

专业塑料成型机制造商

一代经典方模板系列

First generation of classic square template series

二代精注宽模板系列

Second generation of precise wide template series



宁波联源机械有限公司

NINGBO UNIONPOWER MACHINERY CO.,LTD

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产品选型手册

Selection Guide

宁波联源机械有限公司

NINGBO UNIONPOWER MACHINERY CO.LTD



宁波联源机械有限公司是一家专业生产塑料注射成型机的高新技术企业。公司拥有强大的自主开发能力，以及一批有丰富产品设计生产经验的塑机专业技术人员。自主生产的多种用途的特种注塑成型机，配备世界一流液压系统及控制系统，节能、快速、稳定、高效。备受海内外客户的青睐。产品销售遍及浙江、江苏、安徽、四川、陕西、湖北、河南、河北、山东、辽宁、广东、广西、上海等省市。部份产品已远销美国、荷兰、意大利、沙特、以色列、土耳其、巴西、墨西哥、南非、俄罗斯、乌克兰等国家以及中亚五国，东南亚各国。

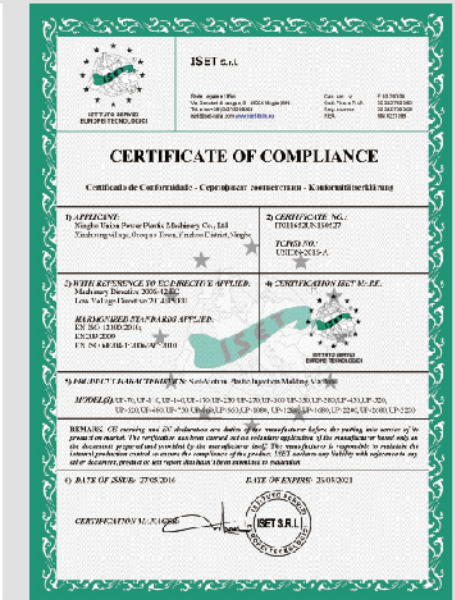
公司已通过ISO9001:2008质量体系认证,并获得ECM机构及ISET机构的CE证书。

公司本着“技术领航，质量取胜，”的一贯宗旨，为广大用户提供最完美的产品和最完美的服务，努力打造更新更优的“联源”品牌。

Ningbo Union Power Machinery Co.Ltd is the high and new technology enterprise specially producing plastic injection moulding machine. Our company has a great ability of developing by ourselves depending on our professional machine technician with abundant experience of design and production. Our special injection moulding machine of multi-function, equipped best hydraulic pressure system and control system. It was widely accepted by customer all over the world. Our market extend over to the following province, Zhejiang, Jiangsu, Anhui, Sichuan, Shanxi, Hubei, Henan, Hebei, Shandong, Liaoning, Guangdong, Guangxi, Shanghai..etc. Some models have been already exported to The United States, Holland, Italy, Saudi Arabia, Israel, Turkey, Brazil, Mexico, South Africa, Russia, Ukraine and other countries, as well as the five Central Asian countries, and Southeast Asian countries

Our company obtains ISO9001:2008 quality system certification and get the professional CE certificates from ECM and ISET laboratory

Based on the tenet of "Lead with technology, Win with quality,the company provides most perfect product and best service to our customer. We are trying to make new and better brand of "Union Power" .



企业宗旨

质量至上、重信守约、科学管理、争创优级

Enterprise tenet

Quality first supreme contract abiding scientific management striving for excellence

