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PVC 行业应用
HA/PVC

HT 202.20621-CV



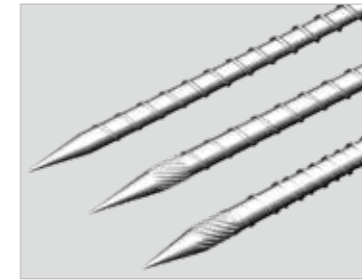
PVC行业应用

PVC因其优良的耐候性和机械性能，在建筑材料、工业制品、日用品等行业均有广泛应用。随着房地产和家装行业的持续发展，PVC管件的市场需求一直居高不下。

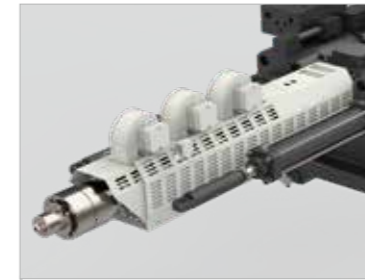
针对PVC原料的加工特性及产品的工艺特点，优化开发了新一代的HA-PVC专机。适用于生产各类硬质PVC产品、PPR管件(特殊选配)、PE管件(特殊选配)等。

PVC行业专机主要特性

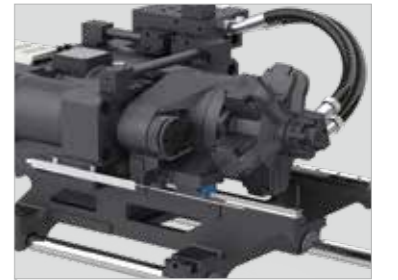
- » 采用高品质的镀铬螺杆前机筒喷嘴，耐腐蚀和抗沾粘性能更佳；
- » 根据原料配方和制品要求匹配最适合的塑化件，保证更优的产品质量；
- » 针对硬质PVC预塑负载大的特点，配备优选的高扭矩马达，稳定更耐用；
- » 配备智能开合模功能，简化操作，提高精度；
- » 配备注射全闭环功能，提高注射精度；
- » 配备J6卡，方便实现自动化；
- » 可选配海天标准加宽防护门，专为管件模具设计，方便客户安装模具。



