

高精度注塑系统

HIGH PRECISION INJECTION SYSTEM



Further
Information



OUR CORNER STONE – CUSTOM-MADE
我们的核心宗旨——量身定做

FÜHRUNG®

力维机械科技有限公司
LEADWAY MACHINERY TECHNOLOGY CO.,LTD

地址: 宁波市北仑区戚家山街道林唐东362号
ADD: No.362 Lintang East,Qijiashan Street,
Beilun District ,Ningbo, China

邮编 (P.C): 315803

电话 (Tel): +86 574 8307 5287

传真 (Fax): +86 574 8307 5285

E-mail: sales@ leadwaytech.cn

力维机械科技有限公司
LEADWAY MACHINERY TECHNOLOGY CO.,LTD

ISO:9001 CE TÜV CS



PET系列 专用注塑成型机

PET Series Special Injection Molding Machine

A 机型技术优势 Advantages Of Leadway Technology In PET Series

- 丰富的应用经验，为客户提供整套解决方案，保证客户投资安全
Rich experience in application, providing customers with a complete set of solutions to ensure safe investment
- 欧标尺寸模板，更大的容模尺寸，配合模具，节省客户的投资成本，提升机器的工作效率
European standard size platens with large mold thickness, suitable for more molds, saving customers' investment costs and improving machine efficiency
- 锁模连杆机构具有优异的运动曲线，快速、平稳的启闭动作
The mold-clamping linkage mechanism has an excellent motion curve and fast-and-smooth opening and closing action



- 高刚性锁模系统，最大限度提升产品品质稳定、提高模具有效的保护，延长整机寿命，为客户提高效率、节约成本

With high rigidity clamping system, it can maximize product quality stability, improve effective mold protection, extend the life of the machine and reduce cost to improve efficiency for customers

- 优异的塑化部件设计，塑化效果好，熔胶速度快

Excellent design of plasticizing unit, good plasticizing effect and fast melting speed

- 动力部分采用高响应伺服系统，油路优化设计，开合模速度快、控制精度高、动作平顺，有效的保护模具及锁模机构

The power unit adopts high response servo system. With optimized design of oil circuit, the injection, mold-opening and mold-closing is featured with fast speed, high precision control and smooth action, which provides effective protection for mold and the clamping mechanism



PET Series 技术参数 TECHNICAL PARAMETERS

说明 DESCRIPTION		UNIT	BLAZE1800II-PET/500	BLAZE1800II-PET/750	BLAZE2200II-PET/750	BLAZE2200II-PET/1250	BLAZE2800II-PET/1250
锁模系统 CLAMPING UNIT							
合模力	Clamping Force	KN	1800	1800	2200	2200	2800
移模行程	Opening Stroke	mm	430	430	490	490	560
拉杆间距	Space Between Tie Bars (H × V)	mm	520x470	520x470	580x530	580x530	630x580
最大模厚	Max. Mold Height	mm	530	530	580	580	650
最小模厚	Min. Mold Height	mm	180	180	200	200	270
顶出行程	Ejector Stroke	mm	140	140	150	150	160
顶出力	Ejector Force	KN	45	45	62	62	133
射胶系统 INJECTION UNIT							
螺杆直径	Screw Diameter	mm	50	55	55	65	65
螺杆长径比	Screw L:D Ratio	L/D	25	25	25	25	25
理论注射容量	Shot Volume	cm ³	477	706	706	1,154	1,154
注射重量(PET)	Shot Weight (Pet)	g	516	763	763	1252	1252
注射压力	Injection Pressure	Bar	1456	1508	1508	1567	1567
熔胶速率	Plasticizing Capacity	g/s	35	42	52	60	75
最大螺杆转速	Max. Screw Speed	r/min	150	122	150	105	125
其他 OTHERS							
最大油泵压力	Max. Pump Pressure	Mpa	16	16	16	16	16
油泵电机功率	Pump Motor Power	kw	23	23	28.7	28.7	36.7
电热功率	Heating Capacity	kw	18.5	18.5	18.5	25.6	25.6
温度控制区	Number Of Temp Zones		5+1	5+1	5+1	5+1	5+1
油箱容积	Oil Tank Capacity	L	300	300	300	380	520
外形尺寸	Machine Dimensions (L × W × H)	m	5.7x1.4x2.2	5.7x1.4x2.2	5.7x1.4x2.2	6.1x1.6x2.2	7.1x1.8x2.3
机器重量	Machine Weight	ton	5.6	6	7.8	8.2	10.1
模板正面尺寸 Platen Dimensions Moving platen							
	模板侧面尺寸 Platen Dimensions Mounting hole for robot/sprue picker top view from fixed platen						