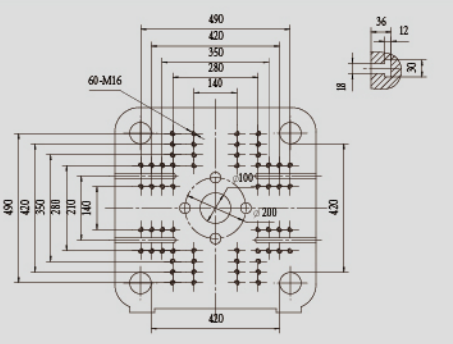
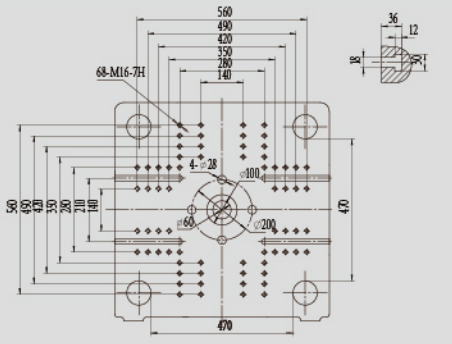
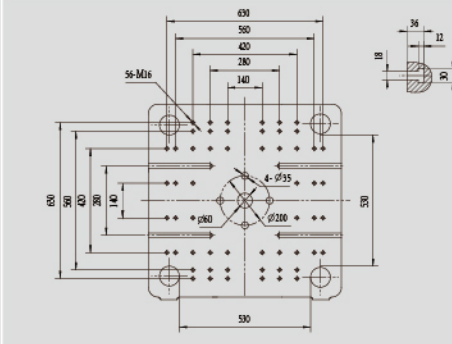
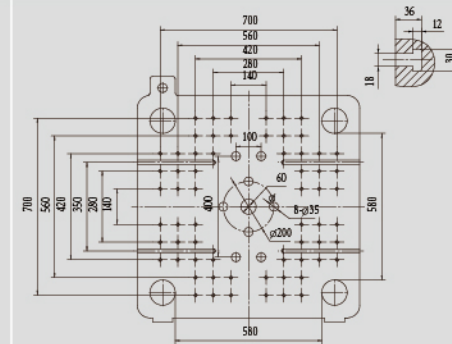
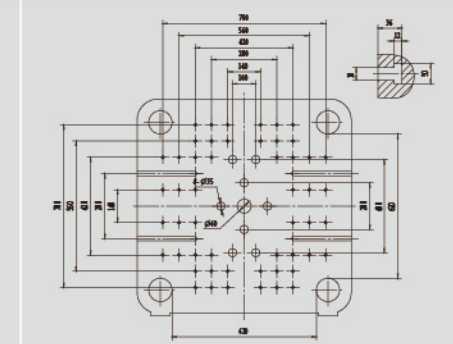
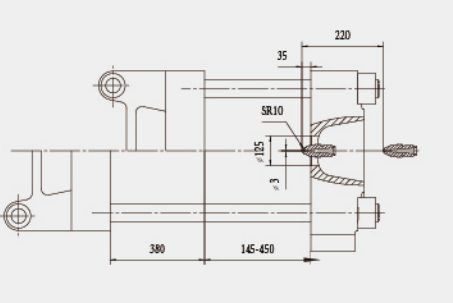
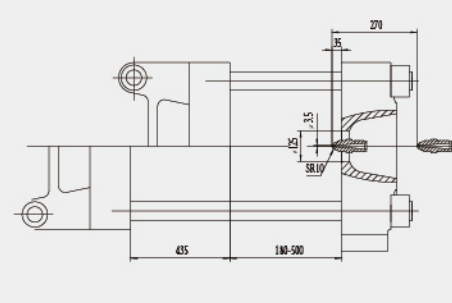
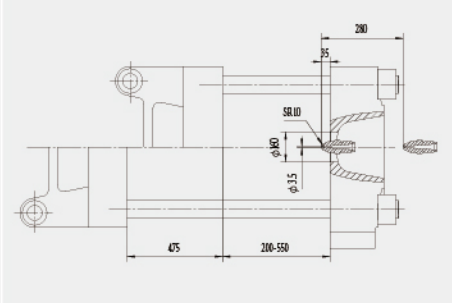
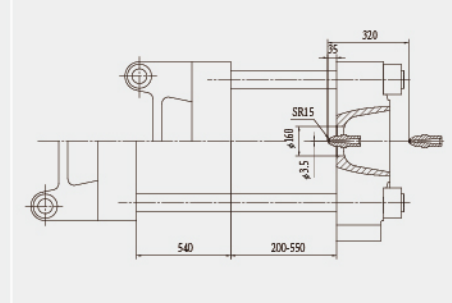
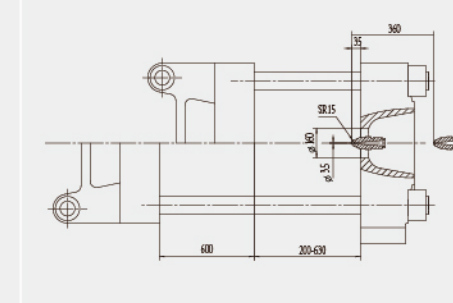
经营理念

