20		Z30		Z30		Z30		Z30		Z30			
螺杆行程 Screw Stroke	mm	140		140		140		140		160		200		250		250		250		250		250		360		360		360		360			
螺杆直径 Screw Diameter	mm	22	28	32	26	30	36	32	36	40	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	80	85	90		
理论注射量 Theoretical Injection Volume	cm³	53	86	113	74	99	143	113	143	176	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1385	1590	1810	1810	2043	2290		
注塑质量 Injection Weight(PS)	g	49	80	105	69	92	133	105	133	164	151	187	237	296	365	442	552	657	772	657	772	895	772	895	1027	1288	1479	1683	1683	1900	2130		
	oz	1.75	2.83	3.69	2.44	3.25	4.67	3.69	4.67	5.77	5.34	6.60	8.35	10.43	12.88	15.59	19.48	23.19	27.21	23.19	27.21	31.56	27.21	31.56	36.23	45.45	52.17	59.36	59.36	67.01	75.13		
最大注塑压力 Max.Injection Pressure	Mpa	248	153	117	247	185	129	228	180	146	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	183	162	145		
	kgf/cm²	2531	1563	1196	2516	1890	1313	2331	1842	1492	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1870	1657	1478		
射出速率 Injection Rate	cm³/s	44	72	94	56	74	107	100	126	156	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	503	567	636		
最大射出速度 Max. Injection Speed	mm/s	117			105			124			126			105			82			102			112			100			100				
螺杆转速 Screw Speed Rotation	r.p.m	10~300			10~300			10~280			10~280			10~280			10~240			10~240			10~180			10~180			10~180				
定位环直径 Positioning Ring Diameter	mm	100			110			120			120			120			150			150			180			180			180				
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45			≥45			≥80			≥80			≥80				
合模装置 CLAMPING UNIT																																	
合模力 Clamping Force	kN(tf)	343(35)/441(45)			539(55)			833(85)/980(100)			1176(120)			1568(160)			1960(200)			2450(250)			2940(300)			3430(350)			3920(400)				
合模行程 Clamping Stroke	mm	200			200			250			280			300			350			350			400			400			450				
最小模厚 Min.Mold Thickness	mm	150(210)			180(240)			230(310)			280(380)			300(400)			350(450)			350(450)			400(500)			500(600)			600(700)				
最大开距 Max.Opening	mm	350(410)			380(440)			480(560)			560(660)			600(700)			700(800)			700(800)			800(900)			900(1000)			1050(1150)				
柱间距 (L*W) Distance Between Tie Bars	mm	410*220			445*255			520*350			610*380			690*410			900*450			950*550			1060*600			1250*650			1350*700				
最大模具尺寸 (L*W) Max.Mould Size	mm	400*350			425*380			500*500			590*590			670*650			890*770			930*850			1040*950			1180*1100			1300*1200				
模板 (L*W)尺寸 Platen Size	mm	560*370			580*400			710*540			860*620			1010*730			1250*790			1300*900			1460*1000			1660*1150			1880*1360				
顶杆数量 QTY Of Ejector	pcs	1			1			1			1			1			1			1			1			1			1				
成品顶出距离 Ejector Distance	mm	40			40			50			95			95			110			110			120			120			120				
顶出力 Ejector Force	kN(tf)	17.2(1.75)			17.2(1.75)			26.5(2.7)			45(4.6)			45(4.6)			45(4.6)			68.9(7.0)			68.9(7.0)			68.9(7.0)			68.9(7.0)				
其它 OTHERS																																	
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)/17.2(175)			13.7(140)			13.7(140)/17.2(175)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			17.2(175)			17.2(175)			17.2(175)				
油箱容量 Oil Tank Capacity	L	130			140			280			340			450			540			700			700			900			900				
电机功率 Electric Power	KW	5.5/7.5			7.5			15/18.7			18.7			22			31			37			45			56			56				
电热功率 Heater Power	KW	3.6			5.5			7.0			10.7			13.7			13.7			24.3			24.3			34.5			34.5				
机械尺寸 L*W Machine Dimensions	m	1.6*1.2			1.9*1.3			2.0*1.5			2.1*1.7			2.4*1.8			2.6*2.1			3.2*2.1			3.4*2.4			3.4*2.3			3.6*2.5				
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.15(Max:2.7)			Min:2.25(Max:2.8)			Min:2.6(Max:3.3)			Min:3.2(Max:3.9)			Min:3.3(Max:4.1)			Min:4.3(Max:5.2)			Min:4.4(Max:5.5)			Min:4.7(Max:5.8)			Min:4.7(Max:5.8)			Min:5.0(Max:6.2)				
冷却水排量 Cooling water capacity	L/min	25			35			40			50			50			60			60			70			70			70				
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	940+(60)			1020+(60)			1040+(70)			1240+(70)			1380+(80)			1530+(80)			1530+(80)			1650+(80)			1650+(80)			1850+(80)				
机械重量 Machine Weight	ton	1.3			1.6			3.5			5.5			7.5			10.5			12.4			15.3			17.0			19.0				

* 规格若修改，恕不另行通知！ Specifications are subject to change without notice!

锁模力：15Ton~1800Ton
Clamping force: 15Ton~1800Ton



TFWB4

抱闸式标准机系列 Band Brake Standard Machine Series

功能特点 Features

- ◆ 全新一代大型两板式超低工作台标准机
- ◆ 超大容模尺寸及开模行程，适应更多模具
- ◆ 整机高度相比传统同吨位低25~30%
- ◆ 工作台高度0.8米，相比传统同吨位机型工作台低约50~75%
- ◆ 可根据需要选配-S单滑板机型
- ◆ 适用于大型镶嵌件产品的注塑成型和多用途注塑成型工序
- ◆ New generation large two plate ultra-low workbench standard machine
- ◆ Large capacity mold size and mold opening stroke, suitable for more molds
- ◆ The overall height of the machine is 25-30% lower than that of traditional tonnage
- ◆ The height of the workbench is 0.8 meters, which is about 50-75% lower than traditional workbenches of the same tonnage model
- ◆ Optional - S single skateboard model as needed
- ◆ Suitable for injection molding and multi-purpose injection molding processes of large inlay products

技术参数 Parameters

机型 MODEL	TFWB4-120				TFWB4-160				TFWB4-200				TFWB4-250				TFWB4-300				TFWB4-350				TFWB4-400				
注射装置 INJECTION UNIT																													
		Z12				Z16				Z20				Z20				Z20				Z30				Z30			
螺杆行程 Screw Stroke	mm	160				200				250				250				250				360				360			
螺杆直径 Screw Diameter	mm	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	80	85	90							
理论注射量 Theoretical Injection Volume	cm³	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1385	1590	1810	1810	2043	2290							
注塑质量 Injection Weight(PS)	g	151	187	237	296	365	442	552	657	772	657	772	895	772	895	1027	1288	1479	1683	1683	1900	2130							
	oz	5.34	6.60	8.35	10.43	12.88	15.59	19.48	23.19	27.21	23.19	27.21	31.56	27.21	31.56	36.23	45.45	52.17	59.36	59.36	67.01	75.13							
最大注塑压力 Max.Injection Pressure	Mpa	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	183	162	145							
	kgf/cm²	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1870	1657	1478							
射出速率 Injection Rate	cm³/s	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	503	567	636							
最大射出速度 Max. Injection Speed	mm/s	126				105				82				102				112				100				100			
螺杆转速 Screw Speed Rotation	r.p.m	10~280				10~280				10~240				10~240				10~180				10~180				10~180			
定位环直径 Positioning Ring Diameter	mm	120				120				150				150				180				180				180			
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥80				≥80				≥80			
合模装置 CLAMPING UNIT																													
合模力 Clamping Force	kN(tf)	1176(120)				1568(160)				1960(200)				2450(250)				2940(300)				3430(350)				3920(400)			
合模行程 Clamping Stroke	mm	500				500				600				600				600				700				700			
最小模厚 Min.Mold Thickness	mm	280				300				350				350				400				500				600			
最大开距 Max.Opening	mm	780				800				950				950				1000				1200				1300			
柱间距 (L*W) Distance Between Tie Bars	mm	610*380				690*410				900*450				950*550				1060*600				1250*650				1350*700			
最大模具尺寸 (L*W) Max.Mould Size	mm	590*590				670*650				890*770				930*850				1040*950				1180*1100				1300*1200			
模板 (L*W)尺寸 Platen Size	mm	860*620				1010*730				1250*790				1300*900				1460*1000				1660*1150				1880*1360			
顶杆数量 QTY Of Ejector	pcs	1				1				1				1				1				1				1			
成品顶出距离 Ejector Distance	mm	95				95				110				110				120				120				120			
顶出力 Ejector Force	kN(tf)	45(4.6)				45(4.6)				45(4.6)				68.9(7.0)				68.9(7.0)				68.9(7.0)				68.9(7.0)			
其它 OTHERS																													
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)				13.7(140)				13.7(140)				13.7(140)				17.2(175)				17.2(175)				17.2(175)			
油箱容量 Oil Tank Capacity	L	260				340				440				550				700				900				900			
电机功率 Electric Power	KW	18.7				22				31				37				45				56				56			
电热功率 Heater Power	KW	10.7				13.7				13.7				24.3				24.3				34.5				34.5			
机械尺寸 L*W Machine Dimensions	m	2.3*1.7				2.4*1.9				2.6*2.1				3.1*2.1				3.4*2.4				3.4*2.3				3.6*2.5			
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.8(Max:3.5)				Min2.8(Max:3.7)				Min:2.9(Max:4.1)				Min:3.1(Max:4.3)				Min:3.3(Max:4.5)				Min:3.5(Max:4.7)				Min:3.6(Max:4.8)			
冷却水排量 Cooling water capacity	L/min	50				50				60				60				70				70				70			
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	730+(70)				830+(80)				845+(80)				900+(80)				900+(80)				900+(80)				900+(80)			
机械重量 Machine Weight	ton	4.5				6.5				9.5				11.5				14.0				15.8				17.0			

* 规格若修改，恕不另行通知！ Specifications are subject to change without notice!

锁模力：120Ton~1800Ton
Clamping force: 120Ton~1800Ton



TFV4-S

单滑板机系列 Single Slide Series

功能特点 Features

- ◆ 立式锁模，立式注射。
 - ◆ 直压式锁模，应力分布均匀。
 - ◆ 具备快速锁模、低压慢速关模，低压模保功能。
 - ◆ 单滑板往复式设计，有效提升生产的灵活性及安全性。
 - ◆ 制品取出在合模区外部，操作便捷安全性高。
 - ◆ 适用于有镶嵌件产品的注塑成型和多用途注塑成型工序。
- ◆ Vertical mold clamping, vertical injection.
 - ◆ Direct pressure clamping, uniform stress distribution.
 - ◆ It has the functions of fast mold clamping, low pressure and slow mold closing, and low pressure mold protection.
 - ◆ The single-slide reciprocating design effectively improves the flexibility and safety of production.
 - ◆ The product is taken out outside the mold clamping area, which is convenient and safe to operate.
 - ◆ It is suitable for injection molding and multi-purpose injection molding processes of products with inserts.

技术参数 Parameters

机型 MODEL		TFV4-35S				TFV4-55S				TFV4-85S				TFV4-120S				TFV4-160S				TFV4-200S				TFV4-250S				TFV4-300S				TFV4-350S				TFV4-400S			
注射装置 INJECTION UNIT		23				25				28				Z12				Z16				Z20				Z20				Z20				Z30				Z30			
螺杆行程 Screw Stroke	mm	140				140				140				160				200				250				250				250				360				360			
螺杆直径 Screw Diameter	mm	22	26	28	28	30	32	32	36	40	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	85	90	95										
理论注射量 Theoretical Injection Volume	cm³	53	74	86	86	99	113	113	143	176	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1385	1590	1810	2043	2290	2552										
注塑质量 Injection Weight(PS)	g	49	69	80	80	92	105	105	133	164	151	187	237	296	365	442	552	657	772	657	772	895	772	895	1027	1288	1479	1683	1900	2130	2373										
	oz	1.75	2.44	2.83	2.83	3.25	3.69	3.69	4.67	5.77	5.34	6.60	8.35	10.43	12.88	15.59	19.48	23.19	27.21	23.19	27.21	31.56	27.21	31.56	36.23	45.45	52.17	59.36	67.01	75.13	83.71										
最大注塑压力 Max.Injection Pressure	Mpa	248	178	153	213	185	163	228	180	146	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	162	145	130										
	kgf/cm²	2531	1812	1563	2170	1890	1661	2331	1842	1492	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1657	1478	1326										
射出速率 Injection Rate	cm³/s	44	62	72	65	74	84	100	126	156	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	567	636	709										
最大射出速度 Max. Injection Speed	mm/s	117				105				124				126				105				82				102				112				100				100			
螺杆转速 Screw Speed Rotation	r.p.m	10~300				10~300				10~280				10~280				10~280				10~240				10~240				10~180				10~180				10~180			
定位环直径 Positioning Ring Diameter	mm	100				110				120				120				120				150				150				180				180				180			
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45				≥45				≥45				≥80				≥80				≥80			
合模装置 CLAMPING UNIT																																									
合模力 Clamping Force	kN(tf)	343(35)/441(45)				539(55)				833(85)/980(100)				1176(120)				1568(160)				1960(200)				2450(250)				2940(300)				3430(350)				3920(400)			
合模行程 Clamping Stroke	mm	200				200				250				280				300				350				350				400				400				450			
最小模厚 Min.Mold Thickness	mm	150(210)				180(240)				230(310)				280(380)				300(400)				350(450)				350(450)				400(500)				500(600)				600(700)			
最大开距 Max.Opening	mm	350(410)				380(440)				480(560)				560(660)				600(700)				700(800)				700(800)				800(900)				900(1000)				1050(1150)			
柱间距 (L*W) Distance Between Tie Bars	mm	410*220				445*255				520*350				610*380				690*410				900*450				950*550				1060*600				1250*650				1350*700			
最大模具尺寸 (L*W) Max.Mould Size	mm	330*360				400*375				500*470				580*540				710*630				760*630				840*680				930*820				1030*900				1180*1130			
滑板尺寸 (L*W) Skate Size	mm	350*380				420*395				540*490				600*560				730*650				780*650				860*700				950*840				1050*920				1200*1150			
顶杆数量 QTY Of Ejector	pcs	3				3				3				3				5(呈十字分布)Cross Distribution								5(呈十字分布)Cross Distribution															
顶杆间距 Distance Between Ejectors	mm	80				80				80				80				100				125				125				150				150				150			
成品顶出距离 Ejector Distance	mm	100				100				100				100				110				150				150				150				150				150			
顶出力 Ejector Force	kN(tf)	26.5(2.7)				26.5(2.7)				26.5(2.7)				45(4.6)				45(4.6)				45(4.6)				45(4.6)				68.9(7.0)				68.9(7.0)				68.9(7.0)			
其它 OTHERS																																									
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)/17.2(175)				13.7(140)				13.7(140)/17.2(175)				13.7(140)				13.7(140)				13.7(140)				13.7(140)				17.2(175)				17.2(175)				17.2(175)			
油箱容量 Oil Tank Capacity	L	130				140				280				340				450				540				700				700				900				900			
电机功率 Electric Power	KW	5.5/7.5				7.5				15/18.7				18.7				22				31				37				45				56				56			
电热功率 Heater Power	KW	3.6				5.5				7.0				10.7				13.7				13.7				24.3				24.3				34.5				34.5			
机械尺寸 L*W Machine Dimensions	m	1.8*1.2				2.05*1.3				2.2*1.5				2.4*1.8				2.8*1.8				3.3*2.1				3.5*2.3				3.9*2.3				4.4*2.4				4.6*2.5			
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.2(Max:2.8)				Min:2.32(Max:2.9)				Min:2.7(Max:3.4)				Min:3.3(Max:4.1)				Min:3.4(Max:4.2)				Min:4.35(Max:5.35)				Min:4.5(Max:5.6)				Min:4.8(Max:6.0)				Min:4.9(Max:6.1)				Min:5.3(Max:6.5)			
冷却水排量 Cooling Water Capacity	L/min	25				35				40				50				50				60				60				70				70				70			
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	990+(60)				1088+(60)				1140+(70)				1340+(70)				1480+(80)				1630+(80)				1630+(80)				1800+(80)				1800+(80)				1950+(80)			
机械重量 Machine Weight	ton	1.5				1.9				3.9				6.0				8.5				11.5				13.6				17.0				18.5				20.5			

TFV4-SD

双滑板机系列 Double Slide Series

功能特点 Features

- ◆ 立式锁模，立式注射。
- ◆ 双滑板设计，交替滑动，一模注射成型、另一模取放制品。
- ◆ 有效提升生产效率、灵活性及安全性。
- ◆ 制品取出均在合模区外部，操作便捷安全性高。
- ◆ 适用于有镶嵌件产品的注塑成型和多用途注塑成型工序。
- ◆ 120吨（含）以上机型可选抱闸式低工作台机型。
- ◆ Vertical clamping mold, vertical injection.
- ◆ Double sliding plate design, alternating sliding, the first mock examination injection molding, another the first mock examination take and place products.
- ◆ Effectively improving production efficiency, flexibility, and safety.
- ◆ The products are all taken out outside the mold area, which is convenient and safe to operate.
- ◆ Suitable for injection molding and multi-purpose injection molding processes of products with embedded parts.
- ◆ Models weighing 120 tons or more can be equipped with a brake type low workbench model.