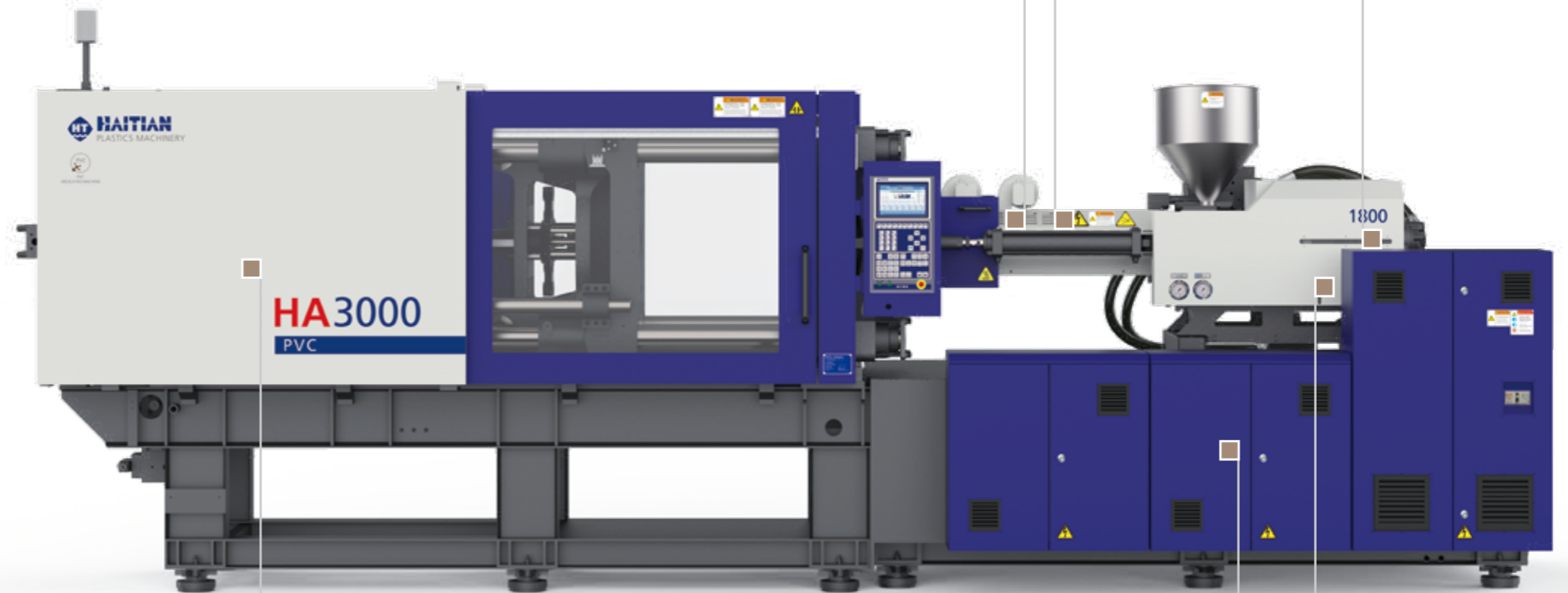
高匹配性的塑化件
根据原料配方和制品要求匹配最适合的塑化件，保证更优的产品质量



精准的料筒温控系统
针对PVC加工成型温度范围比较窄的特点，料筒配置风冷温控系统，提高料筒温控精度



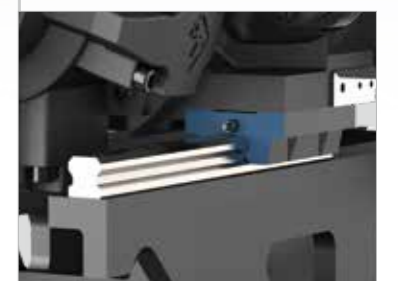
马达加大
马达加大，配备优选的低速高扭矩马达，稳定更耐用；



智能开合模
更简便的操作、更加精准的重复定位精度，更快的干周期



高驱力伺服动力
全新高驱力伺服动力系统，实现高动态、高响应能力



注射线轨
摩擦系数低，精度高，能耗低

PVC行业应用



应用案例1

生产机型: HA4500/2950B
产品: UPVC三通管件
穴数: 1出2
总克重: 1073g



应用案例2

生产机型: HA2500/1000B
产品: CPVC法兰
穴数: 1出1
总克重: 725g
*选配CPVC选配项



应用案例3

生产机型: HA6550/4550B
产品: PE直接头
穴数: 1出4
总克重: 1450g
*选配PE/PPR选配项



应用案例4

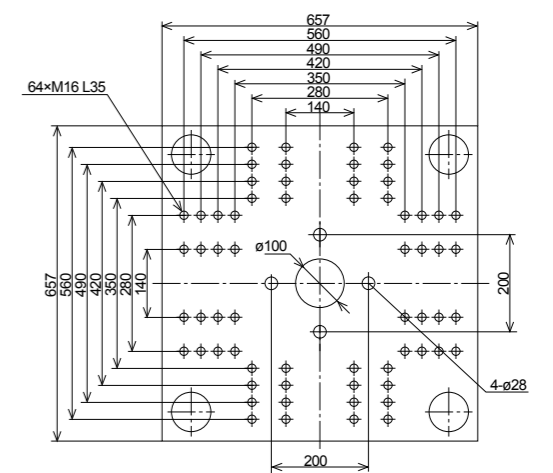
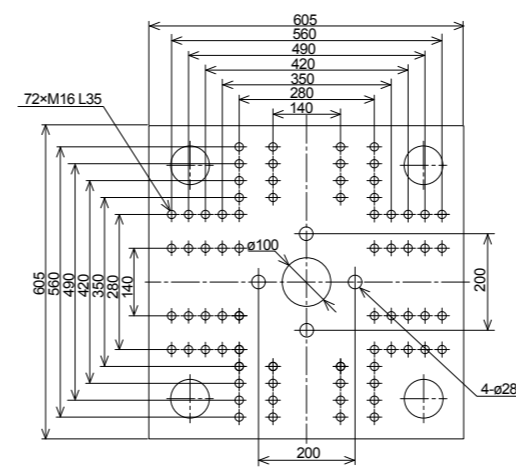
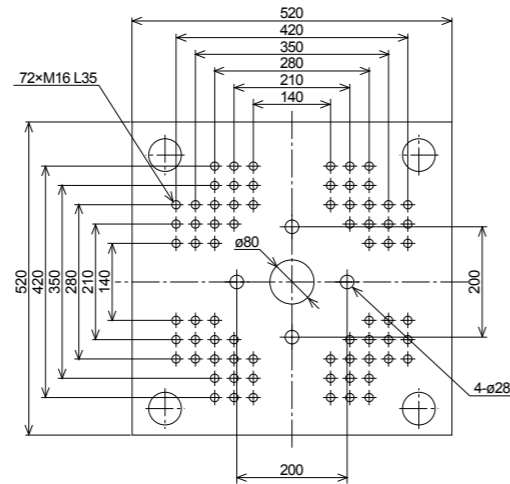
生产机型: HA10000/7950B
产品: PPR直接头
穴数: 1出8
总克重: 2830g
*选配PE/PPR选配项



