



# PVC专业解决方案供应商

## Professional Supplier For PVC Solution



### ● 性能特点 Features

- 较传统变量泵系统机型节能 30% 以上 (伺服系列)
- AC 伺服马达实现流畅低速动作控制 (伺服系列)
- 流量及压力双闭环控制，大大提高制品重复精度
- 伺服驱动液泵，低压及低流量操作表现尤其出色及稳定
- PVC 粉料专用螺杆具有超强抗腐蚀性，且确保粉料塑化均衡
- 加宽挡门，两组抽芯以适合各类 PVC 制品抽芯要求

- 30% more energy saving than machine models with traditional variable displacement pump (Se Series)
- AC servo motor actualizes machines stability even under low-velocity (Se Series)
- Both closed on speed and pressure, enhances product weight repeatability
- Servo-driven pump, excellent performance and high stability on low pressure and low speed condition
- Injection screw especially for PVC powder moulding application with high anti-corrosion resistant and perfect plasticizing
- Wider span between moulding area movable door, two sets core pulling suitable for variety PVC moulding.

	90PVC-Se-	130PVC-Se-	160PVC-Se-	190PVC-Se-	260PVC-Se-	320PVC-Se-	380PVC-Se-
螺杆直径	40	45	45	50	55	60	65
理论射胶容积	235	297	235	408	456	551	603
射胶量(PVC)	282	357	282	397	490	547	661
射胶量(PVC)	10.0	12.6	10.0	17.3	19.3	23.4	25.6
螺杆长度	22.0	20.0	21.8	20.0	21.7	20.0	21.6
螺杆长度比	230	181	230	181	218	180	212
射胶压力	75	95	89	113	114	141	147
射胶速率	187	208	232	254	278	328	347
射胶行程	0-150	0-180	0-170	0-140	0-145	0-139	0-130
螺杆转速	3.6	5.7	5.7	8.9	8.9	8.9	11.7
射台拉力	235	300	320	360	400	450	435
射台行程	90	130	160	190	260	320	380
锁模力	680	820	906	1000	1130	1275	1450
模板最大间距	320	410	446	490	550	615	710
模板行程	360x360	410x410	460x460	510x510	580x580	660x660	740x740
四柱间距	250x250	280x280	320x320	350x350	400x400	460x460	510x510
最小模具尺寸	150-360	150-410	150-460	175-510	200-580	250-660	250-740
容模量	4	4	4.8	4.8	6.5	6.5	10.8
顶杆力	85	100	130	140	180	180	200
顶杆行程	5	5	5	9	13	13	13
顶杆射胶行程	11.8	15.7	16	23	32	37.7	46.1
系统压力	17	17	17	17	17	17	17
油源容量	61	72	90	113	172	176	220
加热区	4+1	4+1	4+1	4+1	5+1	5+1	5+1
单热功率	8.68	8.88	12	14.05	15.9	19.79	22.95
总功率	21.48	25.38	29	38.05	48.9	58.49	70.05
总电流	29.4	34.7	39.7	52.0	66.9	80.0	95.8
净重	3.13	4.15	5.29	6.53	8.2	10.8	14.4
注油量	140	160	290	310	430	520	570

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### 低速稳定 Low-velocity stability

压力及流量闭环控制, 在低压及低流量操作中表现尤其出色, 射胶速度在小于 1mm/sec 时无爬行, 脉冲, 稳定性高。

系统可按实际产品工艺要求, 任意设定压力及流量, 避免多余热量产生, 油温相对传统注塑机稳定。

System pressure and flow are closed loop control and with excellent performance under low pressure and low speed operation environment.

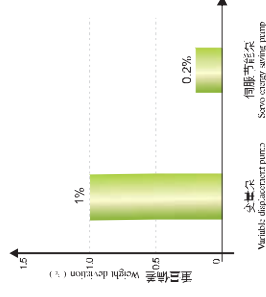
No crawling and pulsating happens, high stability even injection speed less than 1mm/s. System permits freely setting on speed and pressure according to moulding characteristic in order not to generate any extra heat on hydraulic oil that causes instability problem in traditional injection moulding machine.