技术参数 Parameters

机型 MODEL		TFV4-35SD				TFV4-55SD				TFV4-85SD				TFV4-120SD				TFV4-160SD				TFV4-200SD				TFV4-250SD				TFV4-300SD				TFV4-350SD				TFV4-400SD											
注射装置 INJECTION UNIT		23				25				28				212				216				220				220				220				230				230											
螺杆行程 Screw Stroke	mm	140				140				140				160				200				250				250				250				360				360											
螺杆直径 Screw Diameter	mm	22	26	28	28	30	32	32	36	40	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	80	85	90																		
理论注射量 Theoretical Injection Volume	cm³	53	74	86	86	99	113	113	143	176	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1385	1590	1810	1810	2043	2290																		
注塑质量 Injection Weight(PS)	g	49	69	80	80	92	105	105	133	164	151	187	237	296	365	442	552	657	772	657	772	895	772	895	1027	1288	1479	1683	1683	1900	2130																		
	oz	1.75	2.44	2.83	2.83	3.25	3.69	3.69	4.67	5.77	5.34	6.60	8.35	10.43	12.88	15.59	19.48	23.19	27.21	23.19	27.21	31.56	27.21	31.56	36.23	45.45	52.17	59.36	59.36	67.01	75.13																		
最大注塑压力 Max.Injection Pressure	Mpa	248	178	153	213	185	163	228	180	146	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	183	162	145																		
	kgf/cm²	2531	1812	1563	2170	1890	1661	2331	1842	1492	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1870	1657	1478																		
射出速率 Injection Rate	cm³/s	44	62	72	65	74	84	100	126	156	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	503	567	636																		
最大射出速度 Max. Injection Speed	mm/s	117				105				124				126				105				82				102				112				100				100											
螺杆转速 Screw Speed Rotation	r.p.m	10~300				10~300				10~280				10~280				10~280				10~240				10~240				10~180				10~180				10~180											
定位环直径 Positioning Ring Diameter	mm	100				110				120				120				120				150				150				150				150				150											
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45				≥45				≥45				≥80				≥80				≥80											
合模装置 CLAMPING UNIT																																																	
合模力 Clamping Force	kN(tf)	343(35)/441(45)				539(55)				833(85)/980(100)				1176(120)				1568(160)				1960(200)				2450(250)				2940(300)				3430(350)				3920(400)											
合模行程 Clamping Stroke	mm	200				200				250				280				300				350				350				400				400				450											
最小模厚 Min.Mold Thickness	mm	150(210)				180(240)				230(310)				280(380)				300(400)				350(450)				350(450)				400(500)				500(600)				600(700)											
最大开距 Max.Opening	mm	350(410)				380(440)				480(560)				560(660)				600(700)				700(800)				700(800)				800(900)				900(1000)				1050(1150)											
柱间距 (L*W) Distance Between Tie Bars	mm	410*220				445*255				660*350				760*380				860*420				900*450				950*550				1060*600				1250*650				1350*700											
最大模具尺寸 (L*W) Max.Mould Size	mm	340*340				380*380				500*475				600*540				630*630				710*710				800*710				920*820				1030*900				1180*1130											
滑板尺寸 (L*W) Skate Size	mm	730*360				915*400				1120*500				1290*560				1400*650				1590*730				1750*730				1900*840				2110*920				2420*1150											
顶杆数量 QTY Of Ejector	pcs	1				1				3				3				5(呈十字分布)Cross Distribution																5(呈十字分布)Cross Distribution															
顶杆间距 Distance Between Ejectors	mm	—				—				80				80				100				125				150				150				180				180											
成品顶出距离 Ejector Distance	mm	100				100				100				100				110				150				150				150				150				150											
顶出力 Ejector Force	kN(tf)	26.5(2.7)				26.5(2.7)				26.5(2.7)				45(4.6)				45(4.6)				45(4.6)				45(4.6)				68.9(7.0)				68.9(7.0)				68.9(7.0)											
其它 OTHERS																																																	
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)/17.2(175)				13.7(140)				13.7(140)/17.2(175)				13.7(140)				13.7(140)				13.7(140)				13.7(140)				17.2(175)				17.2(175)				17.2(175)											
油箱容量 Oil Tank Capacity	L	130				140				280				340				450				540				700				700				900				900											
电机功率 Electric Power	KW	7.5/11				11				15+2.2/18+2.2				18+2.2				22+2.2				31+2.2				37+2.2				45+4				56+4				56+4											
电热功率 Heater Power	KW	3.6				5.5				7.0				10.7				13.7				13.7				24.3				24.3				34.5				34.5											
机械尺寸 L*W Machine Dimensions	m	1.6*1.2				1.8*1.3				2.1*1.9				2.4*2.25				2.5*2.4				2.8*2.7				3.1*3.0				3.4*3.3				4.4*2.4				4.7*2.7											
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.2(Max:2.8)				Min:2.32(Max:2.9)				Min:2.8(Max:3.5)				Min:3.3(Max:4.1)				Min:3.7(Max:4.6)				Min:4.4(Max:5.4)				Min:4.5(Max:5.6)				Min:4.8(Max:6.0)				Min:4.9(Max:6.1)				Min:5.3(Max:6.5)											
冷却水排量 Cooling Water Capacity	L/min	25				35				40				50				50				60				60				70				70				70											
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	990+(60)				1088+(60)				1140+(70)				1340+(70)				1480+(80)				1630+(80)				1630+(80)				1800+(80)				1800+(80)				1950+(80)											
机械重量 Machine Weight	ton	1.7				2.2				4.3				7.0				10.8				14.0				15.5				19.0				20.3				23.5											

TFV4-ZT-2C

转塔双色系列

Turret Dual Color Series

功能特点 Features

- ◆ 采用中心伺服转塔，定位精准适合手柄、螺丝刀等旋转模芯的产品
- ◆ 两套或多套独立液压系统提供动力，同步进行注射成型与制品脱模，提升效率30%~70%
- ◆ 可选择分体式锁模结构，即可当双色机使用，也可当两台单色机独立操作
- ◆ 转塔中心设置有同步冷却水连接装置，可对模芯冷却，缩短成型周期
- ◆ 搭配机械手可实现无人化全自动生产
- ◆ 三色或多色的产品可从基础4站转塔升级至6站、8站进一步提升生产效率
- ◆ 适用于多色或多物料带有镶嵌件产品的一次注塑成型
- ◆ Adopting a central servo turret, precise positioning is suitable for products with rotating mold cores such as handles and screwdrivers
- ◆ Two or more independent hydraulic systems provide power for synchronous injection molding and product demolding, improving efficiency by 30% -70%
- ◆ The split type locking structure can be selected, which can be used as a dual color machine or operated independently by two monochrome machines
- ◆ The center of the turret is equipped with a synchronous cooling water connection device, which can cool the mold core and shorten the molding cycle
- ◆ Equipped with a robotic arm, unmanned and fully automated production can be achieved
- ◆ Products with three or more colors can be upgraded from basic 4 stations to 6 or 8 stations to further improve production efficiency
- ◆ Suitable for one-time injection molding of multi-color or multi material products with embedded parts

技术参数 Parameters

射出系统型式 TYPE		A				B				C				D				E				F			
注射装置 INJECTION UNIT		P5				Z3				Z5				Z8				Z12				Z16			
螺杆行程 Screw Stroke	mm	100				140				140				140				160				200			
螺杆直径 Screw Diameter	mm	18	22	28	22	26	28	28	30	32	32	36	40	36	40	45	45	50	55						
理论注射量 Theoretical Injection Volume	cm³	25	38	62	53	74	86	86	99	113	113	143	176	163	201	254	318	393	475						
注塑质量 Injection Weight(PS)	g	24	35	57	49	69	80	80	92	105	105	133	164	151	187	237	296	365	442						
	oz	0.83	1.25	2.02	1.75	2.44	2.83	2.83	3.25	3.69	3.69	4.67	5.77	5.34	6.60	8.35	10.43	12.88	15.59						
最大注塑压力 Max.Injection Pressure	Mpa	343	230	142	248	178	153	213	185	163	228	180	146	222	180	142	218	177	146						
	kgf/cm²	3500	2343	1446	2531	1812	1563	2170	1890	1661	2331	1842	1492	2269	1838	1452	2226	1803	1490						
螺杆转速 Screw Speed Rotation	r.p.m	10~350				10~300				10~300				10~280				10~260				10~260			
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45				≥45			
电热功率 Heater Power	KW	3.6				3.6				5.5				8.7				13.2				17.0			

机型 MODEL		TFV4-90ZT4-2C				TFV4-120ZT4-2C				TFV4-170ZT4-2C				TFV4-250ZT4-2C			
合模装置 CLAMPING UNIT																	
可选用射台系统型式 (任意组合) Optional Shooting Platform System Type (Random Combination)	name	A/B/C				A/B/C/D				A/B/C/D/E/F				B/C/D/E/F			
合模力 Clamping Force	kN(tf)	882 ((90 (45*2))				1176(120 (60*2))				1666(170 (85*2))				2450(250 (125*2))			
合模行程 Clamping Stroke	mm	250				280				300				350			
最小模厚 Min.Mold Thickness	mm	230(310)				250(350)				280(380)				350(450)			
最大开距 Max.Opening	mm	480(560)				530(630)				580(680)				700(800)			
最大模具尺寸 (L*W)Max.Mould Size	mm	310*310				350*350				420*420				510*510			
成品顶出距离 Ejector Distance	mm	45				60				90				φ1400			
顶出力 Ejector Force	kN(tf)	17.2(1.75)				17.2(1.75)				26.5(2.7)				100			
其它 OTHERS																	
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)				13.7(140)				13.7(140)				45(4.6)			
油箱容量 Oil Tank Capacity	L	330				460				650				13.7(140)			
电机功率 Electric Power	KW	7.5+7.5				11+11				15+15				18.5+18.5			
机械尺寸 L*W Machine Dimensions	m	2.1*1.8				2.4*2.2				2.6*2.4				2.5*2.4			
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.5(Max:3.4)				Min:2.8(Max:3.6)				Min:3.2(Max:4.1)				Min:3.5(Max:4.3)			
冷却水排量 Cooling water capacity	L/min	60				60				70				70			
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	1310+(60)				1450+(80)				1500+(80)				1580+(80)			
机械重量 Machine Weight	ton	5.2				7.3				9.5				17.3			

* 规格若修改，恕不另行通知！ Specifications are subject to change without notice!

锁模力：90Ton~250Ton
Clamping force: 90Ton~250Ton



TFV4-R-2C

TFV6-R-2C

联体圆盘双色/分体式圆盘双色双物料

Rotary Table Dual Color / Split Rotary Table Dual Color Dual Material

锁模力：90Ton~800Ton
Clamping force: 90Ton~800Ton



功能特点 Features

- ◆ 塑胶+塑胶或塑胶+液态硅胶或液态硅胶+液态硅胶等多品种物料均可满足
- ◆ 两套或多套独立液压系统提供动力，同步进行注射成型与制品取出，提升效率30%-70%
- ◆ 可选择分体式锁模结构，即可当双色机使用，也可当两台单色机独立操作
- ◆ 可根据需要选配R3三工位/R4四工位/多工位机型
- ◆ 适用于多色或多物料带有镶嵌件产品的一次注塑成型
- ◆ Various materials such as plastic+plastic or plastic+liquid silicone or liquid silicone+liquid silicone can satisfy the requirements
- ◆ Two or more independent hydraulic systems provide power for synchronous injection molding and product removal, improving efficiency by 30% -70%
- ◆ The split type locking structure can be selected, which can be used as a dual color machine or operated independently by two monochrome machines
- ◆ R3 three station/R4 four station/multi station models can be selected as needed
- ◆ Suitable for one-time injection molding of multi-color or multi material products with embedded parts

技术参数 Parameters

射出系统型式 TYPE		A				B				C				D				E				F			
注射装置 INJECTION UNIT		P5				Z3				Z5				Z8				Z12				Z16			
螺杆行程 Screw Stroke	mm	100				140				140				140				160				200			
螺杆直径 Screw Diameter	mm	18	22	28	22	26	28	28	30	32	32	36	40	36	40	45	45	50	55						
理论注射量 Theoretical Injection Volume	cm³	25	38	62	53	74	86	86	99	113	113	143	176	163	201	254	318	393	475						
注塑质量 Injection Weight(PS)	g	24	35	57	49	69	80	80	92	105	105	133	164	151	187	237	296	365	442						
	oz	0.83	1.25	2.02	1.75	2.44	2.83	2.83	3.25	3.69	3.69	4.67	5.77	5.34	6.60	8.35	10.43	12.88	15.59						
最大注塑压力 Max.Injection Pressure	Mpa	343	230	142	248	178	153	213	185	163	228	180	146	222	180	142	218	177	146						
	kgf/cm²	3500	2343	1446	2531	1812	1563	2170	1890	1661	2331	1842	1492	2269	1838	1452	2226	1803	1490						
螺杆转速 Screw Speed Rotation	r.p.m	10~350				10~300				10~300				10~280				10~260				10~260			
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45				≥45			
电热功率 Heater Power	KW	3.6				3.6				5.5				8.7				13.2				17.0			

机型 MODEL		TFV4-90R2-2C	TFV4-120R2-2C	TFV4-170R2-2C	TFV4-200R2-2C	TFV4-250R2-2C	TFV4-320R2-2C	TFV4-400R2-2C
合模装置 CLAMPING UNIT								
可选用射台系统型式 (任意组合) Optional Shooting Platform System Type (Random Combination)	name	A/B/C	A/B/C	A/B/C/D	B/C/D/E/F	B/C/D/E/F	B/C/D/E/F	B/C/D/E/F
合模力 Clamping Force	kN(tf)	882 ((90 (45*2))	1176(120 (60*2))	1666(170 (85*2))	1960(200 (100*2))	2450(250 (125*2))	3136(320 (160*2))	3920(400 (200*2))
合模行程 Clamping Stroke	mm	250	280	280	280	350	400	450
最小模厚 Min.Mold Thickness	mm	230(310)	250(350)	280(380)	280(380)	350(450)	400(500)	450(550)
最大开距 Max.Opening	mm	480(560)	530(630)	560(660)	560(660)	700(800)	800(900)	900(1000)
最大模具尺寸 (L*W) Max.Mould Size	mm	310*310	350*350	420*420	420*420	510*510	560*560	660*660
转盘尺寸 (D) Rotary Table Size	mm	φ910	φ1010	φ1200	φ1200	φ1400	φ1600	φ1800
成品顶出距离 Ejector Distance	mm	45	60	90	90	100	110	110
顶出力 Ejector Force	kN(tf)	17.2(1.75)	17.2(1.75)	26.5(2.7)	45(4.6)	45(4.6)	45(4.6)	45(4.6)
其它 OTHERS								
系统压力 System Pressure	Mpa(kgf/cm ²)	13.7(140)	13.7(140)	13.7(140)	17.2(175)	13.7(140)	13.7(140)	13.7(140)
油箱容量 Oil Tank Capacity	L	330	460	650	650	740	960	1080
电机功率 Electric Power	KW	7.5+7.5	11+11	15+15	18.5+18.5	18.5+18.5	22+22	22+22
机械尺寸 L*W Machine Dimensions	m	2.1*1.8	2.4*2.2	2.6*2.4	2.6*2.4	2.5*2.4	2.9*2.7	3.2*2.9
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.5(Max:3.4)	Min:2.8(Max:3.6)	Min:3.2(Max:4.1)	Min:3.4(Max:4.2)	Min:3.5(Max:4.3)	Min:3.9(Max:4.7)	Min:4.2(Max:5.1)
冷却水排量 Cooling water capacity	L/min	60	60	70	70	70	70	70
工作台面高度+ (避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	1310+(60)	1450+(80)	1500+(80)	1500+(80)	1580+(80)	1650+(80)	1800+(80)
机械重量 Machine Weight	ton	5.2	7.3	9.5	10.8	17.3	21.0	25.0

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TFV4-R4-3C

圆盘多色多物料系列

Rotary Table Multi-color / Multi-material Series

功能特点 Features

- ◆ 塑胶+塑胶或塑胶+液态硅胶或液态硅胶+液态硅胶等多品种物料均可满足
- ◆ 三套独立液压系统提供动力，同步进行注射成型与制品取出，提升效率30%~70%
- ◆ 适用于多色多物料带有镶嵌件产品的一次注塑成型
- ◆ Injection molding of various materials such as plastic + plastic or plastic + liquid silicone or liquid silicone + liquid silicone can be satisfied by the series of machines
- ◆ It has three sets of independent hydraulic systems provide power to perform injection molding and product removal, simultaneously, which can increase efficiency by 30%-70%
- ◆ It is suitable for one-time injection molding of multi-color and multi-material products with inserts

技术参数 Parameters

机 型 MODEL		A				B				C				D				E			
注射装置 INJECTION UNIT																					
		P5				Z3				Z5				Z8				Z12			
螺杆行程 Screw stroke	mm	100				140				140				140				160			
螺杆直径 Screw Diameter	mm	18	22	28	22	26	28	28	30	32	32	36	40	36	40	45					
理论注射量 Theoretical Injection Volume	cm³	25	38	62	53	74	86	86	99	113	113	143	176	163	201	254					
注塑质量 Injection Weight(PS)	g	24	35	57	49	69	80	80	92	105	105	133	164	151	187	237					
	oz	0.83	1.25	2.02	1.75	2.44	2.83	2.83	3.25	3.69	3.69	4.67	5.77	5.34	6.60	8.35					
最大注塑压力 Max.Injection Pressure	Mpa	343	230	142	248	178	153	213	185	163	228	180	146	222	180	142					
	kgf/cm²	3500	2343	1446	2531	1812	1563	2170	1890	1661	2331	1842	1492	2269	1838	1452					
螺杆转速 Screw Speed Rotation	r.p.m	10~350				10~300				10~300				10~280				10~260			
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45			
电热功率 Heater Power	KW	3.6				3.6				5.5				8.7				13.2			

机型 MODEL	TFV4-120R4-3C				TFV4-170R4-3C				TFV4-250R4-3C				TFV4-360R4-3C			
合模装置 CLAMPING UNIT																
可选用射台系统型式 (任意组合) Optional System of Enjection Blend (any combination)	A/B/C				A/B/C/D				A/B/C/D/E				B/C/D/E			
合模力 Clamping Force	1176(120 (40*3))				1666(170 (55*3))				2450(250 (85*3))				3136(320 (120*3))			
合模行程 Clamping Stroke	200				250				300				300			
最小模厚 Min.Mold Thickness	180(280)				280(380)				350(450)				400(500)			
最大开距 Max.Opening	380(480)				530(630)				650(750)				700(800)			
最大模具尺寸 (L*W) Max.Mould Size	300*300				370*370				420*420				500*500			
转盘尺寸 (D) Rotary Table Size	φ1010				φ1200				φ1400				φ1600			
成品顶出距离 Ejector Distance	100				100				110				110			
顶出力 Ejector Force	26.5(2.7)				26.5(2.7)				45(4.6)				45(4.6)			
其它 OTHERS																
系统压力 System Pressure	13.7(140)				13.7(140)				13.7(140)				13.7(140)			
油箱容量 Oil Tank Capacity	280				420				600				800			
电机功率 Electric Power	11+11+11				15+15+15				18.5+18.5+18.5				22+22+22			
机械尺寸 L*W Machine Dimensions	2.6*1.8				2.8*2.0				3.2*2.2				3.5*2.4			
H (不含避震脚) Exclude Shock-absorbing Feet	Min:2.7(Max:3.4)				Min:3.2(Max:4.1)				Min:3.5(Max:4.3)				Min:3.9(Max:4.7)			
冷却水排量 Cooling Water Capacity	50				50				60				70			
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	1300+(80)				1450+(80)				1580+(80)				1650+(80)			
机械重量 Machine Weight	7.0				9.5				12.5				17.5			