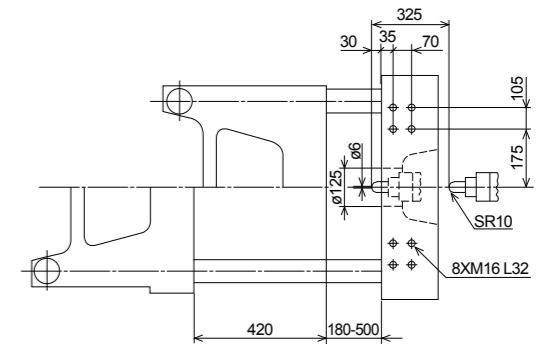
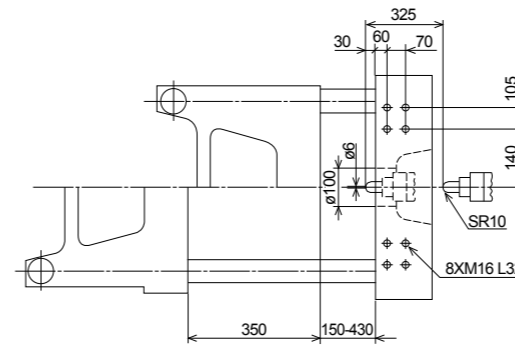
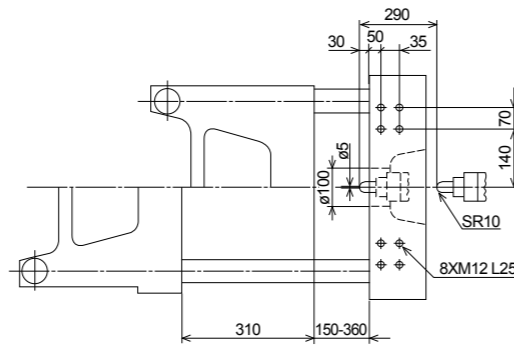
PVC行业专机 HA/PVC (860-1600 kN)

			HA860/280PVC		HA1200/400PVC		HA1600/570PVC	
注射装置	INJECTION UNIT		B	C	B	C	B	C
螺杆直径	Screw diameter	mm	36	40	40	45	45	50
螺杆长径比	Screw L/D ratio	L/D	22.5	22	22.9	22	21.3	22
理论注射容量	Injection volume (theoretical)	cm ³	152	188	213	270	319	394
注射重量 (PVC)	Injection weight (PVC)	g	182	226	256	324	383	473
注射速率 (PVC)	Injection rate (PVC)	g/s	113	140	124	157	164	203
注射压力	Injection pressure	MPa	187	151	187	147	178	145
螺杆转速	Screw speed	rpm	210	175	190	145	185	122
合模装置	CLAMPING UNIT							
锁模力	Clamping force	kN	860		1200		1600	
移模行程	Mold opening stroke	mm	310		350		420	
拉杆内间距	Dist. between tie bars (HxV)	mm	360x360		410x410		470x470	
最大模厚	Mold height max.	mm	360		430		500	
最小模厚	Mold height min.	mm	150		150		180	
顶出行程	Ejector stroke	mm	100		120		140	
顶出力	Ejector tonnage	kN	33		33		33	
其他	OTHERS							
油泵马达	Pump motor power	kW	13		13		18.5	
电热功率	Heater power	kW	5.2	5.7	10.6	11.4	10.6	12.2
外型尺寸	Machine dimension (LxWxH)	m	4.11x1.2x1.8		4.60x1.2x1.8		5.1x1.3x1.90	
机器重量	Machine weight	t	3		4.1		4.9	
料斗容积 (选配)	Hopper capacity	kg	25		25		50	
油箱容积	Oil tank	l	130		160		185	

模板正面尺寸
Platen dimensions
Moving platen



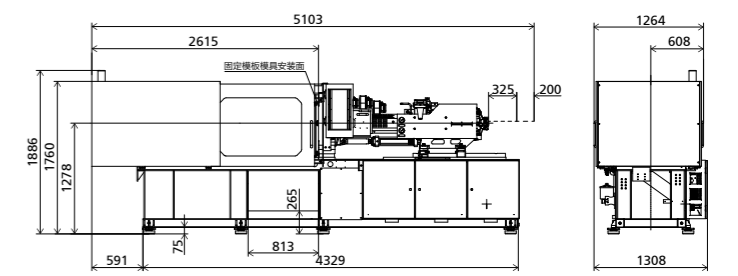
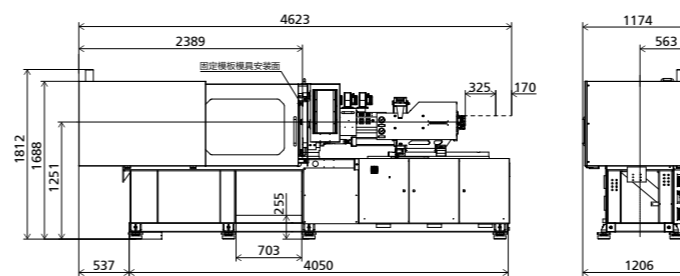
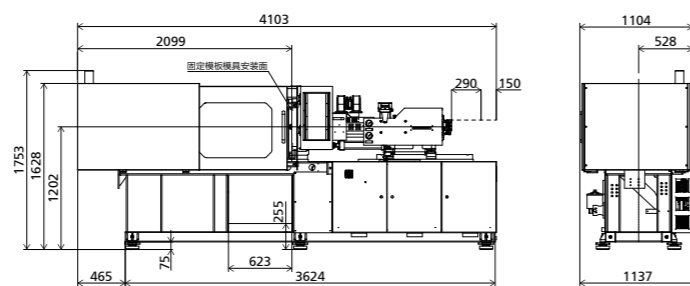
模板侧面尺寸
Platen dimensions
Mounting hole for robot/sprue picker top view from fixed platen