科技先导、品质至臻、服务至上、信誉永恒

Management idea

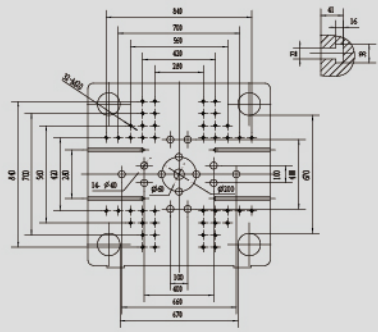
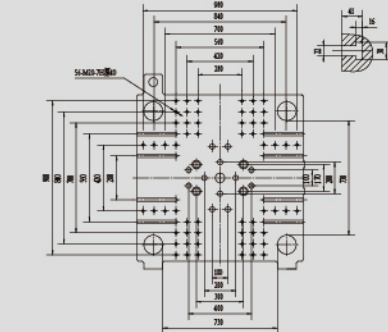
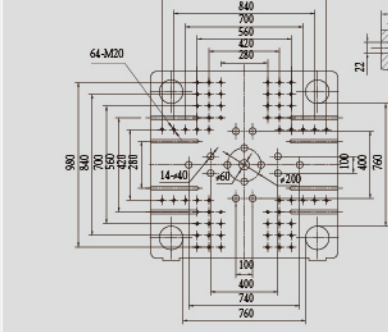
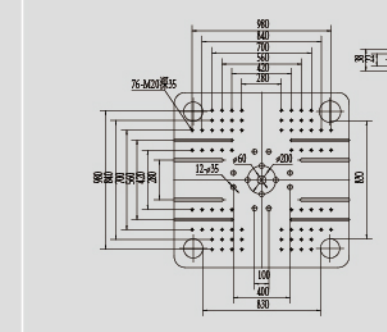
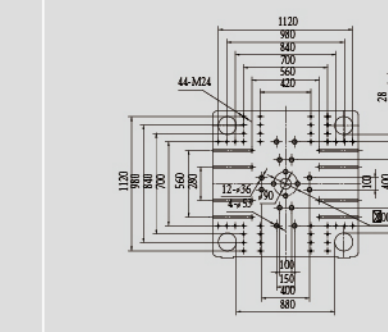
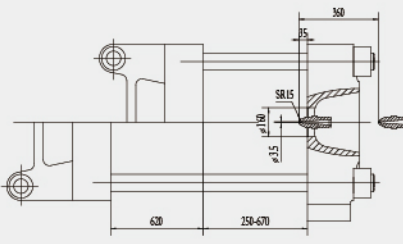
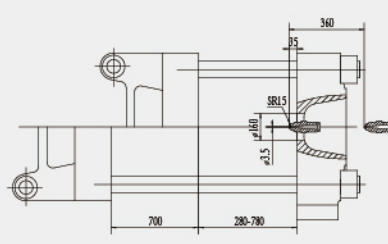
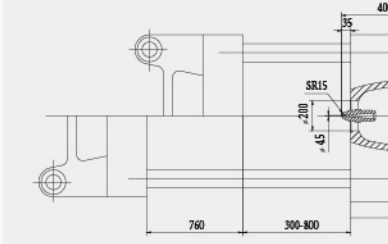
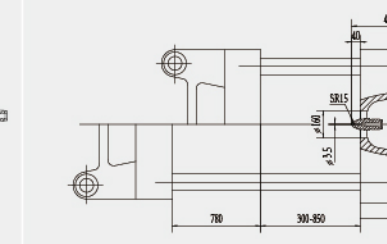
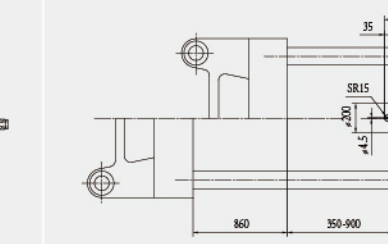
Technology guided superior quality service uppermost eternal reputation

产品参数 Product parameters

规格		单位	UP-140			UP-170			UP-230			UP-270			UP-300		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
螺杆直径	Screw diameter	mm	38	42	45	42	45	50	50	55	60	55	60	65	60	65	70
注射容量	Injection capacity	cm	215	260	302	311	358	442	461	558	664	594	707	830	806	946	1096
注射重量 (PS)	Injection weight	g	194	237	272	280	322	397	415	502	598	535	636	746	725	851	987
射胶压力	Injection pressure	Mpa	186	152	132	174	152	123	169	142	121	169	142	121	170	145	107
螺杆转速	Screw speed	rmp		215			199			155			180			220	
合模力	Clamping force	kN		1400			1700			2300			2700			3000	
移模行程	Mold shift stroke	mm		380			440			475			550			600	
拉杆间距	distance between tie bars	mm		420×420			470×470			530×530			580×580			620×620	
最大模厚	Maximum die thickness	mm		450			500			550			580			620	
最小模厚	Minimum die thickness	mm		135			180			220			200			200	
顶出行程	Ejection stroke	mm		120			140			135			150			150	
顶出力	Ejection force	kN		46			46			70			70			70	
系统压力	system pressure	Mpa		16			16			16			16			16	
电马达功率	heating Power	kW		13 (14)			15 (18.2)			22 (21.5)			22 (28.3)			30 (29)	
电热功率	heating Power	kW		8.2			9.3			14.2			16			18.5	
机器外形尺寸	Machine outline size	mm		4.2×1.2×1.9			4.8×1.4×1.9			5.8×1.55×2.15			6.2×1.65×2.25			6.3×1.75×2.37	
油箱容积	Tank volume	L		190			240			350			380			400	
机器重量	Machine weight	t		3.4			5			6.3			8.3			9.3	
模板正面尺寸	Platen Dimension	mm															
模板侧面尺寸	Mold-space Dimension	mm															