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锁模力：120Ton~900Ton
Clamping force: 120Ton~900Ton



TF-R

独立转盘系列

Independent Turntable Machine Series

功能特点 Features

- ◆ 精密伺服电机驱动、旋转平稳，定位精准
- ◆ 高效率齿轮传动、定位结构
- ◆ 中央同步运水/油/电/气装置
- ◆ 特殊转盘支承结构，防止装模前倾下垂
- ◆ Precision servo motor drive, stable rotation and accurate positioning
- ◆ High-efficiency gear transmission and positioning structure
- ◆ Centrally synchronized water/oil/electricity transportation device
- ◆ It has a special turntable slewing bearing structure to prevent tilting forward and sagging when fixing a die



技术参数 Parameters

机型 MODEL		TF-R460	TF-R610	TF-R790	TF-R990
转盘装置 ROTARY TABLE DEVICE					
转盘直径 Diameter Of Turntable	mm	Φ460	Φ610	Φ790	Φ990
转盘厚度 Tuentable Thickness	mm	110	110	150	170
最大移模重量 Max.Mold Weight	Kg	380	680	1100	1650
转动角度 Angle Of Rotation	°	0-180°-0	0-180°-0	0-180°-0	0-180°-0
最小柱间距 Distance Between Tie bars	mm	380*380	480*480	580*580	730*730
机器最大开距 Max. Opening	mm	565	780	900	1200
水路 Water Circuit	进水 (In)	2	2	2	2
	出水 (Out)	2	2	2	2
转盘重量 Turnable Weight	Kg	250	380	930	1350

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TF-H-ZS

独立射台系列

Independent Enjection Blend Series

功能特点 Features

- ◆ 配备独立液压与电控集成系统，结构布局简洁合理，即装即用
- ◆ 兼容现有立式、卧式注塑机连接，不用另购双色或三色机，即可实现多物料注塑成型
- ◆ 移机方便，只需简单培训即可自行拆装到另一机台
- ◆ 多螺杆规格选择，能最大范围满足使用需求
- ◆ It equipped with independent hydraulic system and electronic control integrated system, and the structure layout is simple and reasonable, which can be installed and used immediately
- ◆ It is compatible with existing vertical and horizontal injection molding machines and can realize multi-material injection molding without purchasing another two-color or three-color injection molding machine
- ◆ It is easy to move the machine and can be disassembled and assembled to another machine by yourself with simple training
- ◆ A variety of screw specifications can be selected to meet the needs of customers to the greatest extent



技术参数 Parameters

机型 MODEL		TF-H35-ZS			TF-H55-ZS			TF-H85-ZS		
注射装置 INJECTION UNIT										
螺杆行程 Screw stroke	mm	140			140			160		
螺杆直径 Screw Diameter	mm	22	26	28	30	32	36	36	40	45
理论注射量 Theoretical Injection Volume	cm³	53	74	86	99	113	143	163	201	254
注塑质量 Injection Weight(PS)	g	49	69	80	92	105	133	151	187	237
	oz	1.75	2.44	2.83	3.25	3.69	4.67	5.34	6.60	8.35
最大注塑压力 Max.Injection Pressure	Mpa	311	223	192	232	204	161	226	183	145
	kgf/cm²	3173	2272	1959	2369	2082	1645	2309	1870	1478
射出速率 Injection Rate	cm³/s	44	62	72	74	84	107	126	156	197
射出速度 Injection Speed	mm/s	117			105			124		
螺杆转速 Screw Speed Rotation	r.p.m	10~300			10~300			10~280		
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥100			≥100			≥100		
其它 OTHERS										
系统压力 System Pressure	Mpa(kgf/cm²)	17.2(175)			17.2(175)			17.2(175)		
油箱容量 Oil Tank Capacity	L	120			160			220		
电机功率 Electric Power	KW	7.5			11			15		
电热功率 Heater Power	KW	3.6			5.5			7.0		

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TFV3-R-2CN TFW3-R-2CN

动力电池盖板专用机系列

Power Battery Cover Plate Special Machine Series

功能特点 Features

- ◆ 动力电池盖板专用机型，射嘴中心距155mm或选配150-200mm可调
- ◆ 采用双射出机构搭配模具可一次成型电池盖板双物料，解决电池盖板分需分两次和三次注塑的问题
- ◆ 节省60%生产周期，减少因冷却收缩引起的品质问题，大幅降低生产成本
- ◆ 两套或三套独立液压系统提供动力、射出系统独立注射，提高生产效率40%-60%
- ◆ 根据产品需求可选择三工位圆盘或四工位圆盘
- ◆ 适用于双色双物料同一模腔内成型的制品

技术参数 Parameters

- ◆ Special model for power battery cover plate, with nozzle center distance of 155mm or optional adjustable 150-200mm
- ◆ By using a dual injection mechanism combined with a mold, the battery cover plate can be formed with dual materials in one go, solving the problem of dividing the battery cover plate into two and three injection molding processes
- ◆ Save 60% of production cycle, reduce quality issues caused by cooling shrinkage, and significantly reduce production costs
- ◆ Two or three independent hydraulic systems provide power, and the injection system injects independently, improving production efficiency by 40% -60%
- ◆ According to product requirements, you can choose between a three station rotary table or a four station rotary table
- ◆ It is applicable to products formed in the same the first mock examination with two colors and two materials

锁模力：85Ton~160Ton
Clamping force: 85Ton~160Ton



机型 MODEL	TFV3-85R2-2CN							TFV3-120R2-2CN							TFV3-120R3-2CN-X							TFV3-120R3-2CN-X							TFV3-160R4-2CN-X							TFW3-120R2-2CN							TFW3-160R4-2CN-X						
注射装置 INJECTION UNIT																																																	
射台配置代码 Shooter Configuration Code	name	I3 (第一色)			I3 (第二色)			I5 (第一色)			I5 (第二色)			I5 (第一色)			I5 (第二色)			I5 (第一色)			I5 (第二色)			I5 (第一色)			I5 (第二色)			I5 (第一色)			I5 (第二色)														
螺杆行程 Screw Stroke	mm	140			140			140			140			140			140			140			140			140			140			140			140														
螺杆直径 Screw Diameter	mm	20	22	25	20	22	25	20	22	25	20	22	25	20	22	25	20	22	25	20	22	25	20	22	25	20	22	25	20	22	25	20	22	25															
理论注射量 Theoretical Injection Volume	cm³	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69															
注塑质量 Injection Weight(PS)	g	41	49	64	41	49	64	41	49	64	41	49	64	41	49	64	41	49	64	41	49	64	41	49	64	41	49	64	41	49	64	41	49	64															
	oz	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25	1.44	1.75	2.25															
最大注塑压力 Max.Injection Pressure	Mpa	300	248	192	300	248	192	417	344	267	417	344	267	417	344	267	417	344	267	417	344	267	417	344	267	417	344	267	417	344	267	417	344	267															
	kgf/cm²	3063	2531	1960	3063	2531	1960	4253	3514	2722	4253	3514	2722	4253	3514	2722	4253	3514	2722	4253	3514	2722	4253	3514	2722	4253	3514	2722	4253	3514	2722	4253	3514	2722															
射出速率 Injection Rate	cm³/s	44	54	69	37	44	57	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69	44	53	69															
最大射出速度 Max Injection Speed	mm/s	141			141			140			140			140			140			140			140			140			140			140			140														
螺杆转速 Screw Speed Rotation	r.p.m	10~350			10~350			10~350			10~350			10~350			10~350			10~350			10~350			10~350			10~350			10~350			10~350														
定位环直径 Positioning Ring Diameter	mm	120			120			120			120			120			120			120			120			120			120			120			120														
射嘴中心距离 Nozzle Center Distance	mm	155			155			155			155			155			155			155			155			155			155			155			155														
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45			≥45			≥60			≥60			≥60			≥60			≥60			≥60			≥60			≥60			≥60			≥60														
合模装置 CLAMPING UNIT																																																	
合模力 Clamping Force	kN(tf)	833(85)			1176(120)			1176(120)			1176(120)			1176(120)			1568(160)			1176(120)			1568(160)			1176(120)			1568(160)			1176(120)			1568(160)														
合模行程 Clamping Stroke	mm	250			280			280			280			280			300			220			220			220			220			220			220														
最小模厚 Min.Mold Thickness	mm	400(480)			400(500)			400(500)			400(500)			400(500)			400(500)			400(500)			400(500)			400(500)			400(500)			400(500)			400(500)														
最大开距 Max.Opening	mm	650(730)			680(780)			680(780)			680(780)			680(780)			700(800)			620(720)			620(720)			620(720)			620(720)			620(720)			620(720)														
最大模具尺寸 (L*W) Max.Mould Size	mm	360*360/450*320			420*420/560*360			500*500/700*400			500*500/700*400			500*500/700*400			500*500/620*400			420*420/560*360			500*500/620*400			420*420/560*360			500*500/620*400			500*500/620*400																	
转盘工位数 Number Of Turntable Stations	mm	2			2			3			3			3			4			2			2			2			4			4			4														
转盘尺寸 (D) Rotary Table Size	mm	φ1010			φ1200			φ1400			φ1400			φ1630			φ1630			φ1200			φ1200			φ1630			φ1630			φ1630			φ1630														
顶杆数量 QTY Of Ejector	pcs	3			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)			5(呈十字分布)														
顶杆间距 Distance Between Ejectors	mm	80			100			100			100			100			100			100			100			100			100			100			100														
成品顶出距离 Ejector Distance	mm	100			100			100			100			100			100			100			100			100			100			100			100														
顶出力 Ejector Force	kN(tf)	45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)			45(4.6)														
其它 OTHERS																																																	
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)			13.7(140)														
油箱容量 Oil Tank Capacity	L	300			380			380			380			380			450			320			320			320			320			320			320														
电机功率 Electric Power	KW	11+7.5			11+11			11+11			11+11			11+11			11+11			11+11			11+11			11+11			11+11			11+11			11+11														
电热功率 Heater Power	KW	5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5			5.5+5.5														
机械尺寸 L*W Machine Dimensions	m	2.3*1.8			2.5*2.0			2.8*2.2			2.8*2.2			2.8*2.2			3.5*2.2			2.9*2.0			3.5*2.2			3.5*2.2			3.5*2.2			3.5*2.2			3.5*2.2														
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.8(Max:3.5)			Min:3.2(Max:3.9)			Min:3.2(Max:3.9)			Min:3.2(Max:3.9)			Min:3.2(Max:3.9)			Min:3.5(Max:4.3)			Min:2.9(Max:3.6)			Min:2.9(Max:3.6)			Min:2.9(Max:3.6)			Min:2.9(Max:3.6)			Min:2.9(Max:3.6)																	
冷却水排量 Cooling Water Capacity	L/min	40			50			50			50			50			60			50			50			50			50			50			50														
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	1150+(70)			1310+(70)			1310+(70)			1310+(70)			1310+(70)			1495+(70)			880+(70)			880+(70)			880+(70)			880+(70)			880+(70)			880+(70)														
机械重量 Machine Weight	ton	5.2			7.8			8.8			8.8			8.8			10.5			7			7			7			7			7			7														

功能特点 Features

- ◆ 立式无柱锁模、卧式射出
- ◆ 无柱式设计、三面开放空间、作业无遮挡，更方便长条状产品的嵌入与取出
- ◆ 可根据客户需求搭配单滑板式 (S)、双滑板式(SD)、转盘式(R)
- ◆ 常用于英规、美规、欧规、澳规、国标等线束的生产
- ◆ Vertical column-free mold clamping, horizontal injection
- ◆ No column design, open space on three sides, unobstructed operation, more convenient for embedding and removing elongated products
- ◆ Can be paired with single slide (S), double slide (SD), and rotary (R) according to customer needs
- ◆ Commonly used in the production of wire harnesses according to British, American, European, Australian, and national standards

技术参数 Parameters

机型 MODEL		TFC-35	TFC-35S	TFC-35SD	TFC-35R2	TFC-55	TFC-55S	TFC-55SD	TFC-55R2		TFC-85	TFC-85S	TFC-85SD	TFC-85R2	TFC-120	TFC-120S	TFC-120SD	TFC-120R2
注射装置 INJECTION UNIT																		
螺杆行程 Screw Stroke	mm	HZ3 140				HZ5 150				HZ8 200				HZ12 260				
螺杆直径 Screw Diameter	mm	26	28	32	36	40	45	50	55		45	50	55	60	55	60	65	70
理论注射量 Theoretical Injection Volume	cm³	74	86	113	143	188	239	295	356		318	393	475	565	618	735	863	1001
注塑质量 Injection Weight(PS)	g	69	80	105	133	175	222	274	331		296	365	442	526	574	684	802	931
	oz	2.44	2.83	3.69	4.67	6.18	7.83	9.66	11.69		10.43	12.88	15.59	18.55	20.26	24.12	28.30	32.82
最大注塑压力 Max.Injection Pressure	Mpa	178	153	117	93	146	116	94	77		188	152	126	106	171	144	123	106
	kgf/cm²	1812	1563	1196	945	1492	1179	955	789		1919	1554	1284	1079	1749	1470	1253	1080
射出速率 Injection Rate	cm³/s	62	72	94	119	113	143	177	214		121	149	181	215	166	198	232	269
射出速度 Injection Speed	mm/s	117				90				76				70				
射嘴中心高度 Nozzle Center Height	mm	140±25				150±25				150±30				180±30				
射嘴至模具中心距离 Mold Center Distance	mm	60				75				100				100				
螺杆转速 Screw Speed Rotation	r.p.m	10~280				10~240				10~240				10~280				
合模装置 CLAMPING UNIT																		
合模力 Clamping Force	kN(tf)	343(35)				539(55)				833(85)				1176(120)				
合模行程 Clamping Stroke	mm	200				200				250				300				
最小模厚 Min.Mold Thickness	mm	175				175				180				200				
最大开距 Max.Opening	mm	375				375				430				500				
最大模具尺寸 (L*W) Max.Mould Size	mm	400*240	330*360	340*340	250*250	480*330	400*375	380*380	300*300		580*390	500*470	500*480	310*310	680*410	580*540	600*540	360*360
模板尺寸(L*W) Platen Size	mm	420*240	350*380	730*360	Φ680	500*335	420*395	915*400	Φ810		600*395	540*490	1120*500	Φ910	700*420	600*560	1290*560	Φ1010
成品顶出距离 Ejector Distance	mm	50		100		50		100			100		100		100		100	
顶出力 Ejector Force	kN(tf)	31.3(3.2)				45(4.6)				45(4.6)				45(4.6)				
其它 OTHERS																		
系统压力 System Pressure	Mpa(kgf/cm³)	13.7(140)				13.7(140)				13.7(140)				13.7(140)				
油箱容量 Oil Tank Capacity	L	140				160				280				350				
电机功率 Electric Power	KW	5.5		7.5		7.5		11			15		15+2.2		18.7		18.7+2.2	
电热功率 Heater Power	KW	5.5				8.4				11.3				11.3				
冷却水排量 Cooling Water Capacity	L/min	25				30				45				50				
机械尺寸 L*W Machine Dimensions	m	2.4*0.9	2.6*0.9	2.5*1.4	2.8*1.1	2.6*1.0	2.8*1.0	2.6*1.6	3.0*1.1		3.5*1.1	3.7*1.1	3.5*1.8	3.7*1.3	3.5*1.3	3.7*1.5	3.5*2.2	3.6*1.5
H (不含避震脚) Exclude Shock-absorbing Feet	m	2.1	2.2	2.2	2.2	2.1	2.2	2.2	2.2		2.4	2.5	2.5	3.3	2.7	2.8	2.8	2.9
机械重量 Machine Weight	ton	2.8	2.9	3.1	3.5	3	3.1	3.3	3.6		4.5	4.7	5.2	5.7	6.9	7.1	7.4	8.6

* 规格若修改，恕不另行通知！ Specifications are subject to change without notice!