外型尺寸
Machine dimensions

注: ① “()” 内数据为 C 型螺杆的尺寸
Note: ① Value in “()” is the size of C screw

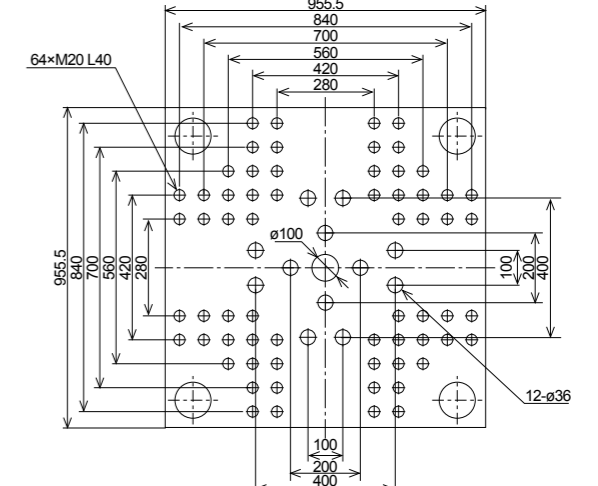
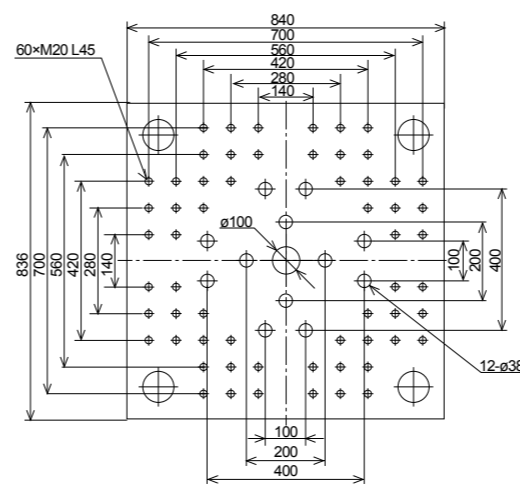
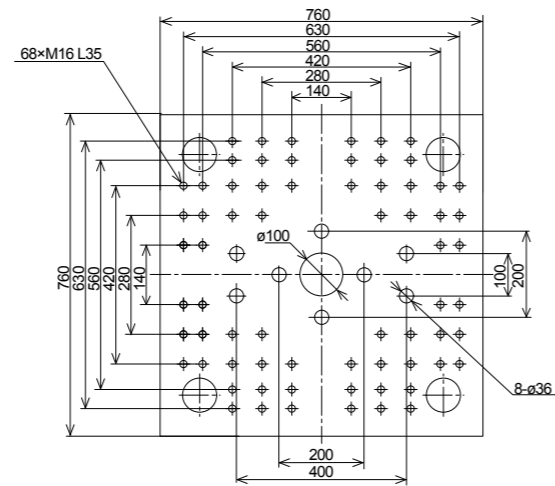
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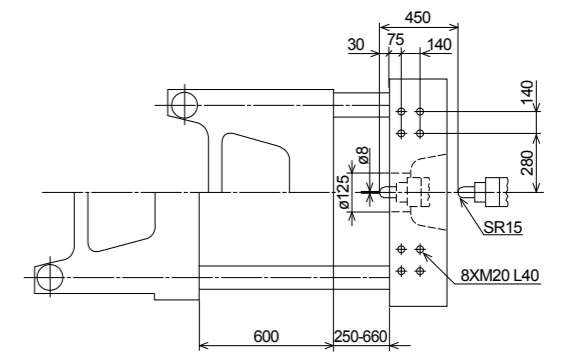
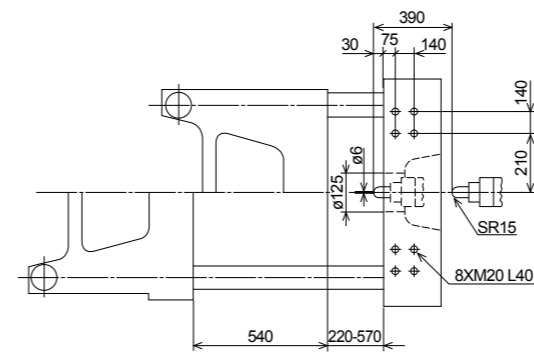
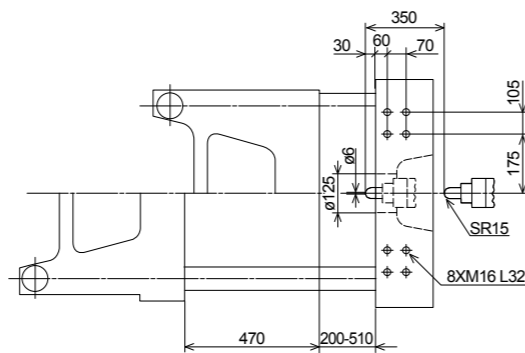
PVC行业专机 HA/PVC (2000-3000 kN)

