



MACHINERY



ALS伺服系列精密注塑机



■ 伺服节能注塑机，输出功率随负载变化而变化，不存在多余的浪费。冷却末端电机不工作，耗电为0，伺服节能注塑机相比传统注塑机可以节省60%-80%，给您带来真正的省电享受，经济效益显著。



■ Servo energy-saving injection molding machine, the output power changes with the load, there is no unnecessary waste. Compared with the traditional injection molding machine, the Servo energy-saving injection molding machine can save 60%-80%, which brings you real power-saving enjoyment and significant economic benefits.

伺服电机的响应特性

■ 由于采用高响应伺服电机与内啮合齿轮泵动力系统，注塑机达到最大输出量仅需0.05s，相比传统液压注塑机响应速度明显加快，有效缩短周期，提高生产率。

Response Characteristics of Servo Motor

■ Due to the high response Servo Motor and internal gear pump power system, the maximum output of the injection molding machine is only 0.05s. compared with the traditional hydraulic injection molding machine, the response speed is significantly faster, the cycle is effectively shortened and the productivity is increased.

低噪音低油耗

■ 与传统机器的定量泵系统、变量泵系统对比，在绝大部分工况下噪音低1/10，使工作环境更加舒适。
■ 油温的降低，大大延长密封件的使用寿命，油液清洁系统可以快速有效的过滤油污，确保液压件的使用寿命。

Quick reponse

■ Compared with the quantitative pump system and variable displacement pump system of traditional machines, the noise is 1/10 lower in most working conditions, which makes the working environment more comfortable.
■ With the decrease of oil temperature, the service life of seals is greatly prolonged. The oil cleaning system can quickly and effectively filter oil and ensure the service life of hydraulic parts.

低速及连续保压性能优异

■ 低速运行稳定，速度转换平滑。
■ 微低速成型，可满足特殊产品的特殊要求。
■ 连续保压性能表现出色。

Low speed and wonderful of pressure maintaining

■ Stable operation at low speed, smooth speed conversion.
■ Very low speed forming, can meet the special requirements of special products.
■ Excellent performance of continuous holding pressure.

控制精度高

■ 伺服控制系统的重复精度可达到3%。
■ 相较传统的注塑机，伺服系列注塑机的控制精度大大提高。
■ 重复精度的提升，有效地保证产品的稳定性，减少废品率。

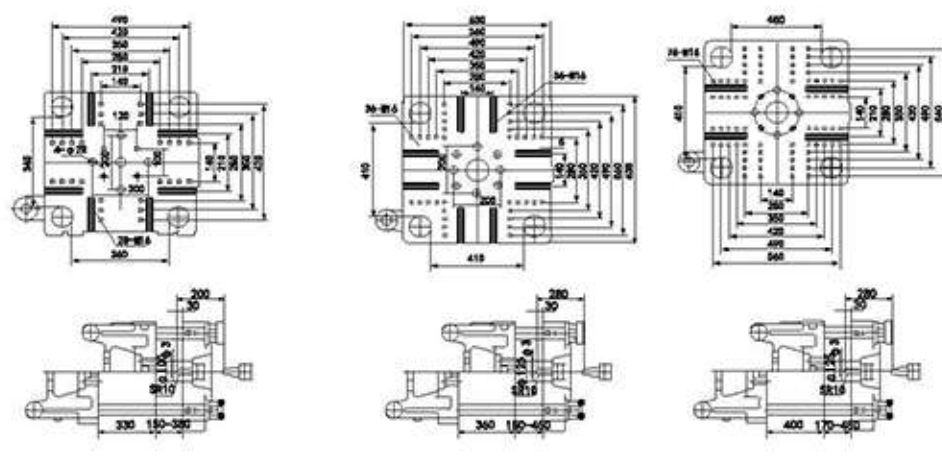
Sophisticated control

■ The repeatability of the Servo control system can reach 3%.
■ Compared with the traditional injection molding machine, the control precision of Servo series injection molding machine is greatly improved.
■ The improvement of repeat precision can effectively guarantee the stability of products and reduce the rate of defective products.