	450PVC-Se-	500PVC-Se-	560PVC-Se-	660PVC-Se-	750PVC-Se-	850PVC-Se-	1000PVC-Se-	1250PVC-Se-	1500PVC-Se-	1800PVC-Se-
80	85	80	85	90	95	100	100	110	125	135
1860	2100	1940	2190	2799	3119	3691	3691	4657	6835	9232
2232	2519	2328	2628	3359	3743	4430	4430	5588	8203	11079
78.9	89.0	82.3	92.9	118.7	132.2	157	157	197	290	391
21.5	20.0	22.0	20.9	21.9	20.7	22.0	22.0	22.0	22.0	22.0
191	169	209	185	204	183	171	171	173	180	187
407	460	372	421	535	596	706	706	787	859	810
370	386	440	440	440	440	470	470	490	557	645
0-130	0-118	0-130	0-118	0-120	0-105	0-81	0-81	0-71	0-60	0-43
11.7	11.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	28.8
480	500	500	600	600	600	600	600	650	800	800
450	500	560	660	660	750	850	1000	1250	1500	1800
1560	1640	1730	1830	2050	2200	2200	2300	2600	2900	3000
740	820	880	910	1025	1100	1100	1150	1300	1500	1500
780x780	825 x 825	860 x 840	920x920	1000x1000	1060x1060	1100x1100	1250x1250	1400x1400	1600x1400	1600x1400
540x540	570x570	600x590	645x645	700x700	740x740	780x780	875x875	980x980	1100x980	1100x980
300-820	300-820	350-850	350-920	350-1025	450-1100	450-1150	500-1300	600-1400	700-1500	700-1500
13.4	13.4	13.4	13.4	13.4	25	25	25	25	33	33
250	250	250	300	300	350	350	350	350	350	360
13	13	13	17	21	21	21	21	21	33	33
56.5	57	79.5	79.5	79.5	83.8	83.8	84.2	112	112	131.9
17	17	17	17	17	17	17	17	17	17	17
275	275	385	385	385	440	440	495	550	550	715
5+1	5+1	5+1	5+1	5+1	5+1	5+1	5+1	5+1	5+1	5+1
31.1	31.1	39.7	39.7	39.7	48	48	56	72	90	90
86.6	88.6	120.2	120.2	120.2	132.8	132.8	151.2	185	203	222.9
121.2	121.2	146.1	146.1	146.1	161.4	161.4	183.8	224.9	246.7	270.9
17.5	19.5	23	26	26	39.1	43.0	52.0	68.2	100.0	125.0
620	740	1100	1100	1100	1500	1500	1600	1600	2000	2000

### 高注塑重复精度 High repeatability on moulding

采用伺服控制系统, 射胶压力及流量闭环实时控制, 伺服系统稳定性及重复精度高, 提高产品成型质量。

Result from the adoption of servo-system, the injection pressure and speed are real time closed loop control. High stability and repeatability of servo system enhance plastic processing quality.



# PVC配备变量泵参数表

## PVC Series with Variable Displacement Pump

为PVC注塑而生  
Special Inject for PVC

	90PVC	130PVC	160PVC	190PVC	260PVC	320PVC	380PVC
螺杆直径 Screw diameter	40	45	45	50	55	60	65
理论射胶容积 Theoretical shot volume	235	297	331	408	456	551	603
射胶重(PVC) Shot weight (PVC)	282	357	397	490	547	661	724
射胶重(PVC) Shot weight (PVC)	62	10.0	12.6	14.0	17.3	19.3	23.4
螺杆长径比 Length/diameter ratio	22.0	20.0	20.0	21.8	20.0	21.7	20.0
射胶压力 Injection pressure	216	171	216	170	205	169	200
射胶速率 Injection rate	67	84	81	103	127	134	162
射胶行程 Injection stroke	187	187	208	292	254	278	278
螺杆转速 screw speed	0-135	0-165	0-155	0-130	0-140	0-134	0-120
机身拉力 Injection unit force	3.4	5.3	5.3	5.3	8.4	8.4	11.1
机身行程 Carriage stroke	255	300	320	360	400	450	435
夹紧力 Clamping force	90	130	160	190	260	320	380
爆破最大扭矩 Max. output light	680	820	906	1000	1130	1275	1450
射胶行程 Injection stroke	320	410	446	490	550	615	710
四柱间距 Distance between Tie Bars	360x360	410x410	460x460	510x510	580x580	660x660	740x740
最小模具尺寸 Min. mold dimension	250x250	280x280	320x320	350x350	400x400	460x460	510x510
模厚范围 Mold thickness range	150-380	150-410	150-460	175-510	200-580	250-660	250-740
顶针力 Ejector force	4	4	4.8	4.8	6.5	6.5	10.8
顶针行程 Ejector stroke	85	100	130	140	160	180	200
顶针数 No. of ejector pins	5	5	5	5	9	13	13
马达功率 Major motor	7.5	11	15	18.5	22	30	37
系统压力 System pressure	16	16	16	16	16	16	16
液压流量 Hydraulic pump capacity	54	66	81	103	145	174	210
加热区 No. of heater zones	4+1	4+1	4+1	4+1	5+1	5+1	5+1
电热功率 Heater input power	8.68	8.68	12	14.05	15.9	19.79	22.95
总功率 Ultimate capacity	17.18	20.68	28	33.55	38.9	50.79	60.95
总电流 Current	A	26.1	31.4	42.5	51.0	59.1	77.2
净重 Weight	ton	3.13	4.15	5.29	6.53	8.2	10.8
油容量 Oil filling capacity	L	140	160	290	310	430	520