锁模力：45Ton~160Ton
Clamping force: 45Ton~160Ton



TFVLC

C型机系列 C-type Machine Series

功能特点 Features

- ◆ 立式无柱锁模、立式射出
 - ◆ 无柱式设计、三面开放空间、作业无遮挡，更方便长条状产品的嵌入与取出
 - ◆ 可根据客户需求搭配单滑板式 (S)、双滑板式(SD)、转盘式(R)
 - ◆ 常用于英规、美规、欧规、澳规、国标等线束的生产
- ◆ Vertical column-free mold clamping, vertical injection
 - ◆ No column design, open space on three sides, unobstructed operation, more convenient for embedding and removing elongated products
 - ◆ Can be paired with single slide (S), double slide (SD), and rotary (R) according to customer needs
 - ◆ Commonly used in the production of wire harnesses according to British, American, European, Australian, and national standards

锁模力：55Ton~1800Ton
Clamping force: 55Ton~1800Ton



技术参数 Parameters

机型 MODEL		TFVLC-45	TFVLC-45S	TFVLC-45SD	TFVLC-45R2	TFVLC-55	TFVLC-55S	TFVLC-55SD	TFVLC-55R2	TFVLC-85	TFVLC-85S	TFVLC-85SD	TFVLC-85R2	TFVLC-120	TFVLC-120S	TFVLC-120SD	TFVLC-120R2
注射装置 INJECTION UNIT																	
		V2				I3				I5				I5			
螺杆行程 Screw Stroke	mm	119				140				140				140			
螺杆直径 Screw Diameter	mm	18	22	26	28	26	28	32	36	26	28	32	36	26	28	32	36
理论注射量 Theoretical Injection Volume	cm³	30	45	63	73	74	86	113	143	74	86	113	143	74	86	113	143
注塑质量 Injection Weight(PS)	g	28	42	59	68	69	80	105	133	69	80	105	133	69	80	105	133
	oz	0.99	1.48	2.07	2.40	2.44	2.83	3.69	4.67	2.44	2.83	3.69	4.67	2.44	2.83	3.69	4.67
最大注塑压力 Max.Injection Pressure	Mpa	343	230	164	142	178	153	117	93	247	213	163	129	247	213	163	129
	kgf/cm²	3500	2343	1678	1446	1812	1563	1196	945	2516	2170	1661	1313	2516	2170	1661	1313
射出速率 Injection Rate	cm³/s	32	48	67	78	62	72	94	119	77	89	117	148	93	108	141	178
射出速度 Injection Speed	mm/s	126				117				145				175			
螺杆转速 Screw Speed Rotation	r.p.m	10~280				10~280				10~240				10~240			
合模装置 CLAMPING UNIT																	
合模力 Clamping Force	kN(tf)	441(45)				539(55)				833(85)				1176(120)			
合模行程 Clamping Stroke	mm	200				200				250				300			
最小模厚 Min.Mold Thickness	mm	175				175				180				200			
最大开距 Max.Opening	mm	375				375				430				500			
最大模具尺寸 (L*W) Max.Mould Size	mm	400*240	330*360	340*340	250*250	480*330	400*375	380*380	300*300	580*390	500*470	500*480	310*310	680*410	580*540	600*540	360*360
模板尺寸(L*W) Platen Size	mm	420*240	350*380	730*360	Φ680	500*335	420*395	915*400	Φ810	600*395	540*490	1120*500	Φ910	700*420	600*560	1290*560	Φ1010
成品顶出距离 Ejector Distance	mm	50	100			50	100			100	100			100	100		
顶出力 Ejector Force	kN(tf)	31.3(3.2)				45(4.6)				45(4.6)				45(4.6)			
其它 OTHERS																	
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)				13.7(140)				13.7(140)				13.7(140)			
油箱容量 Oil Tank Capacity	L	140				160				280				350			
电机功率 Electric Power	KW	5.5		7.5		7.5		11		15		15+2.2		18.7		18.7+2.2	
电热功率 Heater Power	KW	5.5				8.4				11.3				11.3			
冷却水排量 Cooling Water Capacity	L/min	25				30				45				50			
机械尺寸 L*W Machine Dimensions	m	2.4*0.9	2.6*0.9	2.5*1.4	2.8*1.1	2.6*1.0	2.8*1.0	2.6*1.6	3.0*1.1	3.5*1.1	3.7*1.1	3.5*1.8	3.7*1.3	3.5*1.3	3.7*1.5	3.5*2.2	3.6*1.5
H (不含避震脚) Exclude Shock-absorbing Feet	m	2.5	2.6	2.6	2.7	2.5	2.6	2.6	2.7	2.9	3.1	3.1	3.1	3.4	3.5	3.5	3.6
机械重量 Machine Weight	ton	2.8	2.9	3.1	3.5	3	3.1	3.3	3.6	4.5	4.7	5.2	5.8	6.9	7.1	7.4	8.6

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TFH4

立锁侧射机系列

Vertical Clamping Horizontal Injection Machine Series

功能特点 Features

- ◆ 立式锁模、卧式射出、工作台面、整体高度下降20~50%
- ◆ 可根据需求搭配单滑板（S）/双滑板式（SD）/圆盘式（R）
- ◆ 超宽柱间距、容模尺寸大、模具拆卸便捷
- ◆ 适用于大型镶嵌件制品的注射成型
- ◆ Vertical clamping mold, horizontal injection, workbench, overall height reduction of 20-50%
- ◆ Can be paired with single slide (S)/double slide (SD)/rotary table (R) according to needs
- ◆ Ultra wide column spacing, large mold size, and convenient mold disassembly
- ◆ Suitable for injection molding of large inlay products

技术参数 Parameters

机型 MODEL		TFH4 -85	TFH4 -85S	TFH4 -85SD	TFH4 -85R2	TFH4 -120	TFH4 -120S	TFH4 -120SD	TFH4 -120R2		TFH4 -160	TFH4 -160S	TFH4 -160SD	TFH4 -160R2	TFH4 -200	TFH4 -200S	TFH4 -200SD	TFH4 -200R2	TFH4 -300	TFH4 -300S	TFH4 -300SD	TFH4 -300R2	TFH4 -400	TFH4 -400S	TFH4 -400SD	TFH4 -400R2	
注射装置 INJECTION UNIT																											
射台配置代码 Shooter Configuration Code	name	C5				C8					C12				C16					C20				C30			
螺杆行程 Screw Stroke	mm	150				200					260				310					385				450			
螺杆直径 Screw Diameter	mm	30	32	36	40	36	40	45	50		45	50	55	60	55	60	65	70	75	80	85	90	95	100	105	110	
理论注射量theoretical Injection Volume	cm³	106	121	153	188	204	251	318	393		414	511	618	735	737	877	1029	1193	1701	1935	2185	2449	3190	3534	3897	4276	
注塑质量 Injection Weight(PS)	g	99	112	142	175	189	234	296	365		385	475	574	684	685	815	957	1110	1582	1800	2032	2278	2966	3287	3624	3977	
	oz	3.48	3.96	5.01	6.18	6.68	8.24	10.43	12.88		13.56	16.75	20.26	24.12	24.16	28.75	33.74	39.14	55.80	63.48	71.67	80.35	104.64	115.94	127.82	140.29	
最大注塑压力 Max.Injection Pressure	Mpa	260	228	180	146	294	238	188	152		256	207	171	144	296	248	212	183	241	212	187	167	150	135	123	112	
	kgf/cm²	2652	2331	1842	1492	2998	2428	1919	1554		2613	2117	1749	1470	3017	2535	2160	1863	2457	2160	1913	1706	1531	1382	1254	1142	
射出速率 Injection Rate	cm³/s	88	100	126	156	124	153	194	240		178	220	266	317	242	288	338	393	420	478	539	604	595	660	727	798	
射出速度 Injection Speed	mm/s	124				122					112				102				95				84				
射嘴中心高度 Nozzle Center Height	mm	150±30				170±30					180±30				180±30				220±30				220±30				
射嘴至模具中心距离 Distance From Nozzle to Mold Distance	mm	70				70					100				110				150				180				
螺杆转速 Screw Speed Rotation	r.p.m	10~300				10~280					10~280				10~260				10~220				10~220				
合模装置 CLAMPING UNIT																											
合模力 Clamping Force	kN(tf)	833(85)				1176(120)					1568(160)				1960(200)				2940(300)				3920(400)				
合模行程 Clamping Stroke	mm	300				350					400				400				450				500				
最小模厚 Min.Mold Thickness	mm	200 (300)				250 (350)					300 (400)				350 (450)				400 (500)				500 (600)				
最大开距 Max.Opening	mm	500 (600)				600 (700)					700 (800)				750 (850)				850 (950)				1000 (1100)				
柱间距 (L*W) Distance Between Tie Bars	mm	500*335			4柱 Columns	760*380			4柱 Columns	860*420			4柱 Columns	910*450			4柱 Columns	1060*600			4柱 Columns	1160*640			4柱 Columns		
最大模具尺寸 (L*W) Max.Mould Size	mm	570*450	500*400	470*400	310*310	600*500	600*500	500*500	360*360	650*650	650*550	550*550	420*420	800*790	750*620	700*600	520*520	880*760	840*660	800*640	570*570	920*800	870*720	850*700	670*670		
模板尺寸(L*W) Platen Size	mm	680*570	620*490	1135*490	Φ910	995*615	670*560	1290*560	Φ1010	1170*720	730*650	1400*650	Φ1200	1270*810	860*750	1550*730	Φ1400	1380*900	910*790	1720*820	Φ1600	1480*980	960*860	1860*980	Φ1800		
成品顶出距离 Ejector Distance	mm	50	100			100					110				150				150				150				
顶出力 Ejector Force	kN(tf)	26.5(2.7)			45(4.6)	45(4.6)					45(4.6)				45(4.6)				68.6(7)				68.6(7)				
其它 OTHERS																											
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)				13.7(140)					13.7(140)				17.2(175)				17.2(175)				17.2(175)				
油箱容量 Oil Tank Capacity	L	270				340					420				550				780				980				
电机功率 Electric Power	KW	11	11+2.2			22	22+2.2			30	30+2.2			37	37+4			41	41+4			56	56+4				
电热功率 Heater Power	KW	7.2				8.4					11.3				13.8				24				32				
冷却水排量 Cooling Water Capacity	L/min	45				45					50				60				60				70				
机械尺寸 L*W Machine Dimensions	m	3.1*1.3	3.1*1.5	3.1*1.9	3.3*1.7	3.4*1.4	3.7*1.4	3.4*2.0	3.7*1.9	3.8*1.5	4.2*1.5	3.8*2.1	4.2*2.0	4.2*1.6	4.6*1.6	4.2*2.5	4.6*2.4	4.6*1.8	5.0*1.8	5.5*2.2	5.6*2.3	5.1*2.1	5.8*2.1	5.6*2.7	5.8*2.6		
H (不含避震脚) Exclude Shock-absorbing Feet	m	2	2.1	2.2	2	2.8	2.9	2.9	2.9	3.1	3.3	3.3	3.3	3.3	3.4	3.4	3.6	4	4.1	4.2	4.2	4.5	4.7	4.7	4.6		
机械重量 Machine Weight	ton	3.8	4.2	4.5	5	5.2	6	6.5	8.2	7.6	9.4	10.5	10.8	11.3	12.5	13.4	14.5	18	18.5	19.5	20	21	23	24.5	22.8		

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锁模力：55Ton~1800Ton
Clamping force: 55Ton~1800Ton



SP

高速机系列
High Speed Machine Series

功能特点 Features

- ◆ 采用储能器，最大射速可达600mm/sec
- ◆ 适合肉厚0.1mm以上超薄成型品的最佳最稳定的选择
- ◆ 采用进口油压零件及电控，反应快，精度高，稳定耐用
- ◆ 可选配博世力士乐伺服阀，射出全闭环控制，射出精度高，是高精度产品的最佳选择
- ◆ Using an energy storage device, the maximum firing rate can reach 600mm/sec
- ◆ The best and most stable choice for ultra-thin molded products with a meat thickness of over 0.1mm
- ◆ Adopting imported hydraulic components and electronic control, it has fast response, high accuracy, stability, and durability
- ◆ Optional Bosch Rexroth servo valve, fully closed-loop control for injection, high injection accuracy, making it the best choice for high-precision products

技术参数 Parameters

机型 MODEL		单缸射出 Single Cylinder Injection									双缸射出 Twin Cylinder Injection												
注射装置 INJECTION UNIT																							
		a			b			c			A			B			C			D			
螺杆行程 Screw Stroke	mm	80			100			100			120			140			140			140			
螺杆直径 Screw Diameter	mm	16	18	20	20	22	24	22	24	26	18	20	22	22	24	26	26	28	30	32	36	40	
理论注射量 Theoretical Injection Volume	cm³	16	20	25	31	38	45	38	45	53	31	38	46	53	63	74	74	86	99	113	143	176	
注塑质量 Injection Weight(PS)	g	15	19	23	29	35	42	35	42	49	28	35	42	49	59	69	69	80	92	105	133	164	
	oz	0.53	0.67	0.82	1.03	1.25	1.48	1.25	1.48	1.74	1.00	1.24	1.50	1.75	2.08	2.44	2.44	2.83	3.25	3.69	4.67	5.77	
最大注塑压力 Max.Injection Pressure	Mpa	263	207	168	220	181	152	230	193	164	279	226	187	248	208	178	247	213	185	228	180	146	
	kgf/cm²	2680	2117	1715	2240	1851	1556	2343	1969	1678	2852	2310	1909	2531	2127	1812	2516	2170	1890	2331	1842	1492	
射出速率 Injection Rate (标准 Standard)	cm³/s	40	51	63	63	76	90	76	90	106	51	63	76	76	90	106	96	111	127	121	153	188	
射出速度 Injection Speed (标准 Standard)	mm/s	200			200			200			200			200			180			150			
射出速率 Injection Rate (高速 High speed)	cm³/s	90	115	141	126	152	181	133	158	186	89	110	133	152	181	212	186	216	247	241	305	377	
射出速度 Injection Speed (高速 High speed)	mm/s	450			400			350			350			400			350			300			
螺杆转速 Screw Speed Rotation	r.p.m	10~350			10~350			10~350			10~300			10~300			10~300			10~280			
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45			≥45			
电热功率 Heater Power	KW	3.6			3.6			4.3			5.5			6.4			7.2			10.7			
机型 MODEL		TFV4-55-SP				TFV3-55R2-SP					TFV4-85-SP						TFV3-85R2-SP						
合模装置 CLAMPING UNIT																							
合模力 Clamping Force	kN(tf)	539(55)				539(55)					833(85)/980(100)						833(85)/980(100)						
合模行程 Clamping Stroke	mm	250				200					250						250						
最小模厚 Min.Mold Thickness	mm	180(240)				180(240)					230(310)						230(310)						
最大开距 Max.Opening	mm	430(490)				380(440)					480(560)						480(560)						
柱间距 (L*W) Distance Between Tie Bars	mm	445*255				/					520*350						/						
最大模具尺寸 (L*W) Max.Mould Size	mm	425*380				310*310/425*260					500*500						360*360/450*320						
模板尺寸(L*W) Platen Size	mm	580*400				/					710*540						/						
转盘尺寸 (D) Rotary Table Size	mm	/				φ910					/						φ1010						
顶杆数量 QTY of Ejector	pcs	1				3					1						3						
顶杆间距 Top bar spacing	mm	/				80					/						80						
成品顶出距离 Ejector Distance	mm	40				100					50						100						
顶出力 Ejector Force	kN(tf)	17.2(1.75)				26.5(2.7)					26.5(2.7)						45(4.6)						
其它 OTHERS																							
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)				13.7(140)					13.7(140)/17.2(175)						13.7(140)/17.2(175)						
油箱容量 Oil Tank Capacity	L	140				230					280						300						
电机功率 Electric Power	KW	11				15					15/18.7						15+2.2/18+2.2						
机械尺寸 L*W Machine Dimensions	m	1.9*1.3				2.0*1.6					2.0*1.5						2.3*1.8						
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.25(Max:2.8)				Min:2.4(Max:3.0)					Min:2.6(Max:3.3)						Min:2.7(Max:3.4)						
冷却水排量 Cooling water capacity	L/min	35				35					40						40						
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	1220+(60)				1020+(60)					1240+(70)						1150+(70)						
机械重量 Machine Weight	ton	1.6				2.9					3.5						4.6						

锁模力：35Ton~250Ton
Clamping force: 35Ton~250Ton

★★★★★

已售500+
Sold over 500 sets
泰科、莫仕同款产品
Machine for TE Connectivity and Molex

液压单元选配参考 Reference for Hydraulic Unit Selection

项目 Project	应答性 Responsiveness (ms)	重复性 Repeatability(%)	噪音 Noise (Hb)
PQ开环系统 PQ open-loop system	80	3	75~85
精密半闭环系统 Precision semi-closed loop system	30~75	0.8	45~85
高精密射出全闭环系统 Full Closed-loop System for High Precision Injection	25~35	0.5	75~85
SP-ACC高速高精密射出全闭环系统 SP-ACC High Speed and High Precision Full Closed-loop Injection System	25~35	0.5	75~85
省电高精度全闭环系统 Electricity- saving high precision full closed loop system	30~40	0.5	60~70



TF-(S/SD/R)-LSR

液态硅胶机系列 Liquid Silicone Machine Series

功能特点 Features

- ◆ 新一代LSR专用料管组、LSR专用气动水冷式封闭喷嘴，更适合LSR的成型
- ◆ 双边独立成型参数设置、有效提升生产效率、
- ◆ 数字化调节多段式PID精密模具电热温控
- ◆ 可选配可调式抽真空装置，防止产品气泡。
- ◆ 配备德国“2KM”（20/200L）或台富自制液态硅胶送料主机
- ◆ 标准、单滑（S）、双滑(SD)或圆盘(R)多机种可选，提高生产效率30%-50%
- ◆ 适用于有镶嵌件产品的液态硅胶注射成型和多用途液态硅胶注射成型工序
- ◆ The new generation of LSR dedicated material pipe group and LSR dedicated pneumatic water-cooled closed nozzle are more suitable for LSR molding
- ◆ Bilateral independent molding parameter settings, effectively improving production efficiency
- ◆ Digital adjustment of multi-stage PID precision mold electric heating temperature control
- ◆ Optional adjustable vacuum device to prevent product bubbles.
- ◆ Equipped with German "2KM" (20/200L) or Taifu's self-made liquid silicone feeding host
- ◆ Multiple models including standard, single slide (S), double slide (SD), or rotary table (R) are available, increasing production efficiency by 30% -50%
- ◆ Suitable for liquid silicone injection molding and multi-purpose liquid silicone injection molding processes for products with embedded components