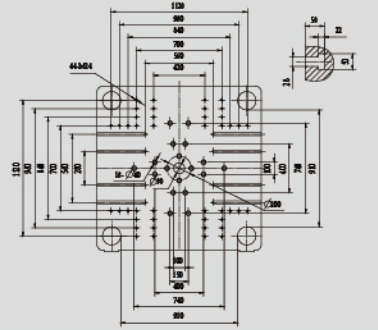
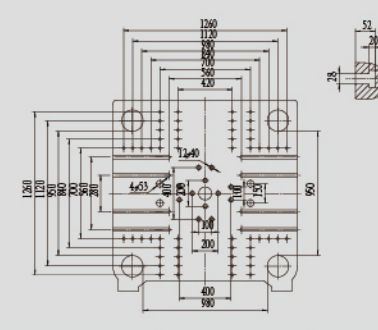
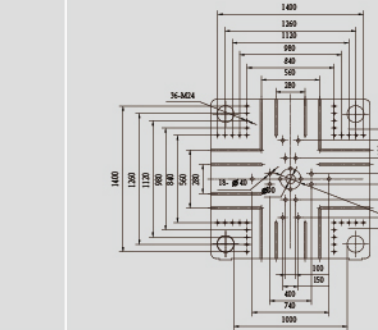
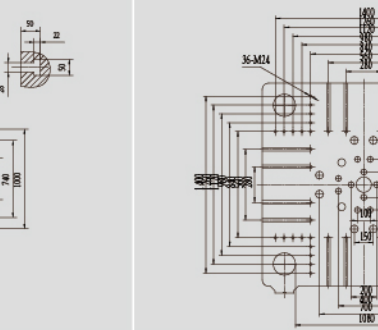
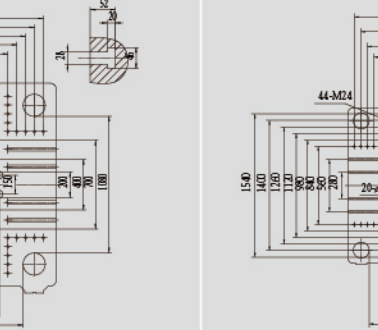
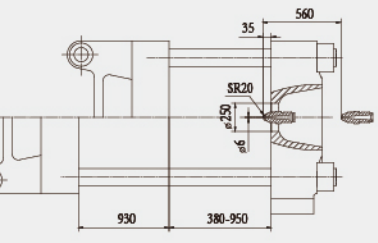
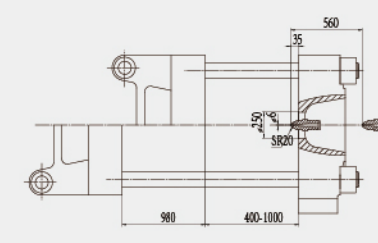
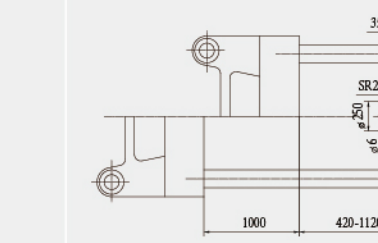
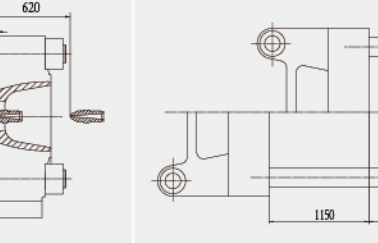
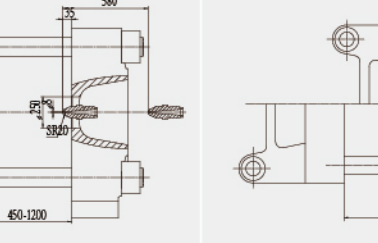
由于技术改进, 技术参数变更, 恕不另行安排
We reserve the right to make any technical improvement without prior notice