			HA2000/770PVC		HA2500/1000PVC		HA3000/1800PVC	
注射装置	INJECTION UNIT		B	C	B	C	B	C
螺杆直径	Screw diameter	mm	50	55	55	60	65	70
螺杆长径比	Screw L/D ratio	L/D	22.1	22	21.9	22	21.5	22
理论注射容量	Injection volume (theoretical)	cm ³	451	546	601	715	995	1154
注射重量 (PVC)	Injection weight (PVC)	g	541	655	721	858	1194	1385
注射速率 (PVC)	Injection rate (PVC)	g/s	193	234	241	287	296	343
注射压力	Injection pressure	MPa	172	142	176	148	181	155
螺杆转速	Screw speed	rpm	140	120	150	135	120	102
合模装置	CLAMPING UNIT							
锁模力	Clamping force	kN	2000		2500		3000	
移模行程	Mold opening stroke	mm	470		540		600	
拉杆内间距	Dist. between tie bars (HxV)	mm	510x510		570x570		660x660	
最大模厚	Mold height max.	mm	510		570		660	
最小模厚	Mold height min.	mm	200		220		250	
顶出行程	Ejector stroke	mm	140		150		160	
顶出力	Ejector tonnage	kN	62		62		62	
其他	OTHERS							
油泵马达	Pump motor power	kW	18.5		22		32	
电热功率	Heater power	kW	11.3	13.5	13.6	14.7	17.3	18.5
外型尺寸	Machine dimension (LxWxH)	m	5.6x1.4x2.0		6.3x1.5x2.1		6.8x1.80x2.4	
机器重量	Machine weight	t	6.3		7.8		11.3	
料斗容积 (选配)	Hopper capacity	kg	50		50		50	
油箱容积	Oil tank	l	235		270		420	

模板正面尺寸
Platen dimensions
Moving platen



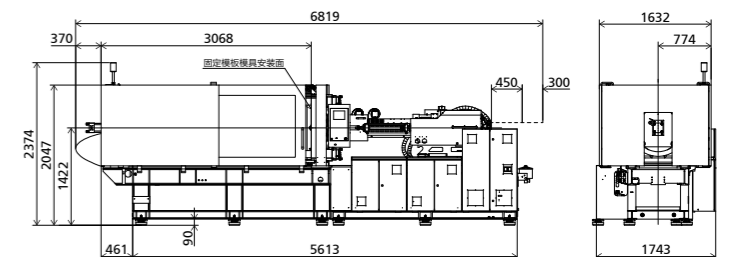
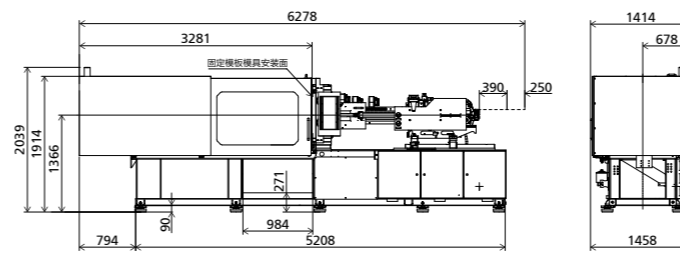
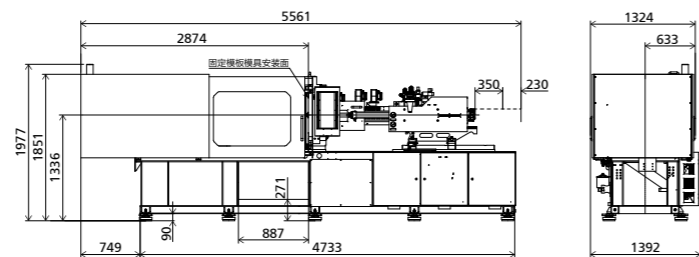
模板侧面尺寸
Platen dimensions
Mounting hole for robot/sprue picker top view from fixed platen