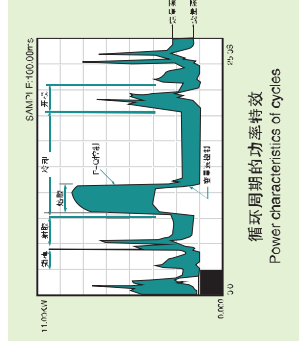
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### 低能耗 Low Energy Consumption

变量泵与标准定量泵的主要区别是输出功率不同，变量泵的输出功率是随负载的变化而变化，而定量泵的输出功率相对恒定，在小流量动作情况下，变量泵的输出功率很低，而定量泵的输出功率基本恒定。从图中可看出，特别在射胶工序、熔胶、冷却工序的节能效果较好，平均可达30-50%的节能效果。对射胶保压时间较长的厚壁或大型制品，节能优越性更加明显。

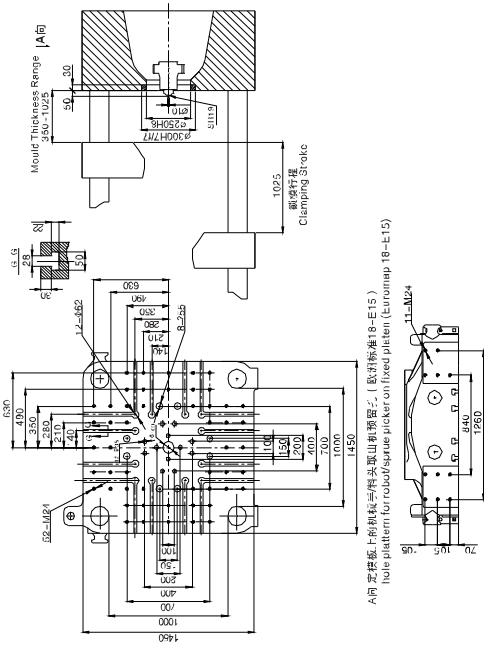
The variable displacement pump surpasses conventional fixed vane pump in terms of energy consumption. Output of the variable displacement pump varies according to load requirement and flow rate, whereas output of fixed vane pump is constant. According to the analysis in the graph, the average reduction of electricity consumption is 30% - 50% compared to conventional fixed vane pumps. This feature implies undisputable benefits in today's cost conscious and environmentally aware world that we live in.

	450PVC	500PVC	560PVC	660PVC	750PVC	850PVC	1000PVC	1250PVC	1500PVC	1800PVC
螺杆直径 Screw diameter	80	85	85	90	95	100	110	125	135	145
理论射胶容积 Theoretical shot volume	1860	2100	1940	2190	2799	3119	3691	4657	6835	10651
射胶重(PVC) Shot weight (PVC)	2232	2519	2328	2628	3359	3743	4430	5588	8203	12781
射胶重(PVC) Shot weight (PVC)	78.9	89.0	82.3	92.9	118.7	132.2	157	197	290	391
螺杆长径比 Length/diameter ratio	21.5	20.0	22.0	20.9	21.9	20.7	21.9	20.7	22.0	22.0
射胶压力 Injection pressure	180	159	197	174	192	172	161	163	170	152
射胶速率 Injection rate	387	437	354	399	424	472	707	770	911	880
射胶行程 Injection stroke	370	386	440	440	470	470	490	490	557	645
螺杆转速 screw speed	0-120	0-109	0-120	0-95	0-80	0-81	0-81	0-70	0-64	0-49
机身拉力 Injection unit force	11.1	11.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	27.1
机身行程 Carriage stroke	480	500	600	600	600	600	650	800	800	850
夹紧力 Clamping force	450	500	560	660	750	850	1000	1250	1500	1800
爆破最大扭矩 Max. output light	1560	1640	1730	1830	2050	2200	2300	2600	2900	3000
射胶行程 Injection stroke	740	820	880	910	1025	1100	1150	1300	1500	1500
四柱间距 Distance between Tie Bars	780x780	825x825	860x840	920x920	1000x1000	1060x1060	1100x1100	1250x1250	1400x1400	1600x1400
最小模具尺寸 Min. mold dimension	540x540	570x570	600x590	645x645	700x700	740x740	780x780	875x875	980x980	1100x980
模厚范围 Mold thickness range	300-820	300-820	350-850	350-920	350-1025	450-1100	450-1150	500-1300	600-1400	700-1500
顶针力 Ejector force	13.4	12.6	12.6	13.4	25	25	25	25	25	33
顶针行程 Ejector stroke	250	250	250	300	350	350	350	350	350	380
顶针数 No. of ejector pins	13	13	17	21	21	21	21	21	21	33
马达功率 Major motor	45	45	55	55	74	74	90	110	110	150
系统压力 System pressure	16	16	16	16	16	16	16	16	16	16
液压流量 Hydraulic pump capacity	261	261	305	305	441	441	484	597	597	751
加热区 No. of heater zones	5+1	5+1	5+1	5+1	5+1	5+1	5+1	5+1	5+1	5+1
电热功率 Heater input power	31.1	31.1	39.7	39.7	48	48	56	72	90	90
总功率 Ultimate capacity	77.1	77.1	95.7	95.7	123	123	147	183	201	241
总电流 Current	117.1	117.1	145.4	145.4	205.6	205.6	245.7	305.9	335.9	402.8
净重 Weight	17.5	19.5	23	26	39.1	43.0	52.0	68.2	100.0	125.0
油容量 Oil filling capacity	620	740	1100	1100	1600	1600	1700	1700	2100	2100