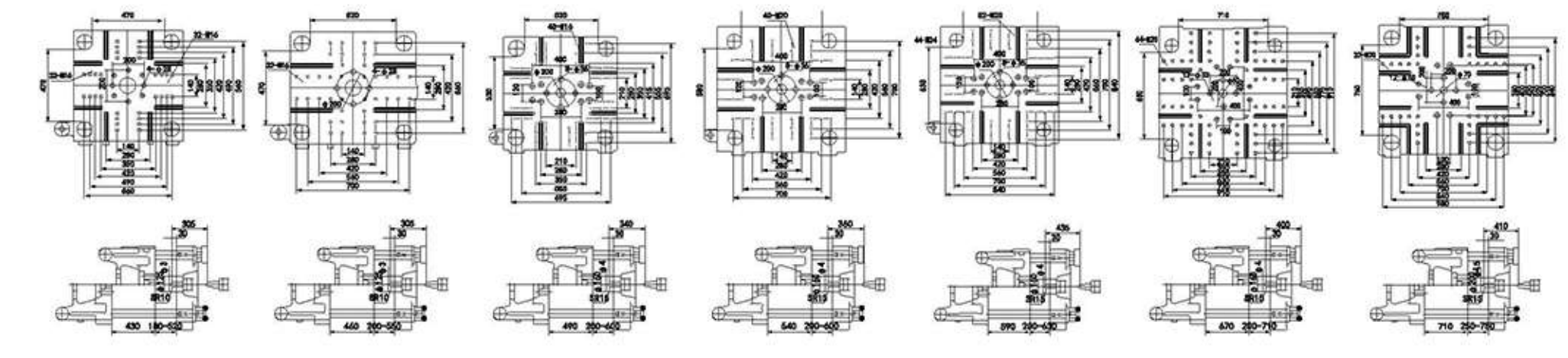
ALS伺服系列精密注塑机

型号	Model	ALS-90			ALS-140			ALS-150				
		A	B	C	A	B	C	A	B	C		
注射装置 Injection device												
螺杆直径	Screw diameter	mm	30	34	38	40	38	40	45	36	40	45
螺杆长径比	Length diameter ratio of screw	LD	25.4	22.4	21.2	19	24.3	21.9	19.5	24.3	21.9	19.5
注射容积(理论)	Injection volume (theory)	cm ³	130	168	198	232	193	240	305	203	253	321
注射重量	Injection weight	g	118	152	171	210	178	218	278	185	230	292
注射压力(最大)	Injection pressure (maximum)	Mpa	245	190	170	140	203	164	130	203	171	130
注射速率	Injection rate	g/s	72	84.3	94.5	115	87	105	128	87	105	128
螺杆转速	Screw speed	r/min	0-220			0-220			0-200			0-200
注射行程	Injection stroke	mm	185			190			200			200
锁模装置 Clamping device												
锁模力	Clamping force	T	90			140			150			150
移模行程	Mold shift stroke	mm	330			390			400			400
拉杆内间距	Distance between pull rods	mm	390*340			410*410			460*410			460*410
最大模厚	Maximum die thickness	mm	380			450			480			480
最小模厚	Minimum die thickness	mm	150			150			170			170
液压顶出行程	Hydraulic ejection stroke	mm	100			120			120			120
液压顶出力	Hydraulic jacking force	KN	33			33			50			50
液压顶出杆数量	Number of hydraulic ejector rods	piece	5			5			5			5
模板开距(最大)	Formwork opening distance (maximum)	mm	710			810			880			880
其他 Others												
油泵压力	Oil pump pressure	MoA	16			16			17.5			17.5
油泵电机功率	Pump motor power	KW	12			18.2			18.2			18.2
加热功率	Heating power	KW	7.9			8.7			9.3			9.3
机器尺寸(长*宽*高)	Machine size(L*W*H)	m	4.1*2*1.8			4.7*1.25*1.85			4.8*1.45*1.91			4.8*1.45*1.91
机器重量(约)	Machine weight (approx)	t	3.2			4.0			4.2			4.2