外型尺寸
Machine dimensions

注: ① “()” 内数据为 C 型螺杆的尺寸
Note: ① Value in “()” is the size of C screw

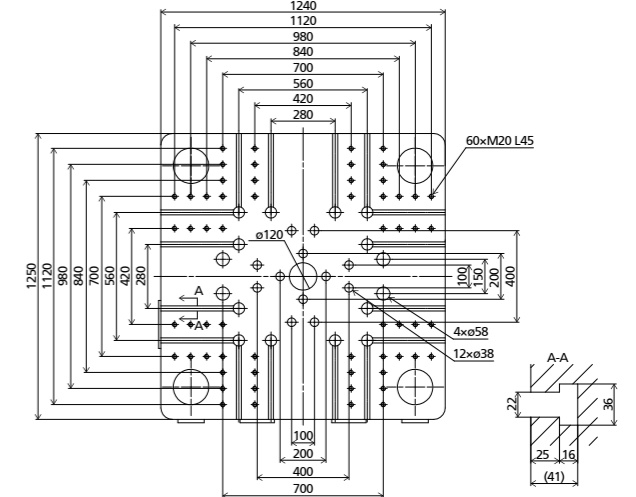
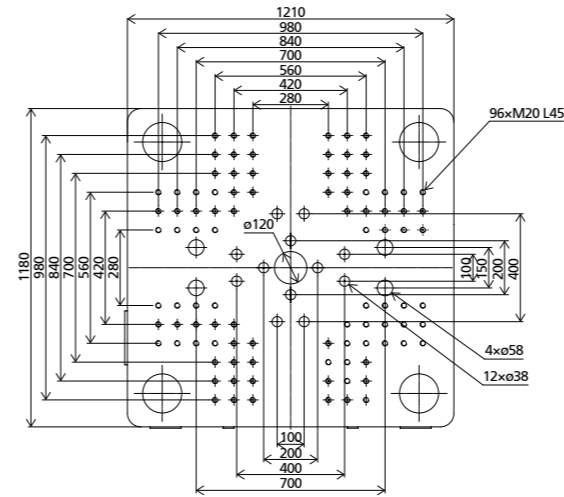
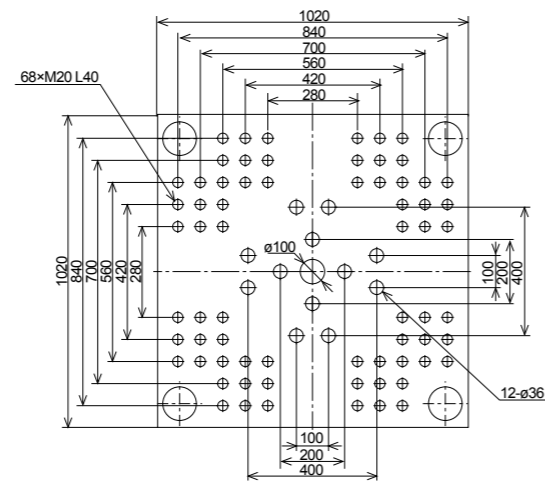
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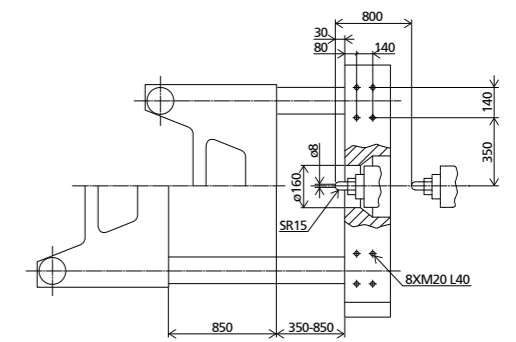
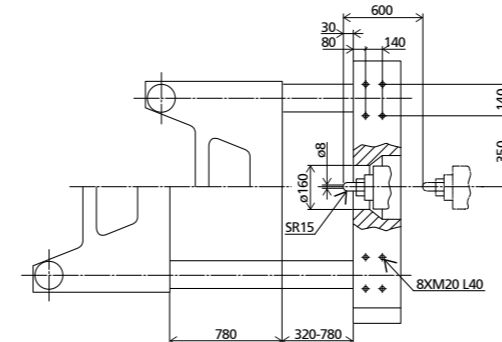
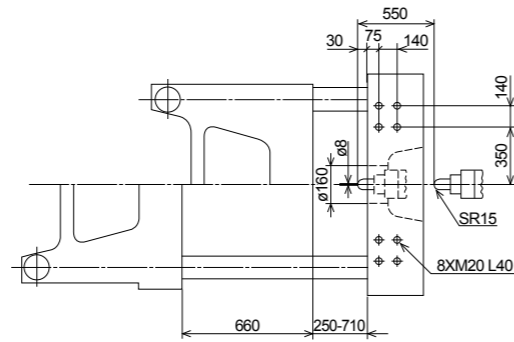
PVC行业专机 HA/PVC (3600-5300 kN)

			HA3600/2250PVC		HA4700/3200PVC		HA5300/4000PVC	
注射装置	INJECTION UNIT		B	C	B	C	B	C
螺杆直径	Screw diameter	mm	70	80	80	90	85	90
螺杆长径比	Screw L/D ratio	L/D	21.6	22	21	22	20	20
理论注射容量	Injection volume (theoretical)	cm ³	1239	1618	1859	2353	2496	2799
注射重量 (PVC)	Injection weight (PVC)	g	1487	1942	2231	2824	2995	3359
注射速率 (PVC)	Injection rate (PVC)	g/s	383	500	490	620	554	621
注射压力	Injection pressure	MPa	176	135	173	137	176	157
螺杆转速	Screw speed	rpm	130	102	130	82	82	82
合模装置	CLAMPING UNIT							
锁模力	Clamping force	kN	3600		4700		5300	
移模行程	Mold opening stroke	mm	660		780		850	
拉杆内间距	Dist. between tie bars (HxV)	mm	710x710		820x800		840x830	
最大模厚	Mold height max.	mm	710		780		850	
最小模厚	Mold height min.	mm	250		320		350	
顶出行程	Ejector stroke	mm	160		200		220	
顶出力	Ejector tonnage	kN	110		110		158	
其他	OTHERS							
油泵马达	Pump motor power	kW	37		45		55	
电热功率	Heater power	kW	21.3	25.2	27.6	35.1	33	33
外型尺寸	Machine dimension (LxWxH)	m	7.5x1.8x2.4		8.5x2.0x2.6		9.0x2.1x2.5	
机器重量	Machine weight	t	14.7		18.8		23	
料斗容积 (选配)	Hopper capacity	kg	50		50		100	
油箱容积	Oil tank	l	510		630		780	