产品参数 Product parameters

规格		单位	UP-330			UP-420			UP-450			UP-520			UP-620		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
螺杆直径	Screw diameter	mm	65	70	75	70	75	80	75	80	85	80	85	90	90	95	100
注射容量	Injection capacity	cm	1077	1250	1458	1385	1590	1810	1710	1945	2196	2135	2410	2702	2736	3048	3377
注射重量 (PS)	Injection weight	g	970	1143	1312	1247	1431	1628	1539	1751	1976	1943	2194	2459	2489	2774	3073
射胶压力	Injection pressure	Mpa	197	170	148	199	173	152	173	152	135	168	148	132	184	165	149
螺杆转速	Screw speed	rmp		190			180			160			130			150	
合模力	Clamping force	kN		3300			4200			4500			5200			6200	
移模行程	Mold shift stroke	mm		635			740			760			850			870	
拉杆间距	distance between tie bars	mm		670×670			745×745			760×760			830×830			880×880	
最大模厚	Maximum die thickness	mm		670			750			800			810			900	
最小模厚	Minimum die thickness	mm		250			280			280			330			350	
顶出行程	Ejection stroke	mm		160			180			200			240			250	
顶出力	Ejection force	kN		89			110			110			150			150	
系统压力	system pressure	Mpa		16			16			16			16			16	
电马达功率	heating Power	kW		37 (36.7)			39.7			45 (39.5)			45 (63)			55 (21.5+39.5)	
电热功率	heating Power	kW		24.4			29			29.3			31.5			42.8	
机器外形尺寸	Machine outline size	mm		7.2×1.9×2.35			7.35×1.95×2.4			7.5×2×2.45			8.4×2×2.76			10.2×2.2×2.7	
油箱容积	Tank volume	L		600			650			880			900			1040	
机器重量	Machine weight	t		12.8			15.4			16			21			32	
模板正面尺寸	Platen Dimension	mm															
模板侧面尺寸	Mold-space Dimension	mm															

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产品参数 Product parameters

规格		单位	UP-680			UP-750			UP-860			UP-960			UP-1080		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
螺杆直径	Screw diameter	mm	90	100	110	100	110	120	110	115	120	115	120	125	110	120	130
注射容量	Injection capacity	cm	2799	3455	4181	3636	4400	5236	4656	5089	5541	5502	5991	6500	4619	5500	6452
注射重量 (PS)	Injection weight	g	2519	3110	3763	3306	4003	4765	4237	4580	5043	4952	5452	5850	4203	5005	5871
射胶压力	Injection pressure	Mpa	177	143	118	184	152	128	152	140	128	157	144	133	174	146	125
螺杆转速	Screw speed	rmp		122			110			100			110			110	
合模力	Clamping force	kIN		6800			7600			8600			9600			10800	
移模行程	Mold shift stroke	mm		940			980			1000			1100			1120	
拉杆间距	distance between tie bars	mm		910×910			980×950			1000×1000			1080×1080			1150×1100	
最大模厚	Maximum die thickness	mm		1000			1000			1120			1200			1200	
最小模厚	Minimum die thickness	mm		420			400			420			450			500	
顶出行程	Ejection stroke	mm		255			260			320			325			320	
顶出力	Ejection force	kN		175			185			235			245			215	
系统压力	system pressure	Mpa		16			16			16			16			16	
电马达功率	heating Power	kW		30+30 (36.7+36.7)			37+30 (39.5+36.7)			37+45 (39.5+39.5)			45+45 (23+36.7+39.5)			45+45 (23+39.5+39.5)	
电热功率	heating Power	kW		52			56.7			58			65			68	
机器外形尺寸	Machine outline size	mm		10.5×2.2×2.8			10.8×2.3×2.9			11.2×2.5×3.2			11.8×2.7×3.2			10.2×2.2×2.7	
油箱容积	Tank volume	L		1650			1600			1750			1900			1950	
机器重量	Machine weight	t		37			42			48			52			56	
模板正面尺寸	Platen Dimension	mm															
模板侧面尺寸	Mold-space Dimension	mm															

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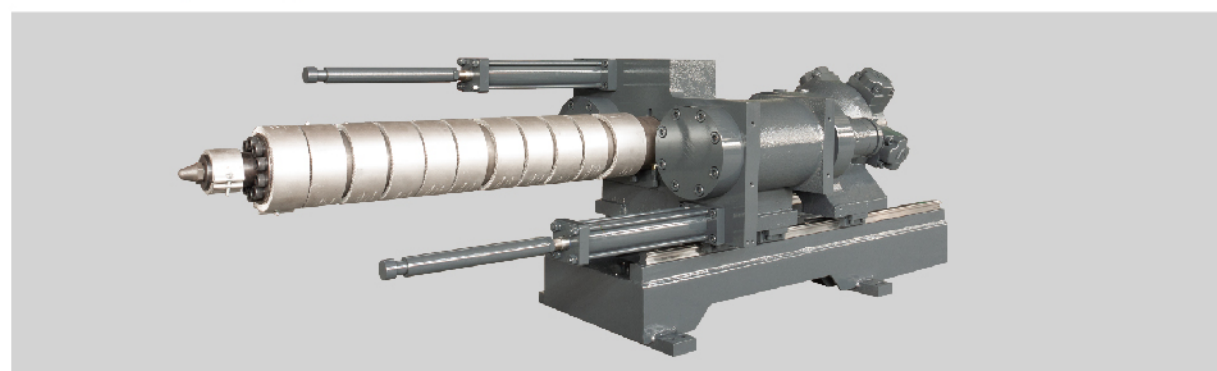
新机推荐 New machine recommendation