■ 模板尺寸 Platen dimensions



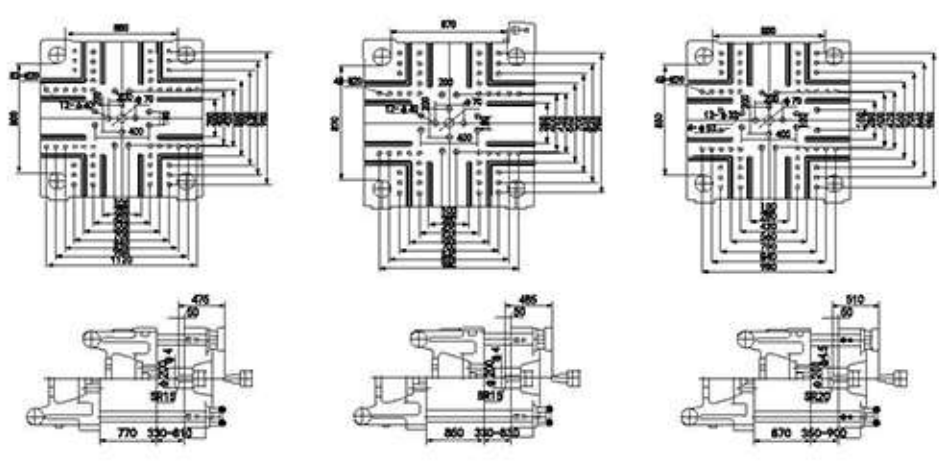
ALS-170	ALS-180	ALS-220	ALS-260	ALS-300	ALS-350	ALS-400		
							A	B
40	45	50	40	45	50	55		
23.2	20.8	18.5	23.2	20.8	18.5	23.8		
289	365	450	312	395	488	415		
263	322	410	284	358	444	377		
216	168	135	138	160	198	160		
138	160	196	216	168	135	124		
0-190	0-220	0-220	0-190	0-170	0-180	0-170		
230	248	280	280	275	285	350		
170	180	220	220	260	300	350		
430	460	490	490	540	590	670		
470*470	520*470	530*530	580*580	630*630	710*630	760*470		
520	550	600	600	630	710	760		
180	200	200	200	200	200	250		
140	140	140	140	150	150	200		
38	50	62	70	70	70	110		
5	5	8	9	9	9	13		
950	1010	1090	1140	1220	1380	1490		
16	17.5	16	16	16	16	16		
23	23	28.3	28.7	36.7	45	45		
12.1	12.3	16	21.4	24.8	24.8	36.4		
5.1*1.3*2.1	5.2*1.45*2.1	5.7*1.80*2.24	6.1*1.60*2.24	6.5*1.81*2.41	7.3*1.8*2.2	7.3*1.96*2.41		
5.6	5.8	7.0	7.5	8.8	12.5	14.2		