模板正面尺寸
Platen dimensions
Moving platen



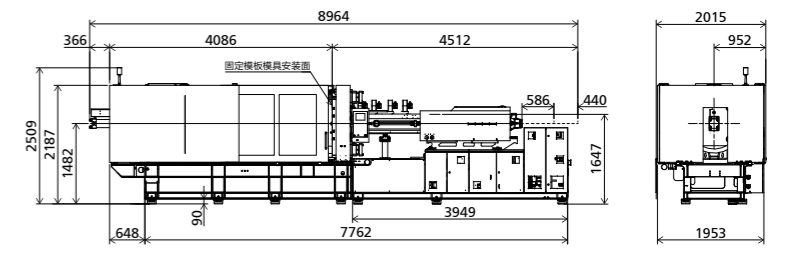
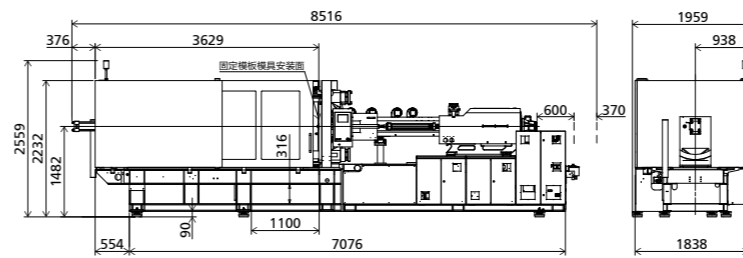
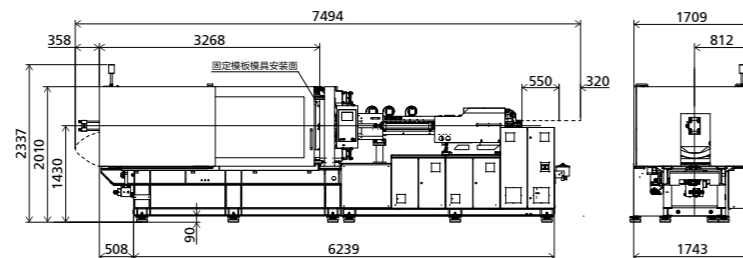
模板侧面尺寸
Platen dimensions
Mounting hole for robot/sprue picker top view from fixed platen