技术参数 Parameters

机型 MODEL		TFV4-55-LSR		TFV4-55S-LSR		TFV4-55SD-LSR		TFV3-55R2-LSR		TFV4-85S-LSR		TFV4-85SD-LSSR		TFV3-85R2-LSR		TFV4-120S-LSR		TFV4-120SD-LSSR		TFV3-120R2-LSR		TFV4-160S-LSR		TFV4-160SD-LSSR		TFV3-160R2-LSR		TFV4-200S-LSR		TFV4-200SD-LSSR		TFV3-200R2-LSR	
注射装置 INJECTION UNIT																																	
		Z1		Z2		Z3				Z12		Z16		Z20																			
螺杆行程 Screw Stroke	mm	100		120		140				160		200		250																			
螺杆直径 Screw Diameter	mm	12	14	16	18	20	22	26	28	26	28	30	32	36	40	40	42	45	50	55	60	50	55	60	65	70	75	70	75	80	85	90	95
理论注射量 Theoretical Injection Volume	cm³	11	15	20	31	38	46	64	74	74	86	99	113	143	176	201	222	254	314	380	452	393	475	565	664	770	884	962	1104	1257	1419	1590	1772
注塑质量 Injection Weight(LSR) 比重1.1	g	12	17	22	34	41	50	70	81	82	95	109	124	157	194	221	244	280	346	418	498	432	523	622	730	847	972	1058	1215	1382	1560	1749	1949
	oz	0.44	0.60	0.78	1.18	1.46	1.77	2.47	2.87	2.88	3.34	3.84	4.37	5.53	6.83	7.80	8.60	9.87	12.19	14.75	17.55	15.24	18.44	21.94	25.75	29.86	34.28	37.33	42.85	48.76	55.04	61.71	68.76
最大注塑压力 Max.Injection Pressure	Mpa	172	126	96	279	226	187	134	116	178	153	133	117	93	75	180	163	142	115	95	80	177	146	123	105	90	79	146	127	111	99	88	79
	kgf/cm²	1750	1286	984	2852	2310	1909	1367	1179	1812	1563	1361	1196	945	766	1838	1667	1452	1176	972	817	1803	1490	1252	1067	920	801	1486	1294	1138	1008	899	807
射出速率 Injection Rate	cm³/s	18	25	32	41	51	61	85	99	103	119	137	156	197	244	158	175	200	247	299	356	206	249	297	348	404	464	316	362	412	465	522	581
最大射出速度 Max Injection Speed	mm/s	200		161		194				126		105		82																			
螺杆转速 Screw Speed Rotation	r.p.m	10~300		10~280		10~280				10~280		10~260		10~220																			
定位环直径 Positioning Ring Diameter	mm	110		100		120				120		120		150																			
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45		≥45		≥45				≥45		≥45		≥45																			
合模装置 CLAMPING UNIT																																	
合模力 Clamping Force	kN(tf)	539(55)		833(85)		1176(120)		1568(160)		1960(200)																							
合模行程 Clamping Stroke	mm	200		250		280		300		350																							
最小模厚 Min.Mold Thickness	mm	180(240)		230(310)		280(380)		300(400)		350(450)																							
最大开距 Max.Opening	mm	380(440)		480(560)		560(660)		600(700)		700(800)																							
柱间距 (L*W) Distance Between Tie Bars	mm	445*255		445*255		-		520*350		660*350		-		610*380		760*380		-		690*410		760*380		-		900*450		900*450		-			
最大模具尺寸 (L*W)Max.Mould Size	mm	425*380		400*375		380*380		310*310		500*470		500*475		360*360		580*540		600*540		420*420		710*630		600*540		520*520		760*630		710*710		570*570	
模板尺寸(L*W) Platen Size	mm	580*400		915*400		915*400		Φ910		540*490		1120*500		Φ1010		600*560		1290*560		Φ1200		730*650		1290*560		Φ1400		780*650		1590*730		Φ1630	
顶杆数量 QTY Of Ejector	pcs	1		3		3		3		3		3		5		5(呈十字分布)Cross Distribution		5		5(呈十字分布)Cross Distribution		5		5(呈十字分布)Cross Distribution		5		5(呈十字分布)Cross Distribution		5		5(呈十字分布)Cross Distribution	
顶杆间距 Distance Between Ejectors	mm	无		80		80		80		80		80		100		100		100		100		100		100		100		100		100		100	
成品顶出距离 Ejector Distance	mm	40		100		100		100		100		100		100		100		100		100		100		100		100		100		100		100	
顶出力 Ejector Force	kN(tf)	17.2(1.75)		26.5(2.7)		26.5(2.7)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)		45(4.6)	
其它 OTHERS																																	
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)		13.7(140)	
油箱容量 Oil Tank Capacity	L	140		180		230		280		280		310		340		340		410		450		450		480		540		540		600		600	
电机功率 Electric Power	KW	7.5		7.5		7.5+2.2		7.5+2.2		11		11+2.2		11+2.2		18		18+2.2		18+2.2		22		22+2.2		22+2.2		22		22+2.2		22+2.2	
电热功率 Heater Power	KW	6*4		6*4		6*6		6*6		6*4		6*6		6*6		6*4		6*6		6*6		6*4		6*6		6*6		6*4		6*6		6*6	
机械尺寸 L*W Machine Dimensions	m	1.9*1.3		2.05*1.3		1.8*1.3		2.0*1.6		2.2*1.5		2.1*1.9		2.3*1.8		2.4*1.8		2.4*2.25		2.5*2.0		2.8*1.8		2.5*2.4		2.8*2.2		3.3*2.1		2.8*2.7		3.5*2.2	
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.2(Max:2.8)		Min:2.32(Max:2.9)		Min:2.32(Max:2.9)		Min:2.4(Max:3.0)		Min:2.8(Max:3.5)		Min:2.8(Max:3.5)		Min:2.7(Max:3.4)		Min:3.3(Max:4.1)		Min:3.3(Max:4.1)		Min:3.3(Max:4.15)		Min:3.4(Max:4.2)		Min:3.7(Max:4.6)		Min:3.7(Max:4.5)		Min:4.35(Max:5.35)		Min:4.4(Max:5.4)		Min:4.2(Max:5.2)	
冷却水排量 Cooling water capacity	L/min	35		35		40		40		40		40		40		40		40		40		40		40		40		40		40		40	
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	1020+(60)		1088+(60)		1020+(60)		1020+(60)		1140+(70)		1140+(70)		1150+(70)		1340+(70)		1340+(70)		1310+(70)		1480+(80)		1480+(80)		1495+(80)		1630+(80)		1630+(80)		1600+(80)	
机械重量 Machine Weight	ton	1.6		2.0		2.2		2.9		3.90		4.30		4.60		6.00		7.00		7.00		8.50		10.80		10.00		11.50		14.00		15.20	

LSR液态硅胶机系列

LSR Liquid Silicone Machine Series

功能特点 Features

- ◆ 液态硅胶，块状、团状硅胶橡胶解决方案；
- ◆ 加装稳定的油压推送装置，2RT/3RT/4RT；
- ◆ 配备精准的螺杆计量和可靠的柱塞射出。
- ◆ Liquid silicone, block, group silicone rubber solutions;
- ◆ Install a stable oil pressure push device, 2RT/3RT/4RT;
- ◆ With accurate screw metering and reliable plunger ejection.



低工作台双滑板硅胶机

Low Workbench Double Slide Silicone Machine



双色/双物料液态硅胶+塑料

Double Color / Double Material Liquid Silicone + Plastic



圆盘硅胶机

LSR Liquid Silicone Injection Molding Machine With Rotary Table

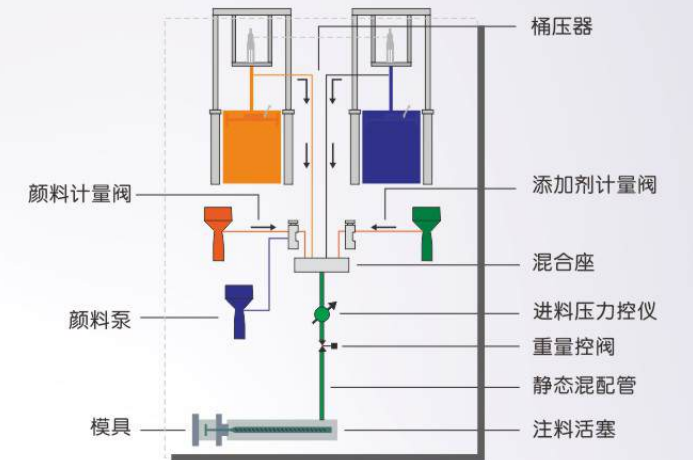
功能特点 Features

- ◆ 采用运水设计，确保与热模接触能够有效散热，避免胶料在喷嘴流道内硫化。
- ◆ 采用气动封胶系统，与注塑机射胶信号同步，能够有效快速地实现同步完成封胶动作。
- ◆ 采用高耐腐蚀性、防锈的特殊材料。
- ◆ 独特的精密密封设计，喷嘴孔及针接缝可实现无飞边，无死胶。
- ◆ The design of water transport ensures that the contact with the hot mold can effectively dissipate heat and avoid vulcanization of rubber material in the nozzle runner.
- ◆ Pneumatic sealing system is used to synchronize the signal of injection molding machine, which can effectively and quickly realize the synchronous sealing action.
- ◆ Special materials with high corrosion and rust resistance.
- ◆ Unique precision pin design, nozzle hole and pin seam can achieve no flash, no dead glue.

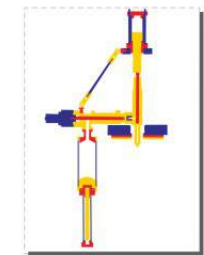
LSR-2KM

- ◆ 2KM专利偶接驱动
- ◆ 固定比例1:1
- ◆ 20L/200L压盘互换
- ◆ 第三剂颜色添加
- ◆ 2KM Patent Coupling Drive
- ◆ Fixed ratio 1:1
- ◆ 20L/200L pressure plate interchange
- ◆ Addition of the third color

计量混送料示意图



计量进料示意图



真空泵



混料器装置



气动专用封胶喷嘴



20+200L压料板



颜色供应泵

功能特点 Features

- ◆ 立式锁模、立式射出/立式锁模、卧式射出、工作台面、整体高度下降20~50%
- ◆ 可根据需求搭配单滑板 (S)/双滑板式 (SD)/圆盘式 (R)
- ◆ 使用伺服节能系统，省点40%-60%
- ◆ 可采用双锁模系统搭配移动式单射出系统，提高生产效率30%以上
- ◆ 射出系统采用同步左右移动式，在A模固化的同时移动到B模注射
- ◆ Vertical Clamping mold, vertical injection / Vertical Clamping mold, horizontal injection, workbench, overall height reduction of 20-50%
- ◆ Can be paired with single slide (S)/double slide (SD)/rotary table (R) according to needs
- ◆ Using a servo energy-saving system, saving 40% -60% of points
- ◆ Double locking system can be used in combination with mobile single injection system to improve production efficiency by more than 30%
- ◆ The injection system adopts a synchronous left and right movement, which moves to mold B for injection while solidifying in mold A

技术参数 Parameters

机型 MODEL	TFH4-85-BMC	TFH4-85S-BMC	TFH4-85SD-BMC	TFH4-85R2-BMC	TFH4-120-BMC	TFH4-120S-BMC	TFH4-120SD-BMC	TFH4-120R2-BMC	TFH4-160-BMC	TFH4-160S-BMC	TFH4-160SD-BMC	TFH4-160R2-BMC	TFH8-240S-2M-BMC				TFH8-320S-2M-BMC				TFH8-400S-2M-BMC				
注射装置 INJECTION UNIT																									
		C5				C8				C12				C12				C16				C30			
螺杆行程 Screw Stroke	mm	150				200				260				260				310				450			
螺杆直径 Screw Diameter	mm	30	32	36	40	36	40	45	50	50	55	60	65	55	60	65	70	70	75	80	85	95	100	105	110
理论注射量 Theoretical Injection Volume	cm³	106	121	153	188	204	251	318	393	511	618	735	863	618	735	863	1001	1193	1370	1558	1759	3190	3534	3897	4276
注塑质量 Injection Weight(BMC) 比重1.8	g	191	217	275	339	366	452	573	707	919	1112	1323	1553	1112	1323	1553	1801	2147	2465	2805	3166	5741	6362	7014	7698
	oz	6.73	7.66	9.69	11.97	12.93	15.96	20.20	24.93	32.41	39.22	46.68	54.78	39.22	46.68	54.78	63.53	75.75	86.95	98.94	111.69	202.52	224.40	247.40	271.52
最大注塑压力 Max.Injection Pressure	Mpa	260	228	180	146	294	238	188	152	207	171	144	123	171	144	123	106	183	159	140	124	150	135	123	112
	kgf/cm²	2652	2331	1842	1492	2998	2428	1919	1554	2117	1749	1470	1253	1749	1470	1253	1080	1863	1622	1426	1263	1531	1382	1254	1142
射出速率 Injection Rate	cm³/s	88	100	126	156	124	153	194	240	220	266	317	372	266	317	372	431	393	451	513	579	595	660	727	798
射出速度 Injection Speed	mm/s	124				122				112				112				102				84			
射嘴中心高度 Center Height Of Nozzle	mm	150±30				170±30				180±30				180±30				180±30				220±30			
螺杆转速 Screw Speed Rotation	r.p.m	10~300				10~280				10~280				10~280				10~280				10~220			
合模装置 CLAMPING UNIT																									
合模力 Clamping Force	kN(tf)	833(85)				1176(120)				1568(160)				1176*2(120*2)				1568*2(160*2)				1960*2(200*2)			
开模力 Opening Force	kN(tf)	102 (10.4)				162 (16.5)				202 (20.7)				162 (16.5)				202 (20.7)				202 (20.7)			
合模行程 Clamping Stroke	mm	300				350				400				350				400				500			
最小模厚 Min.Mold Thickness	mm	200 (300)				250 (350)				300 (400)				250 (350)				300 (400)				500 (600)			
最大开距 Max.Opening	mm	500 (600)				600 (700)				700 (800)				600 (700)				700 (800)				1000 (1100)			
柱间距 (L*W) Distance Between Tie Bars	mm	500*335			4柱 Columns	760*380			4柱 Columns	860*420			4柱 Columns	760*380			860*420			910*460					
最大模具尺寸 (L*W) Max.Mould Size	mm	570*450	500*400	470*400	310*310	600*500	600*500	500*500	360*360	650*650	650*550	550*550	420*420	600*500				650*550				750*620			
模板尺寸(L*W) Platen Size	mm	680*570	620*490	1135*490	Φ910	995*615	670*560	1290*560	Φ1010	1170*720	730*650	1400*650	Φ1200	670*560				730*650				860*750			
成品顶出距离 Ejector Distance	mm	50	100			100				110				100				110				150			
顶出力 Ejector Force	kN(tf)	26.5(2.7)			45(4.6)	45(4.6)				45(4.6)				45(4.6)				68.6(7)				68.6(7)			
其它 OTHERS																									
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)				13.7(140)				13.7(140)				13.7(140)				13.7(140)				13.7(140)			
油箱容量 Oil Tank Capacity	L	270				340				420				550				780				980			
电机功率 Electric Power	KW	11		11+2.2		22		22+2.2		30		30+2.2		22*2+2.2		30*2+2.2		37*2+4							
预留电热功率 Heater Power	KW	6KW*(4PCS)		6KW*(6PCS)		6KW*(4PCS)		6KW*(6PCS)		6KW*(4PCS)		6KW*(6PCS)		6KW*(8PCS)		6KW*(8PCS)		6KW*(8PCS)							
冷却水排量 Cooling Water Capacity	L/min	45				45				50				45				50				70			
机械尺寸 L*W Machine Dimensions	m	3.1*1.3	3.1*1.5	3.1*1.9	3.3*1.7	3.4*1.4	3.7*1.4	3.4*2.0	3.7*1.9	3.8*1.5	4.2*1.5	3.8*2.1	4.2*2.0	4.3*3				4.5*3.3				5.6*2.7			
H (不含避震脚) Exclude Shock-absorbing Feet	m	2	2.1	2.2	2	2.8	2.9	2.9	2.9	3.1	3.3	3.3	3.3	2.9				3.3				4.7			
机械重量 Machine Weight	ton	3.8	4.2	4.5	5	5.2	6	6.5	8.2	7.6	9.4	10.5	10.8	11.5				19				24.5			

锁模力：55Ton~1800Ton
Clamping force: 55Ton~1800Ton



DAP/CIM/MIM

电木/陶瓷/金属粉末系列

Bakelite / Ceramics / Metallic Powder Series

功能特点 Features

- ◆ 立式锁模，立式注射
- ◆ 直压式锁模，应力分布均匀
- ◆ 料管组依据CIM/MIM/DAP特性特殊设计长径比、压缩比，确保注射的稳定性
- ◆ 螺杆材质采用SKD合金钢+碳化钨合金涂层，料筒内壁采用镍基合金+碳化钨合金涂层，双层保护防止磨损
- ◆ 电木系列机型预留有模具加热接口
- ◆ 适用于CIM/MIM/DAP陶瓷/金属粉末/电木产品的注射成型
- ◆ 120吨（含）以上机型可选抱闸式低工作台机型

- ◆ Vertical clamping mold, vertical injection
- ◆ Direct compression locking mold, with uniform stress distribution
- ◆ The material management group specially designs the aspect ratio and compression ratio based on the characteristics of CIM/MIM/DAP to ensure the stability of injection
- ◆ The screw material is made of SKD alloy steel+tungsten carbide alloy coating, and the inner wall of the barrel is made of nickel based alloy+tungsten carbide alloy coating, with double-layer protection to prevent wear and tear
- ◆ The bakelite series models are reserved with mold heating interfaces
- ◆ Suitable for injection molding of CIM/MIM/DAP ceramics/metal powders/bakelite products
- ◆ Models weighing 120 tons or more can be equipped with brake type low workbench models