NEW

二代198S



注射系统 Injection system



精密直线导轨滑台结构

双缸平衡注射系统

双缸座台进移

多级注射压力/速度&位置控制

多级储料压力/速度&位置控制

高扭矩油马达驱动螺杆预塑装置

螺杆倒索防流涎装置

料筒温度通过电脑PID控制

陶瓷料筒加热装置

料筒下料口冷却系统

precise linear guide slide structure

Dual-cylinder balanced injection system

Dual-cylinder base forward

Multi-stage injection pressure/speed & position control

Multi-stage storing pressure/speed & position control

High-torque oil motor drive screw preplasticizing device

Screw draw-back anti-drooling device

Hopper temperature control by computer PID

Ceramic hopper heating device

Hopper blanking opening cooling system

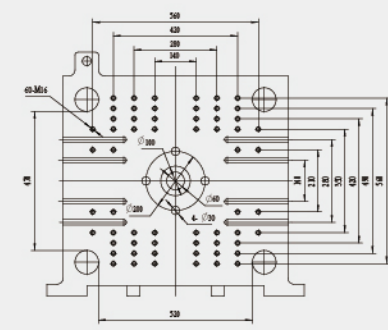
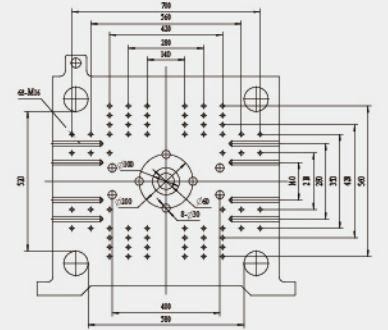
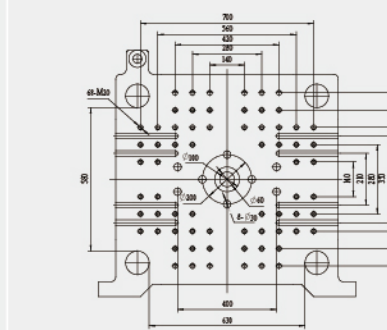
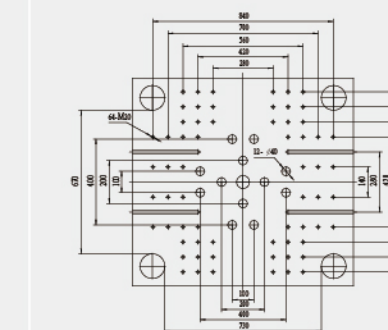
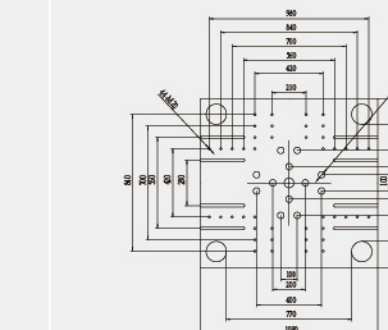
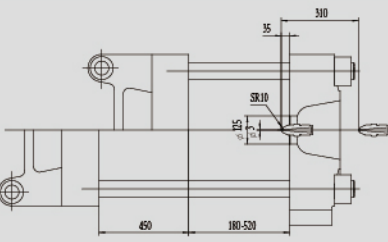
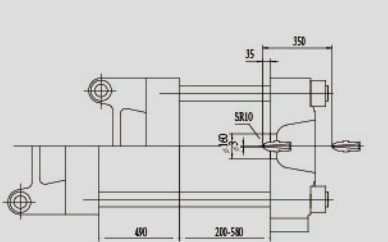
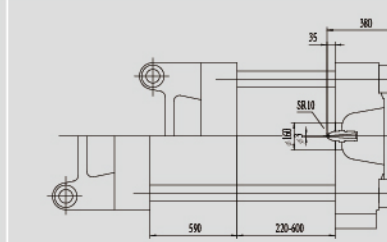
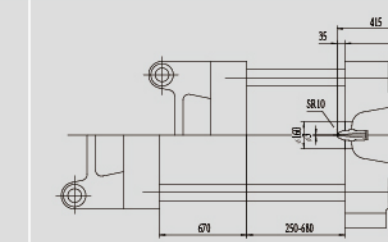
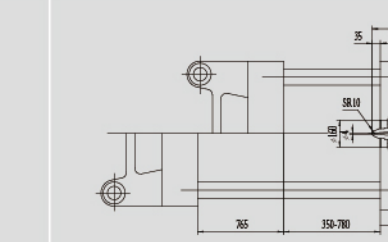
产品参数 Product parameters