PET Series 技术参数 TECHNICAL PARAMETERS

说明 DESCRIPTION		UNIT	BLAZE2800II-PET/1900	BLAZE3500II-PET/1900	BLAZE3500II-PET/3500	BLAZE5500II-PET/3500	BLAZE5500II-PET/7000
锁模系统 CLAMPING UNIT							
合模力	Clamping Force	KN	2800	3500	3500	5500	5500
移模行程	Opening Stroke	mm	560	670	670	900	900
拉杆间距	Space Between Tie Bars (H × V)	mm	630x580	730x680	730x680	880x820	880x820
最大模厚	Max. Mold Height	mm	650	700	800	900	900
最小模厚	Min. Mold Height	mm	270	280	450	450	450
顶出行程	Ejector Stroke	mm	160	180	180	180	180
顶出力	Ejector Force	KN	133	133	133	133	133
射胶系统 INJECTION UNIT							
螺杆直径	Screw Diameter	mm	75	75	95	95	125
螺杆长径比	Screw L:D Ratio	L/D	25	25	25	25	25
理论注射容量	Shot Volume	cm ³	1,759	1,759	3,298	3,298	6,520
注射重量(PET)	Shot Weight (Pet)	g	1900	1900	3562	3562	7040
注射压力	Injection Pressure	Bar	1523	1523	1428	1428	1350
熔胶速率	Plasticizing Capacity	g/s	83	105	150	150	250
最大螺杆转速	Max. Screw Speed	r/min	86	105	86	86	56
其他 OTHERS							
最大油泵压力	Max. Pump Pressure	Mpa	16	16	16	16	16
油泵电机功率	Pump Motor Power	kw	36.7	39.4	65	65	80
电热功率	Heating Capacity	kw	36.6	44.6	55	55	75
温度控制区	Number Of Temp Zones		5+1	6+1	6+1	6+1	6+1
油箱容积	Oil Tank Capacity	L	520	550	800	800	1000
外形尺寸	Machine Dimensions (L × W × H)	m	7.1x1.8x2.3	8.5x2.1x2.5	9.0x2.0*2.2	9.6x2.2x2.2	11.2x2.2x2.2
机器重量	Machine Weight	ton	10.6	13.3	15.1	22.2	27.5
模板正面尺寸 Platen Dimensions Moving platen							
	模板侧面尺寸 Platen Dimensions Mounting hole for robot/sprue picker top view from fixed platen						



P-TECH 系列包装专用注塑成型机

P-TECH Series Special Injection Molding Machine For Packaging



A 机型技术优势

Advantages Of Leadway Technology In Packaging Series



锁模连杆机构具有优异的运动曲线，快速、平稳的启闭动作。配合高刚性锁模系统，最大限度提升产品品质稳定、提高模具有效的保护，延长整机寿命，为客户提高效率、节约成本

The mold-clamping linkage mechanism has an excellent motion curve and fast-and-smooth opening and closing action. With high rigidity clamping system, it can maximize product quality stability, improve effective mold protection, extend the life of the machine and reduce cost to improve efficiency for customers

射胶部分采用双出杆双缸注射系统或单缸注射系统，低惯量注射。确保动作高速、精确响应，减少对机构的冲击，延长整机寿命，为客户提高效率、节约成本

The injection unit adopts double cylinder injection system or single cylinder injection system for low inertia injection, which can ensure high speed action and accurate response, reduce impact on the mechanism, extend the life of the machine and reduce cost to improve efficiency for customers