技术参数 Parameters

机型 MODEL		TFV4-35- ()				TFV4-55- ()				TFV4-85- ()				TFV4-120- ()				TFV4-160- ()				TFV4-200- ()				TFV4-250- ()				TFV4-300- ()				TFV4-350- ()				TFV4-400- ()			
注射装置 INJECTION UNIT																																									
		Z3				Z5				Z8				Z12				Z16				Z20				Z20				Z20				Z30				Z30			
螺杆行程 Screw Stroke	mm	140				140				140				160				200				250				250				250				360				360			
螺杆直径 Screw Diameter	mm	22	28	32	26	30	36	32	36	40	36	40	45	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	80	85	90										
理论注射量 Theoretical Injection Volume	cm³	53	86	113	74	99	143	113	143	176	163	201	254	318	393	475	594	707	830	707	830	962	830	962	1104	1385	1590	1810	1810	2043	2290										
注塑质量	g	160	259	338	223	297	428	338	428	528	489	603	763	954	1178	1425	1782	2121	2489	2121	2489	2886	2489	2886	3313	4156	4771	5429	5429	6128	6871										
Injection Weight(CIM/MIM) 比重1: 3	oz	5.63	9.12	11.91	7.87	10.47	15.08	11.91	15.08	18.62	17.23	21.28	26.93	33.66	41.56	50.28	62.85	74.80	87.79	74.80	87.79	101.81	87.79	101.81	116.87	146.61	168.30	191.49	191.49	216.17	242.35										
最大注塑压力 Max.Injection Pressure	Mpa	248	153	117	247	185	129	228	180	146	222	180	142	218	177	146	236	198	169	198	169	146	212	183	159	239	209	183	183	162	145										
	kgf/cm²	2531	1563	1196	2516	1890	1313	2331	1842	1492	2269	1838	1452	2226	1803	1490	2407	2022	1723	2022	1723	1486	2160	1863	1622	2443	2128	1870	1870	1657	1478										
射出速率 Injection Rate	cm³/s	44	72	94	56	74	107	100	126	156	128	158	200	167	206	249	195	232	272	288	338	393	372	431	495	385	442	503	503	567	636										
最大射出速度 Max Injection Speed	mm/s	117				105				124				126				105				82				102				112				100							
螺杆转速 Screw Speed Rotation	r.p.m	10~300				10~300				10~280				10~280				10~280				10~240				10~240				10~180				10~180							
定位环直径 Positioning Ring Diameter	mm	100				110				120				120				120				150				150				180				180							
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45				≥45				≥45				≥80				≥80							
合模装置 CLAMPING UNIT																																									
合模力 Clamping Force	kN(tf)	343(35)/441(45)				539(55)				833(85)/980(100)				1176(120)				1568(160)				1960(200)				2450(250)				2940(300)				3430(350)				3920(400)			
合模行程 Clamping Stroke	mm	200				200				250				280				300				350				350				400				400				450			
最小模厚 Min.Mold Thickness	mm	150(210)				180(240)				230(310)				280(380)				300(400)				350(450)				350(450)				400(500)				500(600)				600(700)			
最大开距 Max.Opening	mm	350(410)				380(440)				480(560)				560(660)				600(700)				700(800)				700(800)				800(900)				900(1000)				1050(1150)			
柱间距 (L*W) Distance Between Tie Bars	mm	410*220				445*255				520*350				610*380				690*410				900*450				950*550				1060*600				1250*650				1350*700			
最大模具尺寸 (L*W) Max.Mould Size	mm	400*350				425*380				500*500				590*590				670*650				890*770				930*850				1040*950				1180*1100				1300*1200			
模板尺寸(L*W) Platen Size	mm	560*370				580*400				710*540				860*620				1010*730				1250*790				1300*900				1460*1000				1660*1150				1880*1360			
顶杆数量 QTY Of Ejector	pcs	1				1				1				1				1				1				1				1				1				1			
成品顶出距离 Ejector Distance	mm	40				40				50				95				95				110				110				120				120				120			
顶出力 Ejector Force	kN(tf)	17.2(1.75)				17.2(1.75)				26.5(2.7)				45(4.6)				45(4.6)				45(4.6)				68.9(7.0)				68.9(7.0)				68.9(7.0)				68.9(7.0)			
其它 OTHERS																																									
系统压力 System Pressure	Mpa(kgf/cm²)	13.7(140)/17.2(175)				13.7(140)				13.7(140)/17.2(175)				13.7(140)				13.7(140)				13.7(140)				13.7(140)				17.2(175)				17.2(175)				17.2(175)			
油箱容量 Oil Tank Capacity	L	130				140				280				340				450				540				700				700				900				900			
电机功率 Electric Power	KW	5.5/7.5				7.5				15/18.7				18.7				22				31				37				45				56				56			
电热功率 Heater Power	KW	3.6				5.5				7.0				10.7				13.7				13.7				24.3				24.3				34.5				34.5			
机械尺寸 L*W Machine Dimensions	m	1.6*1.2				1.9*1.3				2.0*1.5				2.1*1.7				2.4*1.8				2.6*2.1				3.2*2.1				3.4*2.4				3.4*2.3				3.6*2.5			
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.15(Max:2.7)				Min:2.25(Max:2.8)				Min:2.6(Max:3.3)				Min:3.2(Max:3.9)				Min:3.3(Max:4.1)				Min:4.3(Max:5.2)				Min:4.4(Max:5.5)				Min:4.7(Max:5.8)				Min:4.7(Max:5.8)				Min:5.0(Max:6.2)			
冷却水排量 Cooling Water Capacity	L/min	25				35				40				50				50				60				60				70				70				70			
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	940+(60)				1020+(60)				1040+(70)				1240+(70)				1380+(80)				1530+(80)				1530+(80)				1650+(80)				1650+(80)				1850+(80)			
机械重量 Machine Weight	ton	1.3				1.6				3.5				5.5				7.5				10.5				12.4				15.3				17.0				19.0			

TFYD-(S/SD/R)

油电混动系列 Oil Electric Hybrid Series

功能特点 Features

- ◆ 集油压式和电动式两种机型优点于一身，突出高速度、高效率、高精度、高节能、高应答特点
- ◆ 开模同步储料，大大缩短产品成型周期、相比常规机节能40%-70%
- ◆ 射胶响应时间≤20ms，射速达1000mm/s，制品重量误差≤0.3%
- ◆ 标准、单滑（S）、双滑(SD)、圆盘(R)、液态硅胶（LSR）多机种可选搭配
- ◆ 适用于超薄型和高精度注射成型工序

技术参数 Parameters

机型 MODEL		EV2			EV3			EV5			EV8			EV12			EV20			HEV2			HEV3			HEV5		
注射装置 INJECTION UNIT																												
螺杆行程 Screw Stroke	mm	80			120			140			140			160			250			60	80		120			140		
螺杆直径 Screw Diameter	mm	16	18	20	22	24	26	26	28	30	32	36	40	36	40	45	50	55	60	14	16	18	22	24	26	28	32	36
理论注射量 Theoretical Injection Volume	cm³	16	20	25	46	54	64	74	86	99	113	143	176	163	201	254	491	594	707	9	16	20	46	54	64	86	113	143
注塑质量 Injection Weight(PS)	g (oz)	15(0.53)	19(0.67)	23(0.82)	42(1.50)	50(1.78)	59(2.09)	69(2.44)	80(2.83)	92(3.25)	105(3.69)	133(4.67)	164(5.77)	151(5.34)	187(6.60)	237(8.35)	457(16.10)	552(19.48)	657(23.19)	9(0.30)	15(0.53)	19(0.67)	42(1.50)	50(1.78)	59(2.09)	80(2.83)	105(3.69)	133(4.67)
最大注塑压力 Max.Injection Pressure	Mpa	275	275	275	275	275	275	275	245	210	245	210	190	210	190	185	230	210	195	298	268	210	275	230	198	284	217	171
	kgf/cm²	2806	2806	2806	2806	2806	2806	2806	2500	2143	2500	2143	1939	2143	1939	1888	2347	2143	1990	3041	2735	2143	2806	2347	2020	2898	2214	1745
最大保压压力 Maximum Holding Pressure	Mpa	220	220	220	220	220	220	220	196	168	196	168	152	168	152	148	184	168	156	238	214	168	220	184	158	227	174	137
	kgf/cm²	2245	2245	2245	2245	2245	2245	2245	2000	1714	2000	1714	1551	1714	1551	1510	1878	1714	1592	2433	2188	1714	2245	1878	1616	2318	1771	1396
标准射出速率 Standard Ejection Rate	cm³/s	70	89	110	133	158	186	186	216	247	281	356	440	204	251	318	393	475	565	69	90	115	171	204	239	277	362	458
标准射出速度 Standard Ejection Velocity	mm/s	350			350			350			200			200			450			450			450			450		
高速射出速率 High Speed Ejection Rate	cm³/s	121	153	188	190	226	265	239	277	318	362	458	565	356	440	557	687	832	990	123	161	204	228	271	319	369	483	611
高速射出速度 High Speed Ejection Velocity	mm/s	600			500			450			450			350			350			800			600			600		
螺杆转速 Screw Speed Rotation	r.p.m	10~400			10~400			10~400			10~400			10~400			10~400			10~450			10~400			10~400		
电热功率 Electric Heating Power	KW	2.8			3.6			5.5			6.5			10.7			10.7			2.8			3.6			5.5		
定位环直径 Positioning Ring Diameter	mm	100			120			120			120			120			150			100			100			100		
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45			≥45			≥45			≥45		

机型 MODEL	TFYDV4 -35	TFYDV4 -35S	TFYDV3 -35R2	TFYDV4 -55	TFYDV4 -55S	TFYDV3 -55R2	TFYDV4 -85	TFYDV4 -85S	TFYDV3 -85R2	TFYDV4 -120	TFYDV4 -120S	TFYDV3 -120R2	TFYDV4 -160	TFYDV4 -160S	TFYDV3 -160R2	TFYDV4 -200S	TFYDV3 -200R2
合模装置 CLAMPING UNIT																	
可选射出标记 Optional Ejection Markers	EV2/EV3/HEV2/HEV3			EV2/EV3/EV5/HEV2/HEV3/HEV5			EV2/EV3/EV5/HEV2/HEV3/HEV5			EV3/EV5/HEV2/HEV3/HEV5			EV5/HEV2/HEV3/HEV5			EV8/HEV2/HEV5	
合模力 Clamping Force	343(35)/441(45)			539(55)			833(85)/980(100)			1176(120)			1568(160)			1960(200)	
合模行程 Clamping Stroke	200			200/（可选250）			250			280			300			350	
最小模厚 Min.Mold Thickness	150(210)			180(240)			230(310)			280(380)			300(400)			350(450)	
最大开距 Max.Opening	350(410)			380(440)/430(490)			480(560)			560(660)			600(700)			700(800)	
柱间距（L*W）Distance Between Tie Bars	410*220	410*220	-	445*255	445*255	-	520*350	520*350	-	610*380	610*380	-	690*410	690*410	-	900*450	-
最大模具尺寸（L*W）Max.Mould Size	400*350	330*360	300*300	425*380	400*375	310*310	500*500	500*470	360*360	590*590	580*540	420*420	670*650	710*630	520*520	760*630	570*570
模板尺寸(L*W) Platen Size	560*370	350*380	Φ810	580*400	420*395	Φ910	710*540	540*490	Φ1010	860*620	600*560	Φ1200	1010*730	730*650	Φ1400	780*650	Φ1600
顶杆数量 QTY Of Ejector	1	3	-	1	3	-	1	3	3	1	3	5(星十字分布) Cross Distribution	1	5(星十字分布) Cross Distribution	5(星十字分布) Cross Distribution	5(星十字分布) Cross Distribution	5(星十字分布) Cross Distribution
顶杆间距 Distance Between Ejectors	无	80	-	无	80	-	无	80	80	无	80	80	无	100	100	125	125
成品顶出距离 Ejector Distance	40	100	-	40	100	-	50	100	100	95	100	100	95	110	110	150	150
顶出力 Ejector Force	17.2(1.75)	26.5(2.7)	-	17.2(1.75)	26.5(2.7)	-	26.5(2.7)	26.5(2.7)	45(4.6)	45(4.6)	-	45(4.6)	45(4.6)	45(4.6)	-	45(4.6)	45(4.6)
其它 OTHERS																	
系统压力 System Pressure	13.7(140)/172(175)			13.7(140)			13.7(140)/172(175)			13.7(140)			13.7(140)			13.7(140)	
油箱容量 Oil Tank Capacity	130			160			200	200	200	250	250	250	320	320	320	400	400
液压电机 功率 Electric Power	7.5	7.5	7.5+2.2	11	11	11+2.2	13	13	13+2.2	15	15	15+2.2	18	18	18+2.2	22	22+2.2
机械尺寸 L*W Machine Dimensions	1.6*1.2	1.8*1.2	1.9*1.5	1.9*1.3	2.05*1.3	2.0*1.6	2.0*1.5	2.2*1.5	2.3*1.8	2.1*1.8	2.4*1.8	2.5*2.0	2.4*1.9	2.8*1.9	2.8*2.2	3.3*2.1	3.5*2.1
H（不含避震脚）Exclude Shock-absorbing Feet	Min:2.15(Max:2.7)	Min:2.2(Max:2.8)	Min:2.2(Max:2.8)	Min:2.2(Max:2.8)	Min:2.32(Max:2.9)	Min:2.4(Max:3.0)	Min:2.6(Max:3.3)	Min:2.8(Max:3.5)	Min:2.7(Max:3.4)	Min:3.2(Max:4.0)	Min:3.3(Max:4.1)	Min:3.3(Max:4.15)	Min:3.6(Max:4.5)	Min:3.7(Max:4.6)	Min:3.7(Max:4.5)	Min:4.35(Max:5.35)	Min:4.4(Max:5.4)
冷却水排量 Cooling Water Capacity	25			35			40			50			50			60	
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	940+(60)	990+(60)	980+(60)	1020+(60)	1088+(60)	1020+(60)	1040+(70)	1140+(70)	1150+(70)	1240+(70)	1340+(70)	1310+(70)	1380+(80)	1480+(80)	1495+(80)	1600+(80)	1600+(80)
机械重量 Machine Weight	1.3	1.5	2.3	1.8	2.0	2.9	3.5	4.00	4.60	5.50	6.00	7.00	8.00	8.50	10.00	12.50	15.80

* 规格若修改，恕不另行通知！ Specifications are subject to change without notice!

锁模力：35Ton~1800Ton
Clamping force: 35Ton~1800Ton



TFE-(S/SD/R)

全电动系列 All-electric Machine Series

功能特点 Features

- ◆ 模块化设计的全电动系列
- ◆ 全电动式，突出高速度、高效率、高精度、高节能、高应答特点
- ◆ 电动锁模、电动射出储料，实现锁模、射出、储料塑化的精准控制
- ◆ 射胶响应时间≤20ms，射速达1000mm/s，制品重量误差≤0.3%
- ◆ 标准、单滑(S)、双滑(SD)、圆盘(R)、液态硅胶(LSR)多机种可选搭配
- ◆ 适用于超薄型和高精度注射成型工序
- ◆ Modular designed all electric series
- ◆ Fully electric, highlighting the characteristics of high speed, high efficiency, high precision, high energy conservation, and high response
- ◆ Electric mold locking and electric injection for material storage, achieving precise control of mold locking, injection, and material plasticization
- ◆ Injection response time ≤ 20ms, injection rate reaches 1000mm/s, and product weight error ≤ 0.3%
- ◆ IMultiple models including standard, single slide (S), double slide (SD), rotary table (R), and liquid silicone (LSR) are available for pairing
- ◆ Suitable for ultra-thin and high-precision injection molding processes

技术参数 Parameters

机型 MODEL	EV2				EV3				EV5				EV8				EV12				EV20				HEV2				HEV3				HEV5								
注射装置 INJECTION UNIT																																									
螺杆行程 Screw Stroke	mm	80				120				140				140				160				250				60				80				120				140			
螺杆直径 Screw Diameter	mm	16	18	20	22	24	26	26	28	30	32	36	40	36	40	45	50	55	60	14	16	18	22	24	26	28	32	36	28	32	36										
理论注射量 Theoretical Injection Volume	cm³	16	20	25	46	54	64	74	86	99	113	143	176	163	201	254	491	594	707	9	16	20	46	54	64	86	113	143	163	201	254										
注塑质量 Injection Weight(PS)	g (oz)	15(0.53)	19(0.67)	23(0.82)	42(1.50)	50(1.78)	59(2.09)	69(2.44)	80(2.83)	92(3.25)	105(3.69)	133(4.67)	164(5.77)	151(5.34)	187(6.60)	237(8.35)	457(16.10)	552(19.48)	657(23.19)	9(0.30)	15(0.53)	19(0.67)	42(1.50)	50(1.78)	59(2.09)	80(2.83)	105(3.69)	133(4.67)	151(5.34)	187(6.60)	237(8.35)										
最大注塑压力 Max.Injection Pressure	Mpa	275	275	275	275	275	275	275	245	210	245	210	190	210	190	185	230	210	195	298	268	210	275	230	198	284	217	171	210	190	185	230									
	kgf/cm²	2806	2806	2806	2806	2806	2806	2806	2500	2143	2500	2143	1939	2143	1939	1888	2347	2143	1990	3041	2735	2143	2806	2347	2020	2898	2214	1745	2143	1939	1888	2347									
最大保压压力 Maximum Holding Pressure	Mpa	220	220	220	220	220	220	220	196	168	196	168	152	168	152	148	184	168	156	238	214	168	220	184	158	227	174	137	168	152	148	184									
	kgf/cm²	2245	2245	2245	2245	2245	2245	2245	2000	1714	2000	1714	1551	1714	1551	1510	1878	1714	1592	2433	2188	1714	2245	1878	1616	2318	1771	1396	1714	1551	1510	1878									
标准射出速率 Standard Ejection Rate	cm³/s	70	89	110	133	158	186	186	216	247	281	356	440	204	251	318	393	475	565	69	90	115	171	204	239	277	362	458	565	693	878	1093									
标准射出速度 Standard Ejection Velocity	mm/s	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350								
高速射出速率 High Speed Ejection Rate	cm³/s	121	153	188	190	226	265	239	277	318	362	458	565	356	440	557	687	832	990	123	161	204	228	271	319	369	483	611	565	693	878	1093	1368								
高速射出速度 High Speed Ejection Velocity	mm/s	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600								
螺杆转速 Screw Speed Rotation	r.p.m	10~400				10~400				10~400				10~400				10~400				10~400				10~450				10~400				10~400							
电热功率 Electric Heating Power	KW	2.8				3.6				5.5				6.5				10.7				10.7				2.8				3.6				5.5							
定位环直径 Positioning Ring Diameter	mm	100				120				120				120				120				150				100				100				100							
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥45				≥45				≥45				≥45				≥45				≥45				≥45				≥45				≥45							

机型 MODEL		TFEV4 -55	TFEV4 -55S	TFEV3 -55R2	TFEV4 -85	TFEV4 -85S	TFEV3 -85R2		TFEV4 -120	TFEV4 -120S	TFEV3 -120R2	TFEV4 -160	TFEV4 -160S	TFEV3 -160R2	TFEV4 -200S	TFEV3 -200R2
合模装置 CLAMPING UNIT																
可选射出标记 Optional Ejection Markers		EV2/ EV3/ EV5/ HEV2/ HEV3/ HEV5			EV2/ EV3/ EV5/ EV8/ HEV2/ HEV3/ HEV5			EV3/ EV5/ EV8/ EV12/ HEV3/ HEV5			EV5/ EV8/ EV12/ EV16/ HEV3/ HEV5			EV8/ EV12/ EV16/ HEV5		
合模力 Clamping Force	kN(tf)	539(55)			833(85)			1176(120)			1568(160)			1960(200)		
合模行程 Clamping Stroke	mm	250			300			320			320			350		
最小模厚 Min.Mold Thickness	mm	180 ~ 280			230 ~ 330			280 ~ 380			300 ~ 400			350 ~ 450		
最大开距 Max.Opening	mm	430 ~ 530			530 ~ 630			560 ~ 660			600 ~ 700			700 ~ 800		
柱间距 (L*W) Distance Between Tie Bars	mm	420*420	420*420	—	520*450	520*450	—	610*520	610*520	—	690*590	690*590	—	900*450	—	
最大模具尺寸 (L*W) Max.Mould Size	mm	400*400	380*500	360*360	500*500	500*480	420*420	590*500	580*540	520*520	670*650	710*630	570*570	760*630	570*570	
模板尺寸(L*W) Platen Size	mm	610*610	400*600	Φ1010	730*630	540*500	Φ1200	860*720	600*560	Φ1400	1010*730	730*650	Φ1600	780*650	Φ1600	
顶杆数量 QTY Of Ejector	pcs	1	3		1	3	3	1	3	5(呈十字分布)Cross Distribution	1	5(呈十字分布)Cross Distribution	5(呈十字分布)Cross Distribution	5(呈十字分布)Cross Distribution		
顶杆间距 Distance Between Ejectors	mm	无	80		无	80	80	无	80	100	无	100	100	125		
成品顶出距离 Ejector Distance	mm	60	100		50	100	100	95	100	100	95	110	110	150		
顶出力 Ejector Force	kN(tf)		20(1.96)			26.5(2.7)			45(4.6)			45(4.6)		45(4.6)		
其它 OTHERS																
机械尺寸 L*W Machine Dimensions	m	1.8*1.5	2.2*1.5	2.3*1.8	2.0*1.7	2.3*1.7	2.3*1.8	2.2*1.9	2.4*1.9	2.5*2.0	2.4*1.9	2.8*1.9	2.8*2.2	3.3*2.1	3.5*2.1	
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.8(Max:3.4)	Min:2.9(Max:3.5)	Min:2.9(Max:3.5)	Min:3.0(Max:3.6)	Min:3.1(Max:3.7)	Min:3.1(Max:3.7)	Min:3.7(Max:4.3)	Min:3.8(Max:4.5)	Min:3.8(Max:4.5)	Min:4.2(Max:5.0)	Min:4.4(Max:5.2)	Min:4.4(Max:5.2)	Min:4.6(Max:5.4)	Min:4.6(Max:5.4)	
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	1020+(60)	1088+(60)	1088+(60)	1040+(70)	1140+(70)	1150+(70)	1240+(70)	1340+(70)	1310+(70)	1380+(80)	1480+(80)	1495+(80)	1600+(80)	1600+(80)	
机械重量Machine Weight	ton	3.0	3.3	4.6	4.9	5.20	6.20	5.80	6.00	7.80	8.00	8.50	11.00	12.00	14.50	

* 规格若修改，恕不另行通知！ Specifications are subject to change without notice!