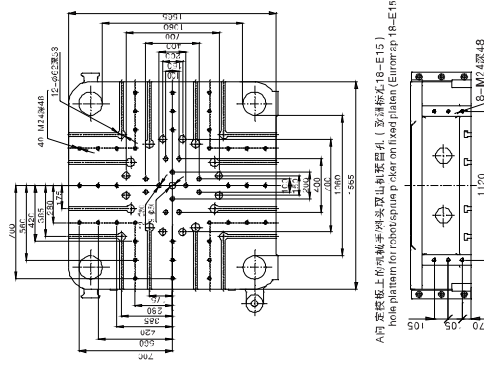




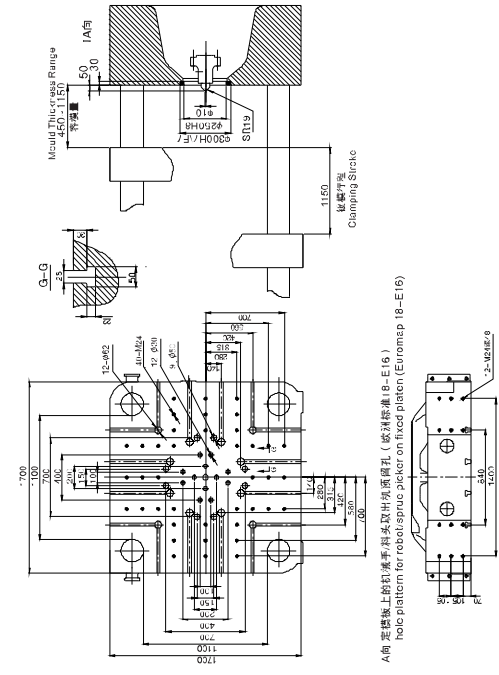
750PVC/PVC-Sell



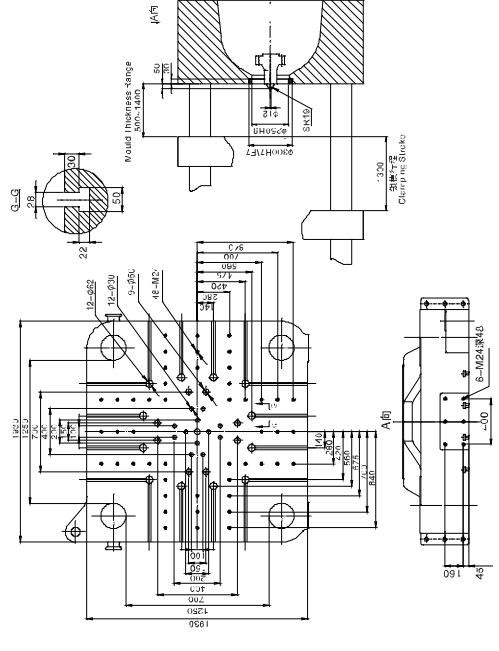
850PVC/PVC-Sell



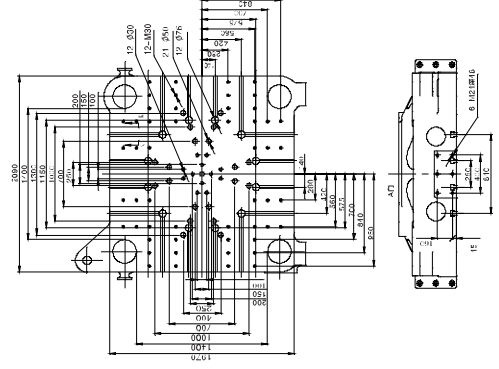
1000PVC/PVC-Sell



1250PVC/PVC-Sell



1500PVC/PVC-Sell



1800PVC/PVC-Sell