外型尺寸
Machine dimensions

注: ① “()” 内数据为 C 型螺杆的尺寸
Note: ① Value in “()” is the size of C screw

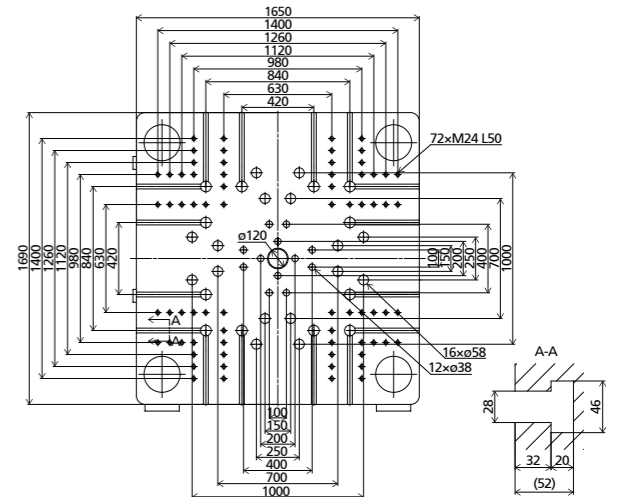
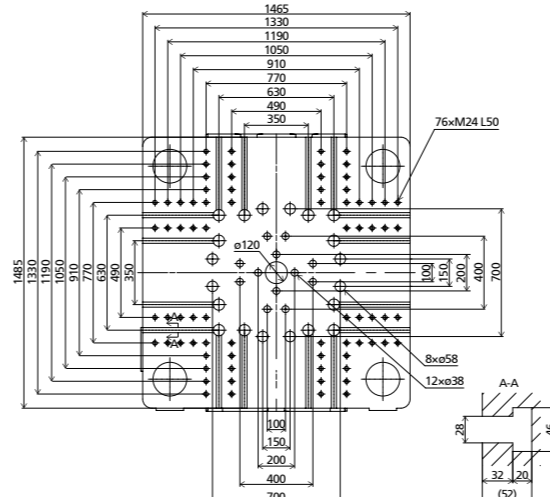
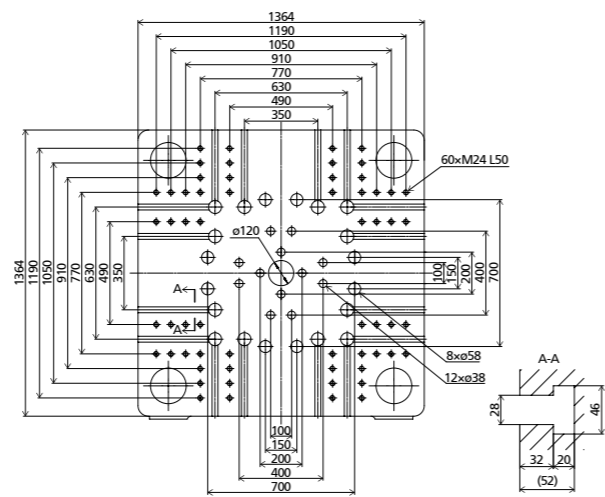
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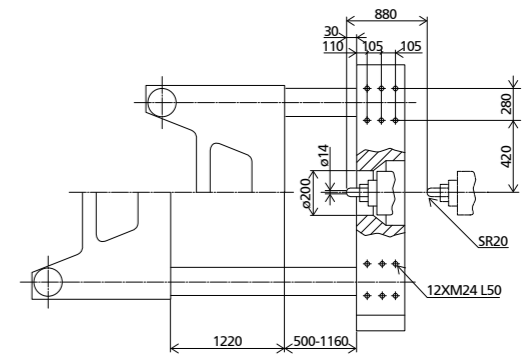
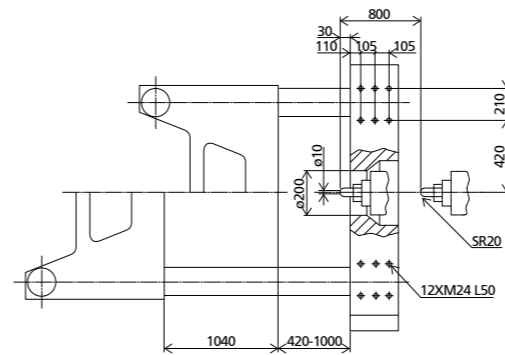
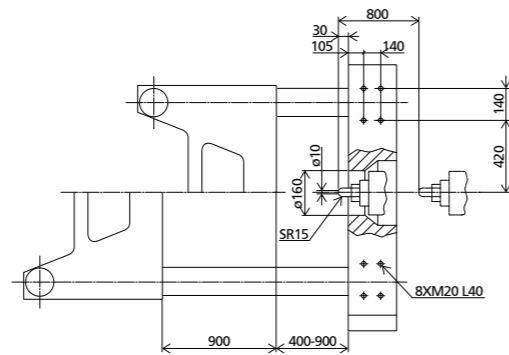
PVC行业专机 HA/PVC (6500-10000 kN)

			HA6500/4550PVC		HA8000/6350PVC		HA10000 /7950PVC	
注射装置	INJECTION UNIT		B	C	B	C	B	C
螺杆直径	Screw diameter	mm	90	100	100	110	110	120
螺杆长径比	Screw L/D ratio	L/D	20	20	20	20	20	20
理论注射容量	Injection volume (theoretical)	cm ³	2799	3455	3455	4181	4561	5428
注射重量 (PVC)	Injection weight (PVC)	g	3359	4146	4146	5017	5473	6514
注射速率 (PVC)	Injection rate (PVC)	g/s	667	824	700	847	897	1067
注射压力	Injection pressure	MPa	178	144	182	150	179	151
螺杆转速	Screw speed	rpm	100	78	102	71	86	70
合模装置	CLAMPING UNIT							
锁模力	Clamping force	kN	6500		8000		10000	
移模行程	Mold opening stroke	mm	900		1040		1220	
拉杆内间距	Dist. between tie bars (HxV)	mm	920x920		1000x1000		1160x1160	
最大模厚	Mold height max.	mm	900		1000		1160	
最小模厚	Mold height min.	mm	400		420		500	
顶出行程	Ejector stroke	mm	260		280		320	
顶出力	Ejector tonnage	kN	186		186		215	
其他	OTHERS							
油泵马达	Pump motor power	kW		65		75		65+37
电热功率	Heater power	kW	37.6	42.7	48.2	52.8	54.8	60.2
外型尺寸	Machine dimension (LxWxH)	m	10x2.2x2.7		11x2.3x2.7		11.8x2.5x2.9	
机器重量	Machine weight	t	30.2		36		47.5	
料斗容积 (选配)	Hopper capacity	kg	100		100		100	
油箱容积	Oil tank	l	800		1000		1150	

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



外型尺寸
Machine dimensions

注：①“()”内数据为C型螺杆的尺寸
Note: ① Value in “()” is the size of C screw

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