动力部分采用高响应伺服系统，开合模采用比例方向阀控制，配合专业高端控制器，注射、开合模速度快、控制精度高、动作平顺，有效的保护模具及锁模机构

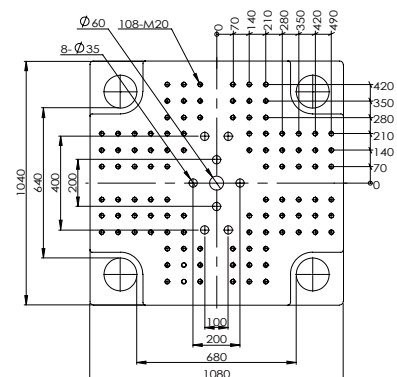
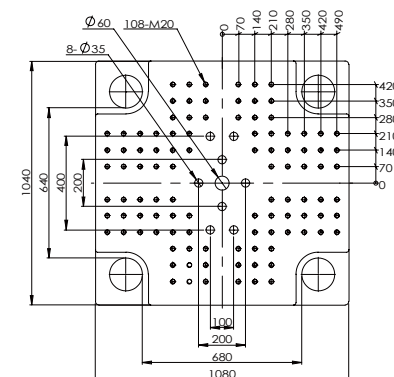
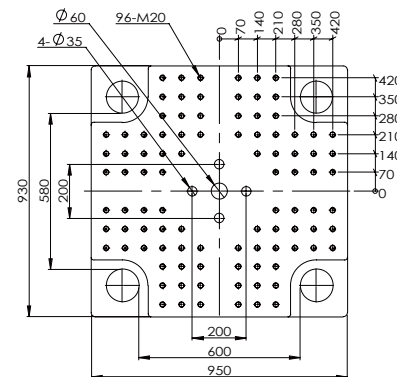
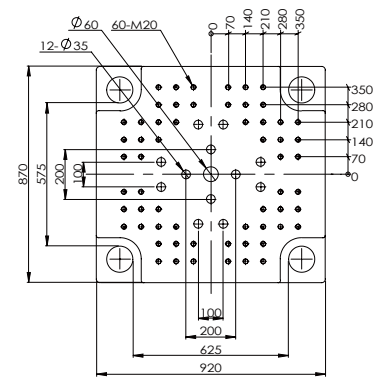
The power unit adopts high response servo system. The mold-opening and mold-closing adopts proportional directional valve control. With the help of professional high-end controller, the injection, mold-opening and mold-closing is featured with fast speed, high precision control and smooth action, which provides effective protection for mold and the clamping mechanism

Packaging Series 技术参数 TECHNICAL PARAMETERS

说明 DESCRIPTION		UNIT	P-TECH 2800-II	S-PACK 3300-II	S-PACK 3900-II	F-PACK 3900-II
锁模系统 CLAMPING UNIT						
合模力	Clamping Force	KN	2800	3300	3900	3900
移模行程	Opening Stroke	mm	560	580	640	640
拉杆间距	Space Between Tie Bars (H×v)	mm	625×575	600×580	680×640	680×640
最大模厚	Max. Mold Height	mm	620	650	700	700
最小模厚	Min. Mold Height	mm	250	250	280	280
顶出行程	Ejector Stroke	mm	160	100	100	100
顶出力	Ejector Force	KN	62	77	77	77
射胶系统 INJECTION UNIT						
螺杆直径	Screw Diameter	mm	50	48	48	55
螺杆长径比	Screw L:D Ratio	L/D	23	27	27	27
理论注射容量	Shot Volume	cm ³	422	452	452	648
注射重量(PS)	Shot Weight (Ps)	g	384	412	412	520
注射压力	Injection Pressure	Bar	1512	1640	1640	2088
注射速率	Injection Rate	cm ³ /s	360	630	780	930
最大螺杆转速	Max. Screw Speed	r/min	300	300	300	300
其他 OTHERS						
最大油泵压力	Max. Pump Pressure	Mpa	17.5	17.5	17.5	17.5
油泵电机功率	Pump Motor Power	kw	36.7	36.7+36.7	39.4+39.4	55+55
电热功率	Heating Capacity	kw	14.5	18.5	20.5	26.5
温度控制区	Number Of Temp Zones		3+1	5+1	5+1	5+1
油箱容积	Oil Tank Capacity	L	400	600	750	850
外形尺寸	Machine Dimensions (L×w×h)	m	6.7×1.8×2.0	7.5×1.8×2.0	8.2×2.0×2.0	8.6×2.0×2.0
机器重量	Machine Weight	ton	10.1	12.5	15	17
适用范围	Applicable Products		刀叉勺及水晶餐具等快消品 FMCG like Cutlery, fork, spoon and crystal tableware, etc.	膜内贴标等高要求薄壁件 Thin wall parts like IML, etc	膜内贴标等高要求薄壁件 Thin wall parts like IML, etc	膜内贴标等高要求薄壁件 Thin wall parts like IML, etc

模板正面尺寸 Platen Dimensions

Moving platen



模板侧面尺寸 Platen Dimensions

Mounting hole for robot/sprue picker top view from fixed platen