规格	单位	UP-128			UP-158			
		A	B	C	A	B	C	
螺杆直径	Screw diameter	mm	40	42	45	40	42	45
注射容量	Injection capacity	cm ³	227	251	288	278	306	351
注射重量 (PS)	Injection weight	g	204	226	259	249	275	316
射胶压力	Injection pressure	Mpa	188	171	149	180	163	142
螺杆转速	Screw speed	rmp	0-200			0-20		
合模力	Clamping force	kN	1280			1580		
移模行程	Mold shift stroke	mm	360			390		
拉杆间距	distance between tie bars	mm	420×380			470×420		
最大模厚	Maximum die thickness	mm	400			450		
最小模厚	Minimum die thickness	mm	150			150		
顶出行程	Ejection stroke	mm	100			140		
顶出力	Ejection force	kN	38			53		
顶出杆根数	Number of Ejector Rod Roots	piece	5			5		
系统压力	system pressure	Mpa	16			16		
电马达功率	Electric motor power	kW	11 (11.5)			13 (13.4)		
电热功率	heating Power	kW	7.3			7.9		
机器外形尺寸	Machine outline size	m	4.3×1.15×1.85			4.35×1.2×1.9		
油箱容积	Tank volume	L	200			260		
机器重量	Machine weight	t	3.6			4.5		
模板正面尺寸	Platen Dimension	mm						
模板侧面尺寸	Mold-space Dimension	mm						

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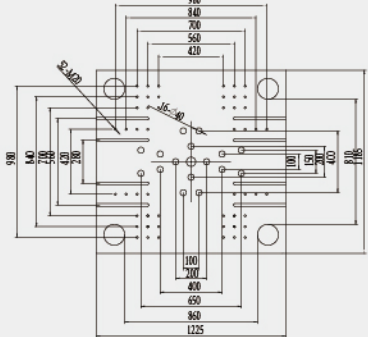
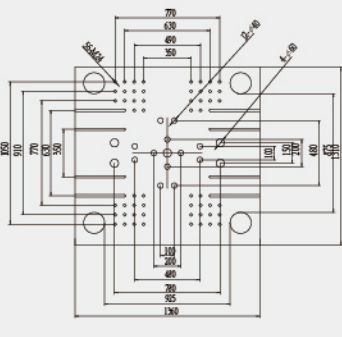
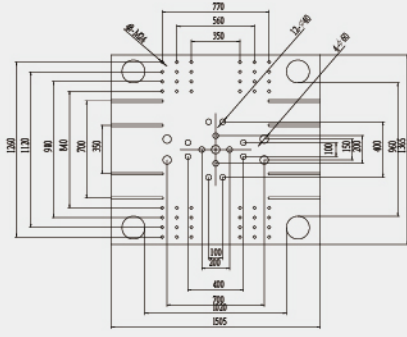
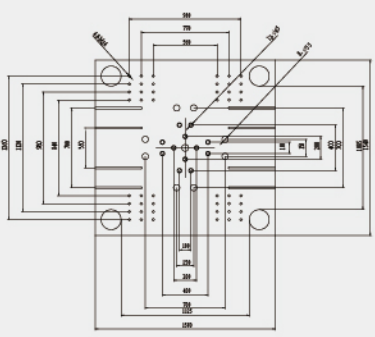
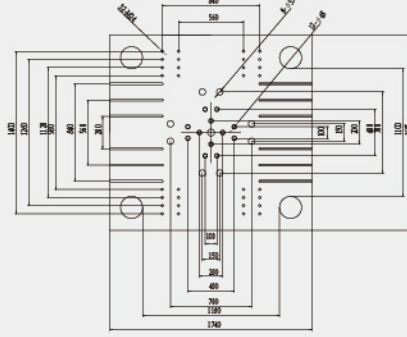
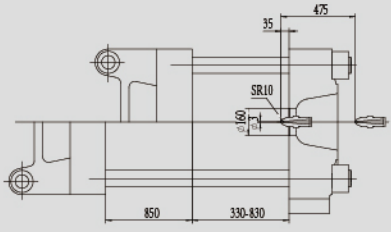
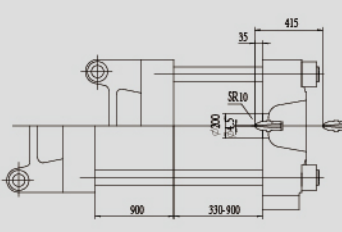
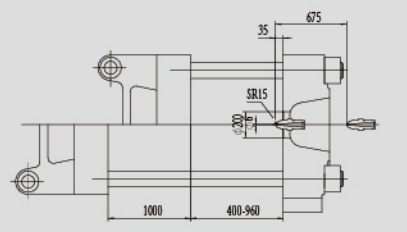
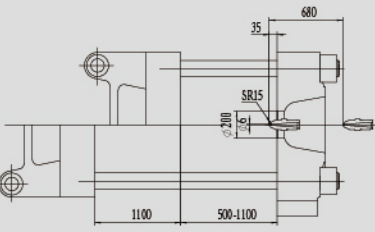
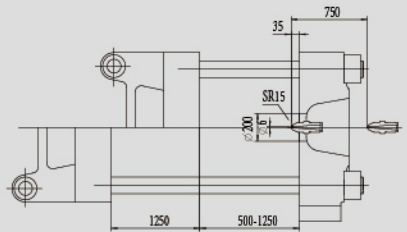
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产品参数 Product parameters