锁模力：35Ton~1800Ton
Clamping force: 35Ton~1800Ton



TFV2

小机型系列

Small Model Series



功能特点 Features

- ◆ 立式锁模，立式注射
- ◆ 适用于电器插头，电子零件类等小型注塑成型工序
- ◆ Vertical clamping mold, vertical injection
- ◆ Suitable for small injection molding processes such as electrical plugs and electronic components

技术参数 Parameters

机 型 MODEL		TFV2-15			TFV4-20			TFV4-25			TFV4-25S		
注射装置 INJECTION UNIT													
螺杆行程 Screw Stroke	mm	105			105			120			120		
螺杆直径 Screw Diameter	mm	22	26	28	22	26	28	26	28	30	26	28	30
理论注射量 Theoretical Injection Volume	cm ³	40	56	65	40	56	65	64	74	85	64	74	85
注塑质量 Injection Weight(PS)	g	37	52	60	37	52	60	59	69	79	59	69	79
	oz	1.31	1.83	2.12	1.31	1.83	2.12	2.09	2.42	2.78	2.09	2.42	2.78
最大注塑压力 Max.Injection Pressure	Mpa	181	130	112	181	130	112	164	142	123	164	142	123
	kgf/cm ²	1851	1325	1143	1851	1325	1143	1678	1446	1260	1678	1446	1260
射出速率 Injection Rate	cm ³ /s	28	39	45	28	39	45	41	48	55	41	48	55
最大射出速度 Max. Injection Speed	mm/s	73			73			78			78		
螺杆转速 Screw Speed Rotation	r.p.m	10~150			10~150			10~150			10~150		
定位环直径 Positioning Ring Diameter	mm	80			80			100			100		
射嘴突出模板尺寸 Nozzle Out From Platens	mm	≥25			≥25			≥25			≥25		
合模装置 CLAMPING UNIT													
合模力 Clamping Force	kN(tf)	147(15)			196(20)			294(30)			294(30)		
合模行程 Clamping Stroke	mm	200			200			200			200		
最小模厚 Min.Mold Thickness	mm	40			40(80)			70(130)			70(130)		
最大开距 Max.Opening	mm	240			240(280)			270(330)			270(330)		
柱间距 (L*W) Distance Between Tie Bars	mm	280两柱式			310*160			370*200			370*200		
最大模具尺寸 (L*W) Max.Mould Size	mm	250*250			300*250			320*320			300*300		
模板尺寸(L*W) Platen Size	mm	460*370			460*330			540*380			380*350		
顶杆数量 QTY Of Ejector	pcs	1			1			1			1		
成品顶出距离 Ejector Distance	mm	30			30			30			70		
顶出力 Ejector Force	kN(tf)	6.86(0.7)			6.86(0.7)			6.86(0.7)			6.86(0.7)		
其它 OTHERS													
系统压力 System Pressure	Mpa(kgf/cm ²)	13.7(140)			13.7(140)			13.7(140)			13.7(140)		
油箱容量 Oil Tank Capacity	L	90			90			120			120		
电机功率 Electric Power	KW	2.2(3HP)			2.2(3HP)			4(5HP)			4(5HP)		
电热功率 Heater Power	KW	2			2			2.3			2.3		
机械尺寸 L*W Machine Dimensions	m	1.2*0.9			1.2*0.9			1.45*1.0			1.65*1.0		
H (不含避震脚) Exclude Shock-absorbing Feet	m	Min:2.12(Max:2.32)			Min:2.2(Max:2.45)			Min:2.4(Max:2.8)			Min:2.5(Max:2.9)		
冷却水排量 Cooling Water Capacity	L/min	10			10			15			15		
工作台面高度+(避震脚) Height Of Workbench (Include Shock-absorbing Feet)	mm	828+(20)			821+(20)			943+(20)			1023+(20)		
机械重量 Machine Weight	ton	0.6			0.7			0.9			1.1		

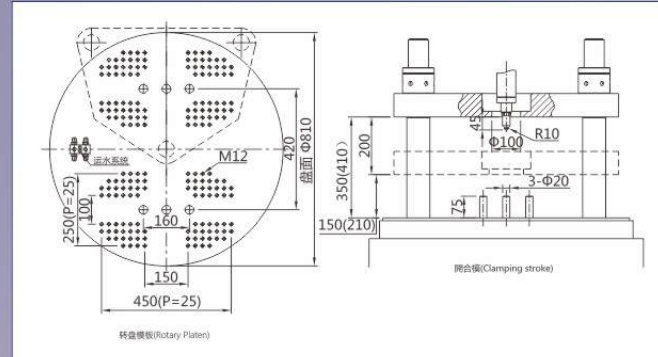
* 规格若修改，恕不另行通知！Specifications are subject to change without notice!