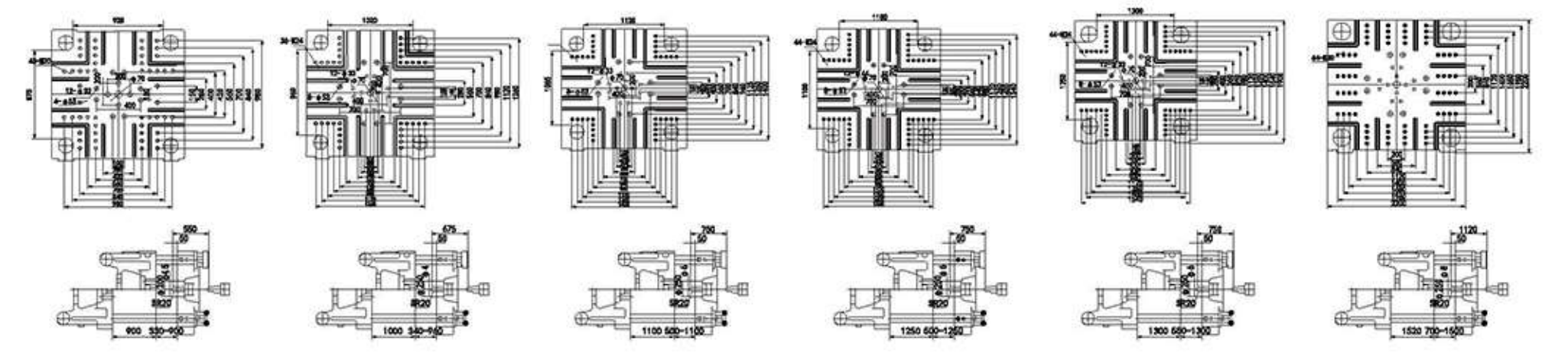
ALS伺服系列精密注塑机

型号	Model	ALS-500				ALS-530				ALS-600				
		A	B	C	D	A	B	C	D	A	B	C	D	
注射装置 Injection device														
螺杆直径	Screw diameter	mm	75	80	85	90	80	85	90	95	100	105	105	
螺杆长径比	Length diameter ratio of screw	LD	23.7	22	20.7	19.5	22.7	21	20	20	19	18	17.2	
注射容积(理论)	Injection volume (theory)	cm ³	1727	1965	2218	2487	2135	2410	2702	2544	2835	3140	3461	
注射重量	Injection weight	g	1560	1788	2018	2286	1943	2194	2459	2315	2580	2850	3148	
注射压力(最大)	Injection pressure (maximum)	Mpa	191	168	148	132	168	148	132	152	162	179	148	
注射速率	Injection rate	g/s	386	442	499	560	409	513	473	542	616	679	748	
螺杆转速	Screw speed	r/min	0-175				0-138				0-130			
注射行程	Injection stroke	mm	390				425				400			
锁模装置 Clamping device														
锁模力	Clamping force	T	500				630				600			
移模行程	Mold shift stroke	mm	770				850				870			
拉杆内间距	Distance between pull rods	mm	820*800				870*820				870*870			
最大模厚	Maximum die thickness	mm	810				830				830			
最小模厚	Minimum die thickness	mm	330				330				350			
液压顶出行程	Hydraulic ejection stroke	mm	240				260				250			
液压顶出力	Hydraulic jacking force	KN	150				150				150			
液压顶出杆数量	Number of hydraulic ejector rods	piece	13				13				17			
模板开距(最大)	Formwork opening distance (maximum)	mm	1580				1680				1770			
其他 Others														
油泵压力	Oil pump pressure	MoA	16				16				16			
油泵电机功率	Pump motor power	KW	18.5-30				35				25-30			
加热功率	Heating power	KW	33				38.8				42.85			
机器尺寸(长*宽*高)	Machine size(L*W*H)	m	7.74*1.89*2.69				8.5*2.2*2.8				9.50*2.24*2.71			
机器重量(约)	Machine weight (approx)	t	21				26				28			