规格		单位	UP-198			UP-258			UP-298			UP-358			UP-428		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
螺杆直径	Screw diameter	mm	42	45	50	45	50	55	55	65	70	60	65	70	70	75	80
注射容量	Injection capacity	cm	379	435	538	461	569	689	677	806	935	1000	1174	1362	1501	1723	1960
注射重量 (PS)	Injection weight	g	303	392	484	415	512	620	616	733	841	910	1068	1240	1366	1568	1784
射胶压力	Injection pressure	Mpa	203	177	143	207	168	138	199	168	145	214	182	157	174	152	133
螺杆转速	Screw speed	rmp	0-220			0-200			0-200			0-200			0-200		
合模力	Clamping force	kN	1980			2580			2980			3580			4280		
移模行程	Mold shift stroke	mm	450			490			600			670			750		
拉杆间距	distance between tie bars	mm	520×470			580×520			630×580			730×670			770×720		
最大模厚	Maximum die thickness	mm	520			580			630			680			760		
最小模厚	Minimum die thickness	mm	180			200			220			250			300		
顶出行程	Ejection stroke	mm	100			160			160			160			160		
顶出力	Ejection force	kN	80			110			110			110			110		
顶出杆根数	Number of Ejector Rod Roots	piece	5			9			9			13			13		
系统压力	system pressure	Mpa	16			16			16			16			16		
电马达功率	heating Power	kW	18.5(23.1)			22(23.1)			30(34.6)			37(39.5)			37(39.5)		
电热功率	heating Power	kW	9.9			11.8			13.8			22.8			29.5		
机器外形尺寸	Machine outline size	mm	4.9×1.3×2.05			6.1×1.45×2.15			6.35×1.55×2.25			6.9×1.9×2.35			7.5×1.9×2.4		
油箱容积	Tank volume	L	350			400			500			700			800		
机器重量	Machine weight	t	5.5			6.9			8.8			14			15.6		
模板正面尺寸	Platen Dimension	mm															
模板侧面尺寸	Mold-space Dimension	mm															

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产品参数 Product parameters

规格		单位	UP-538			UP-688			UP-788			UP-968			UP-1180		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
螺杆直径	Screw diameter	mm	75	80	85	90	95	100	90	95	105	95	100	105	110	120	130
注射容量	Injection capacity	cm	1727	1965	2219	2736	3048	3377	2990	3331	4070	3544	3927	4330	5282	6285	7377
注射重量 (PS)	Injection weight	g	1572	1788	2019	2489	2774	3073	2721	3032	3703	3225	3574	3941	4805	5720	6712
射胶压力	Injection pressure	Mpa	191	168	148	184	165	149	194	174	143	171	155	140	170	143	122
螺杆转速	Screw speed	rmp	0-200			0-200			0-200			0-200			0-200		
合模力	Clamping force	kN	5380			6880			7880			9680			11800		
移模行程	Mold shift stroke	mm	850			900			1000			1100			1250		
拉杆间距	distance between tie bars	mm	870×820			925×875			1020×960			1125×1085			1180×1100		
最大模厚	Maximum die thickness	mm	830			900			960			1100			1250		
最小模厚	Minimum die thickness	mm	330			330			400			500			500		
顶出行程	Ejection stroke	mm	265			335			340			335			325		
顶出力	Ejection force	kN	150			150			210			216			245		
顶出杆根数	Number of Ejector Rod Roots	piece	17			17			17			21			21		
系统压力	system pressure	Mpa	16			16			16			16			16		
电马达功率	heating Power	kW	18.5(23.1)			30+37			37+37			45+45(23+36.7+39.5)			55+45(28.3+39.5+39.5)		
电热功率	heating Power	kW	55(21.5+39.5)			42.8			54.3			61.3			68		
机器外形尺寸	Machine outline size	mm	8.5×2.2×2.8			10.2×2.2×2.71			11.43×2.4×3.14			11.7×2.8×3			7.5×1.9×2.4		
油箱容积	Tank volume	L	950			1100			1600			1900			1950		
机器重量	Machine weight	t	26			32			42			50			55		
模板正面尺寸	Platen Dimension	mm															
模板侧面尺寸	Mold-space Dimension	mm															

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