模板尺寸图

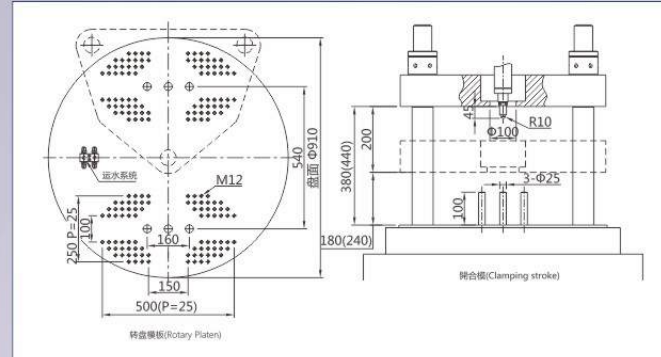
Template Dimensional Drawings

TFV3-R2转盘机系列

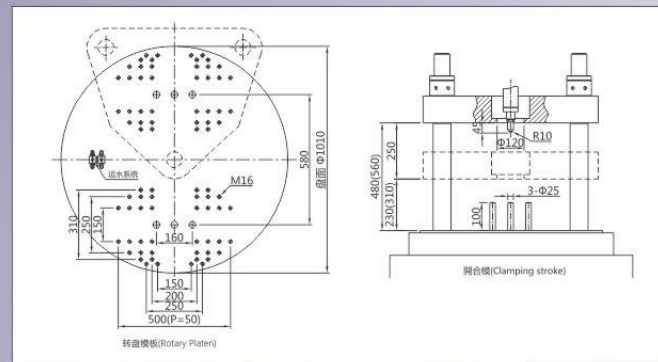
TFV3-R2 Rotary Table Series



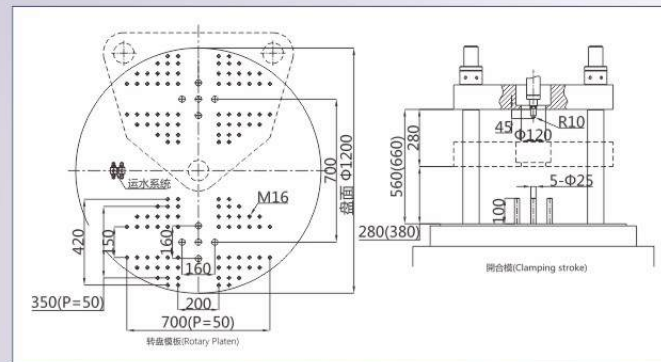
TFV3-35R2



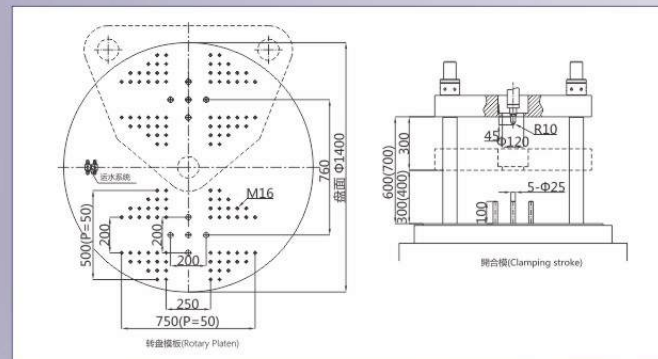
TFV3-55R2



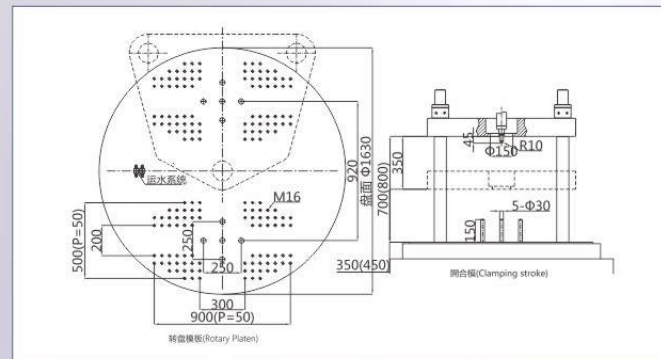
TFV3-85R2



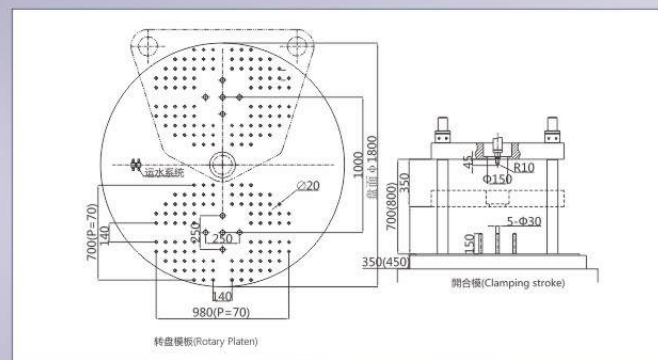
TFV3-120R2



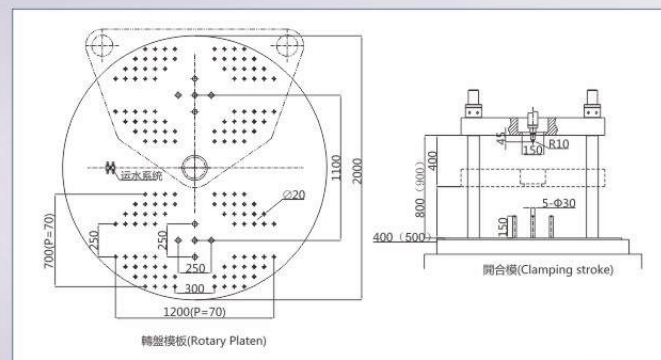
TFV3-160R2



TFV3-200R2



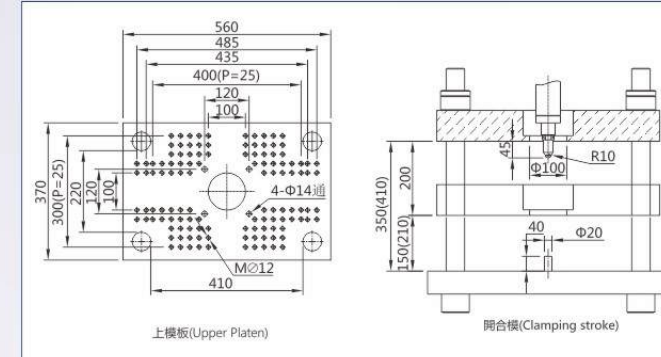
TFV3-250R2



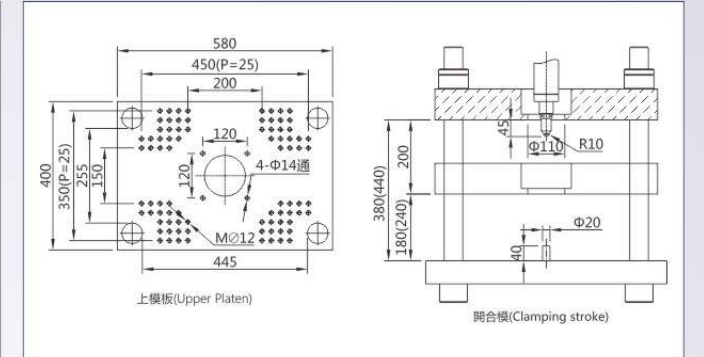
TFV3-350R2

TFV4标准机系列

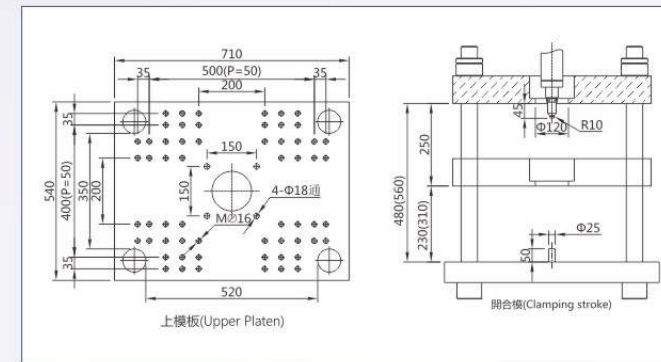
TFV4 Standard Machine Series



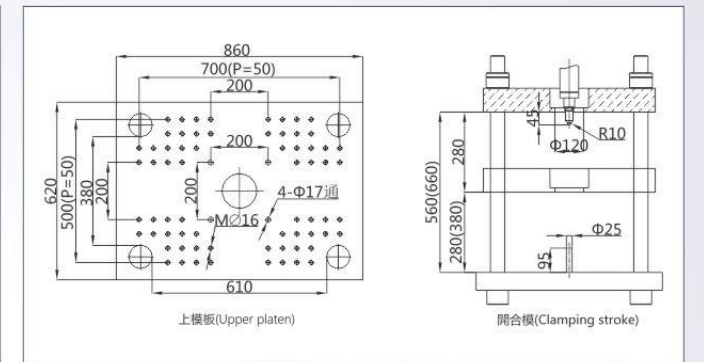
TFV4-35



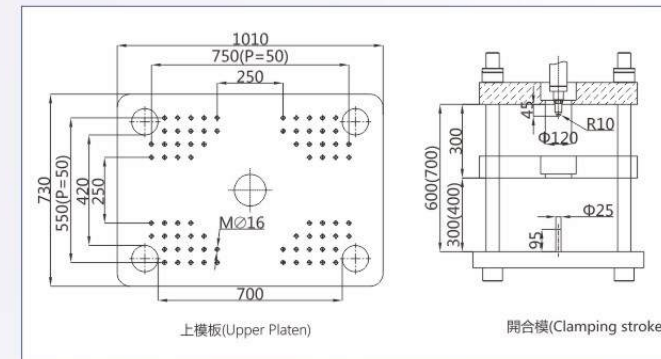
TFV4-55



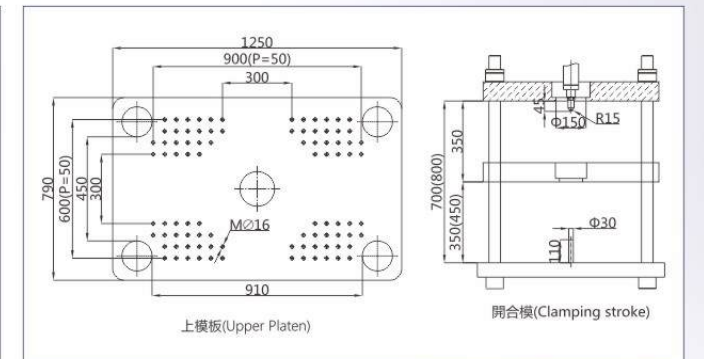
TFV4-85



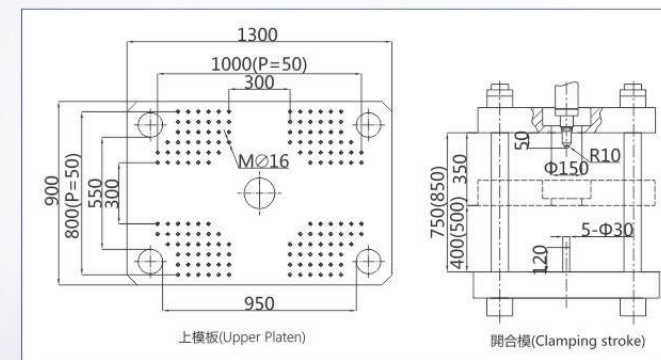
TFV4-120



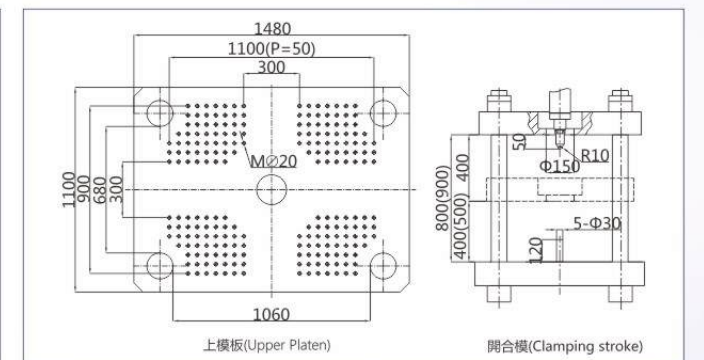
TFV4-160



TFV4-200



TFV4-250



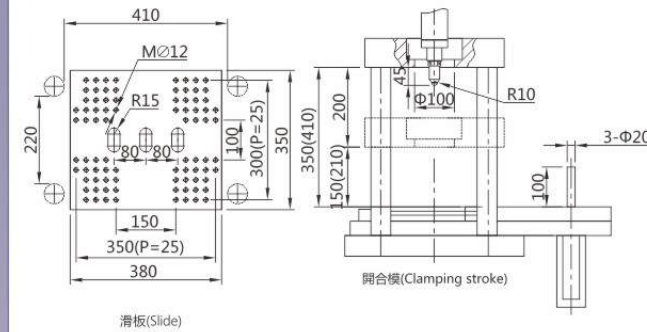
TFV4-300

模板尺寸图

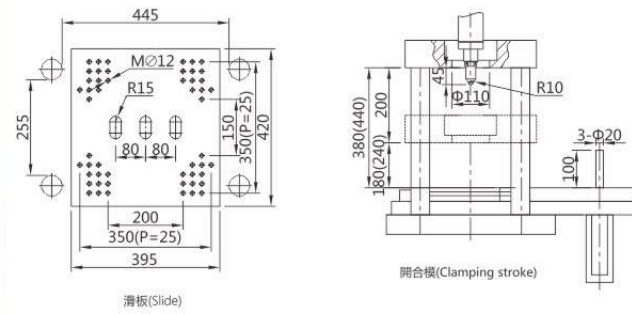
Template Dimensional Drawings

TFV4-S单滑板机系列

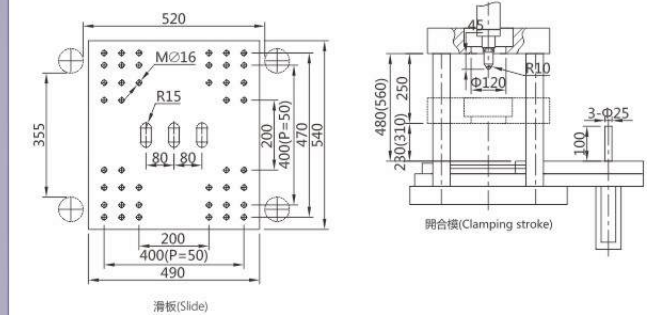
TFV4-S Single Slide Series



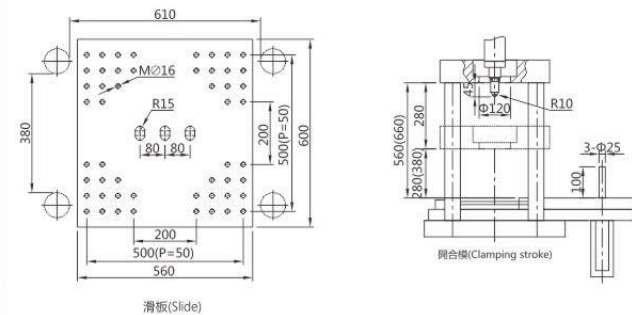
TFV4-35S



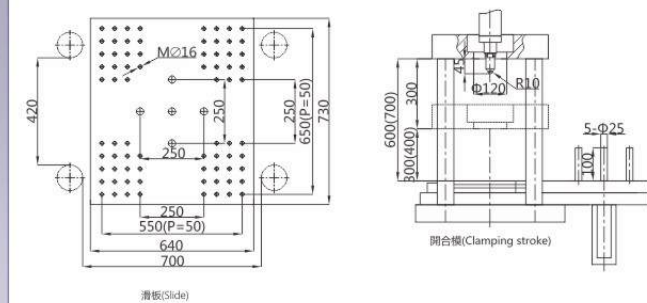
TFV4-55S



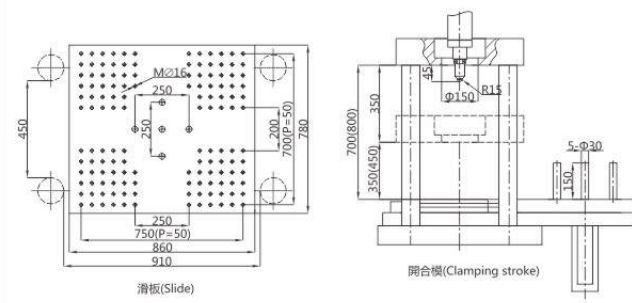
TFV4-85S



TFV4-120S



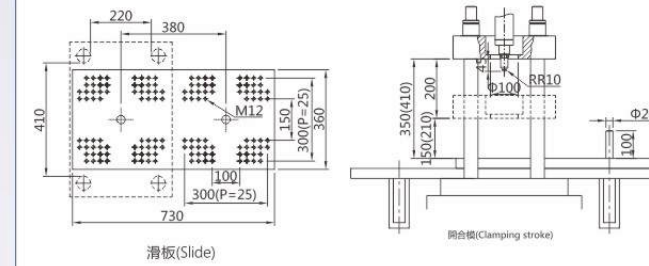
TFV4-160S



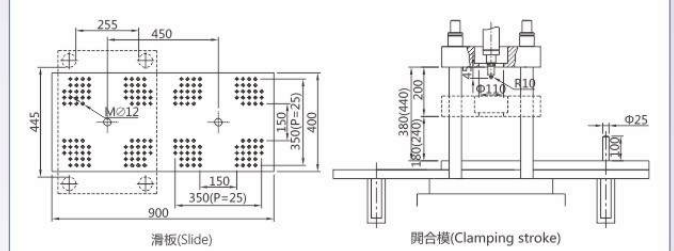
TFV4-200S

TFV4-SD双滑板机系列

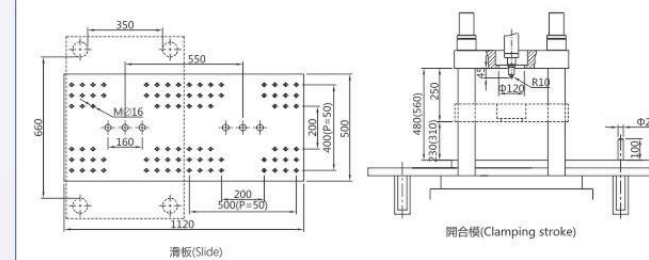
TFV4-SD Double Slide Series



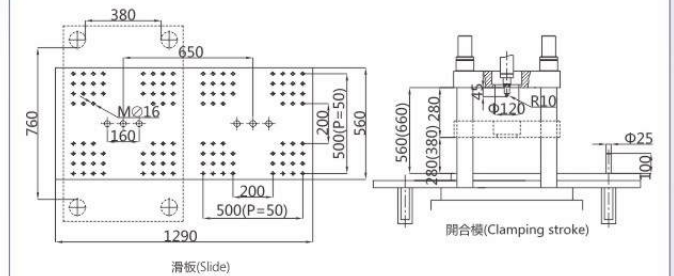
TFV4-35SD



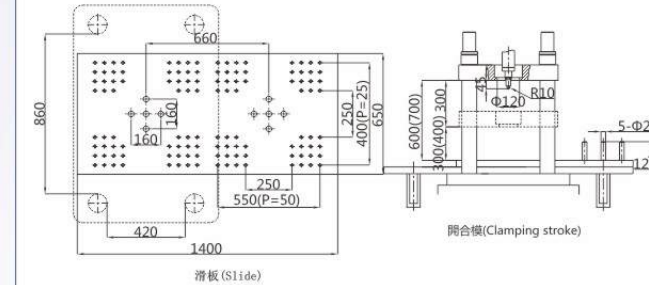
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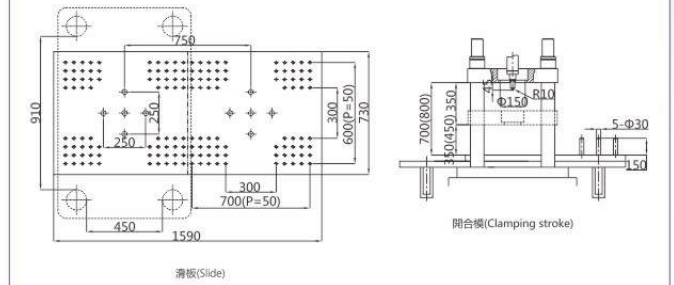
TFV4-85SD



TFV4-120SD



TFV4-160SD



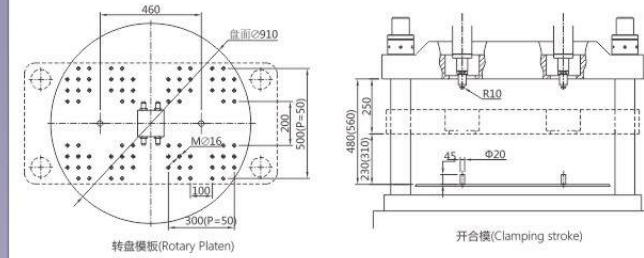
TFV4-200SD

模板尺寸图

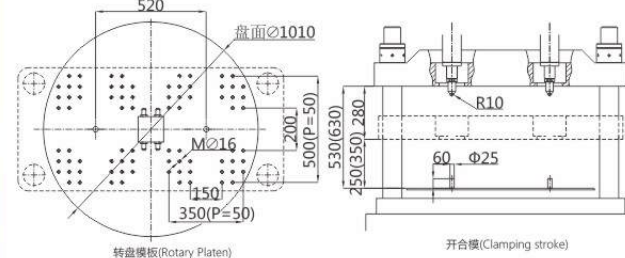
Template Dimensional Drawings

TFV4-R2-2C双色转盘机系列

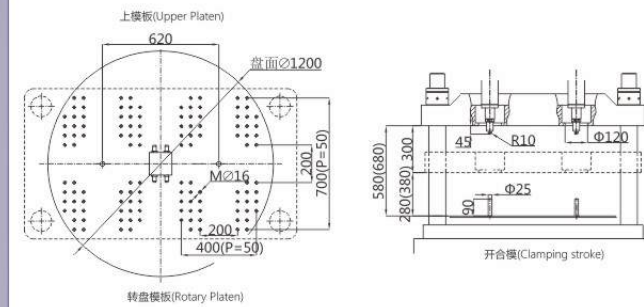
TFV4-R2-2C Dual-color Rotary Table Series



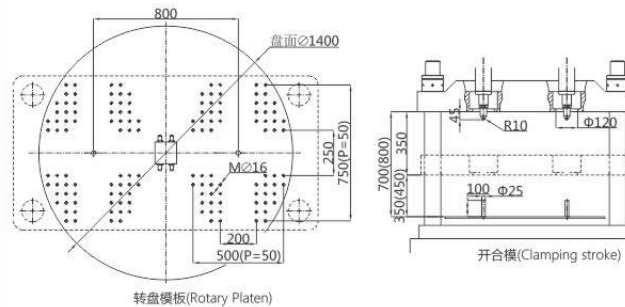
TFV4-90R2-2C



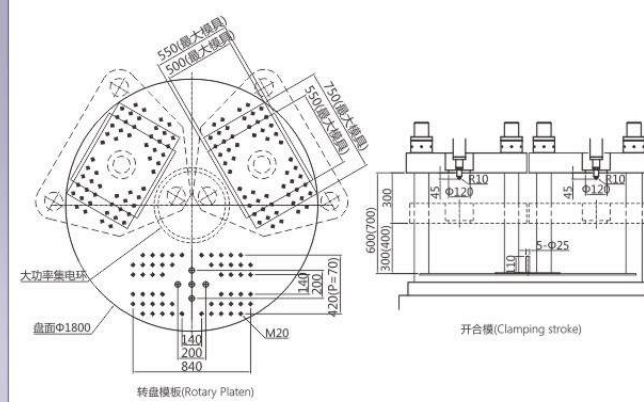
TFV4-120R2-2C



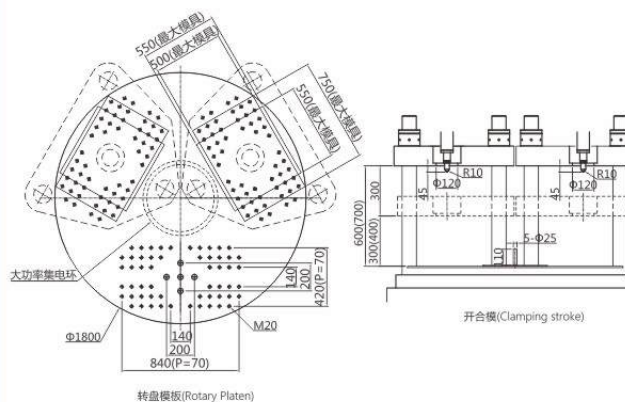
TFV4-170R2-2C



TFV4-250R2-2C



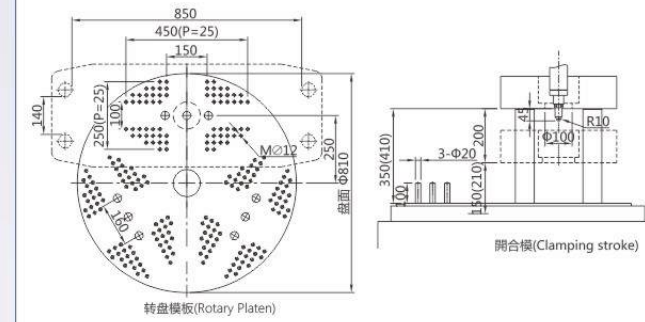
TFV6-170R3-2C



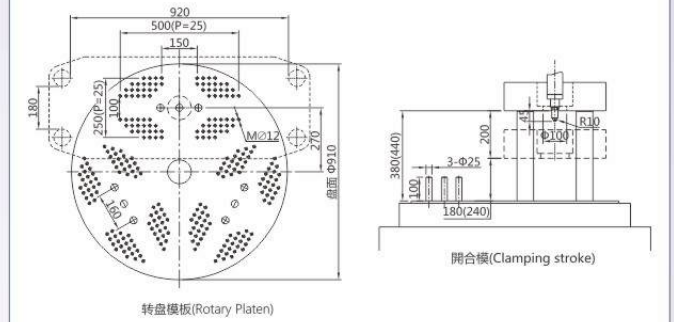
TFV6-320R3-2C

TFV4-R3转盘系列

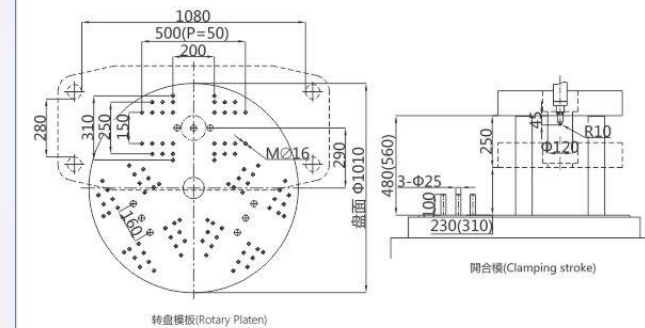
TFV4-R3 Rotary Table Series



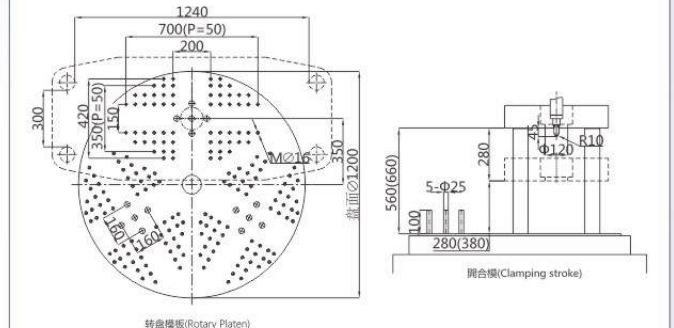
TFV4-35R3



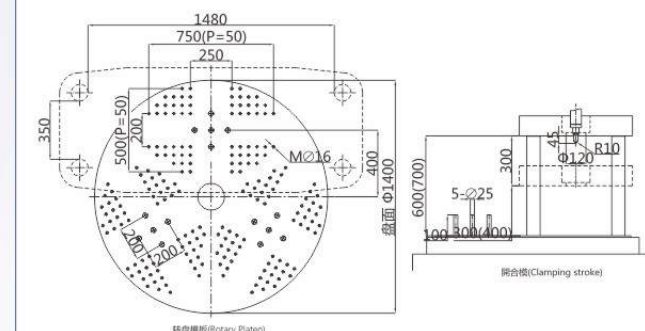
TFV4-55R3



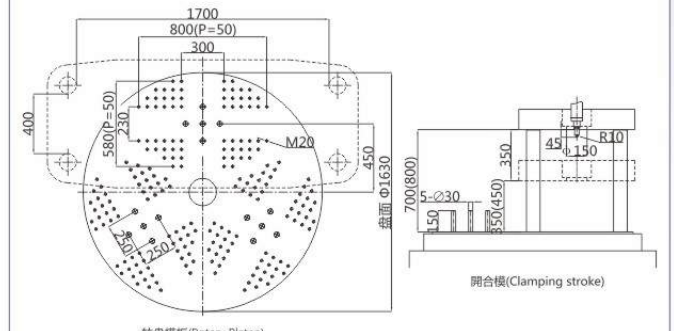
TFV4-85R3



TFV4-120R3



TFV4-160R3



TFV4-200R3