■ 模板尺寸 Platen dimensions



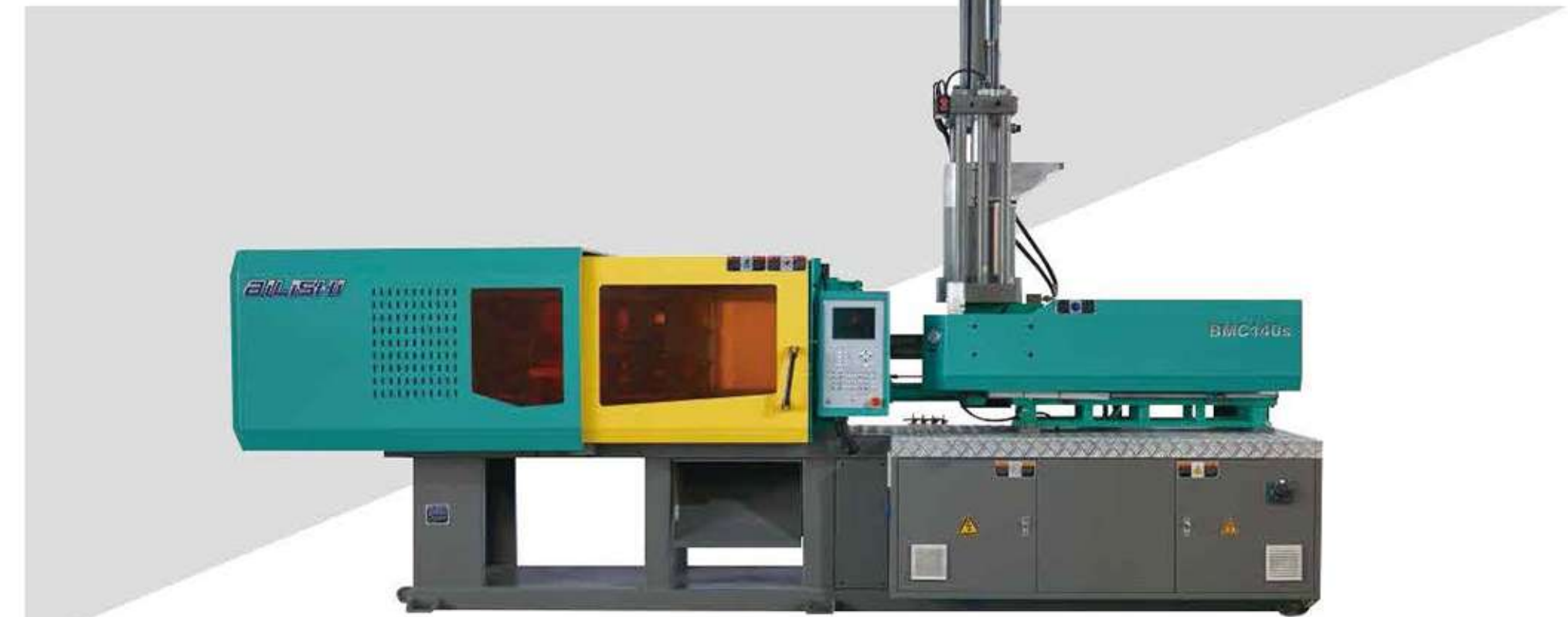
ALS-630	ALS-780	ALS-900	ALS-1180	ALS-1250	ALS-1650						
						A	B	C	D	A	B
90	95	100	90	100	110						
20.4	19.4	18.4	24.4	22	20						
2544	2835	3140	2945	3638	4400						
2315	2580	2858	2680	3308	4003						
184	165	149	228	184	152						
473	600	740	598	667	813						
0-149	0-110	0-110	0-108	0-106	0-100						
400	462	480	480	555	625						
630	780	900	1180	1250	1650						
900	1000	1100	1250	1300	1620						
925*975	1020*960	1125*1085	1180*1100	1300*1250	1500*1350						
900	960	1100	1250	1300	1500						
330	340	500	500	550	700						
330	210	330	325	320	350						
150	185	216	245	216	318						
17	21	21	21	21	29						
1800	1960	2200	2500	2600	3020						
16	16	16	16	16	16						
75	55-43	55-55	55-55	55-75	55-65-55						
46	54.3	61.3	69	85	92						
10*2*2.8	10.6*2.3*2.8	11.2*2.35*2.9	12*2.5*3.2	13.7*2.8*3.5	15*3.0*4.0						
32	42	50	58	66	100						



MACHINERY



BMC伺服系列精密注塑机



规格	SPECIFICATION	BMC-140	BMC-170	BMC-260	BMC-300	BMC-350	BMC-400
螺杆直径	SCREW DIAMETER	40	45	55	60	70	75
注射重量	INJECTION WEIGHT(g)	380	600	850	1200	2000	2300
拉杆间距	SPACE BETWEEN BARS	410*410	470*470	580*580	630*630	710*710	780*780
外形尺寸	MACHINE DIMENSIONS	4.76*1.26*1.85	6.41*1.3*2.1	6.82*1.6*2.24	8.11*1.81*2.41	7.3*1.8*2.2	7.3*1.96*2.41



■ 增加了储料量空间，投料方便，提高效率；
■ 采用的是高压直接将BMC原材料推入模具型腔，并通过模具型腔来真实的计量产品，节约原料，产品美观，成品率高；
■ 设备对产品填充物如：玻璃纤维及其他纤维长丝或网状结构的强度破坏小，保证产品的高强度；
■ 安全、快捷、节能、环保；
■ 实现自动化操作。

■ The storage space is increased, the feeding is convenient and the efficiency is improved;
■ High pressure is used to directly push BMC raw materials into the mold cavity, and through the mold cavity to measure the real products, saving raw materials, beautiful products, high yield;
■ The equipment has little damage to the product fillers such as glass fiber and other fiber filaments or mesh structure, so as to ensure the high strength of the products;
■ It is safe, fast, energy-saving and environmental protection;
■ Realize automatic operation.