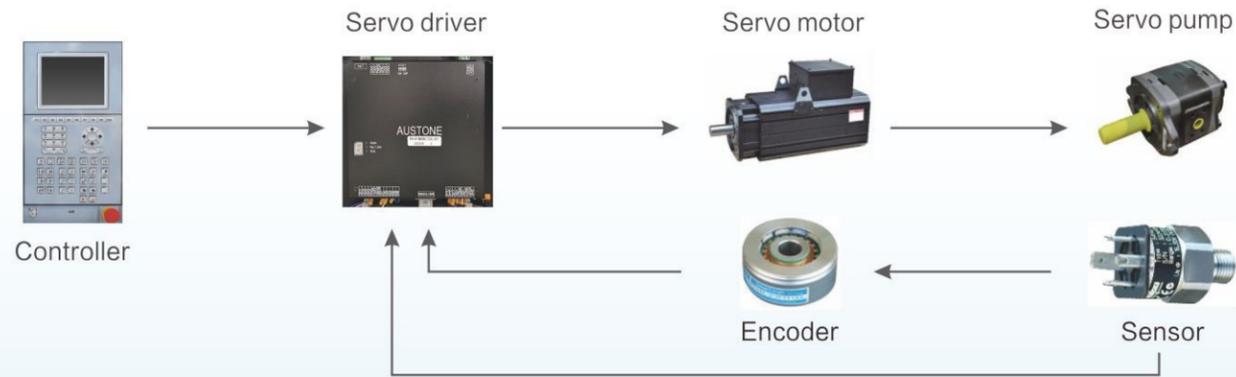


HXM series hydraulic servo control principle



ITEM	BRAND	ORIGINAL
Pump	Eckerle / Settima	Germany / Italy
Motor	Phase	Italy
Driver	Austone	USA
Contacts	Fuji	Japan
Switch	Fuji	Japan
SSR	Omron	Japan
Direction valve	Roxroth	Germany



HXM SERVO MOTOR

Injection Molding Machine

Injection Molding Expert Around You
Clamping Force 65T~2500T



宁波海雄塑料机械有限公司

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NINGBO BEILUN HIGHSUN MACHINERY CO.,LTD.





STATE FULLY-SUPPORTING NEW HIGH-TECH ENTERPRISE **TIME TO GO GLOBAL**

HX-HIGHSUN is one of the most professional Injection Molding Machine manufacturer with more than 40 years' history (founded 1973) in China.

As one of the leading innovator and developer of Injection Molding Machine, HX-HIGHSUN has the world's first class production plant occupied more than 100 million square ft; equipped with the most advanced CNC machining system and processing equipments & inspection devices (CNC utilization ratio: above 83%) , achieve with mass production with higher-quality and quicker-delivery.

Production capacity may reach 7000sets per year. Supply variety of series with clamping force from 65ton to 3000ton coverage with HXF (standard proportional fix pump), HXW (variable pump), HXM (servo drive), HXH (high-speed performance) , Hybrid & Full electric, Two-platen and special solution as PET series, PVC series, BMC series, etc.

Realized more than 100million US\$ sales in 2017, constantly keep 15% increase in sales in the past 3 years; and from 2013 to 2017, a fifth consecutive HX awarded TOP-3 leader by CPIMMA for comprehensive strength of IMM manufacture and develop.

Based on strict management, superior quality, stressing reputation and paying attention to service, HX-HIGHSUN hot sale to Europe and United States, Asia, Africa and the world, won majority of customers good reputation and recognition.



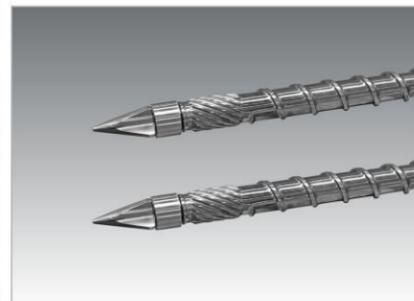
Processing Workshop
Well-equipped
Ensuring top quality



All series standard with T slot platen

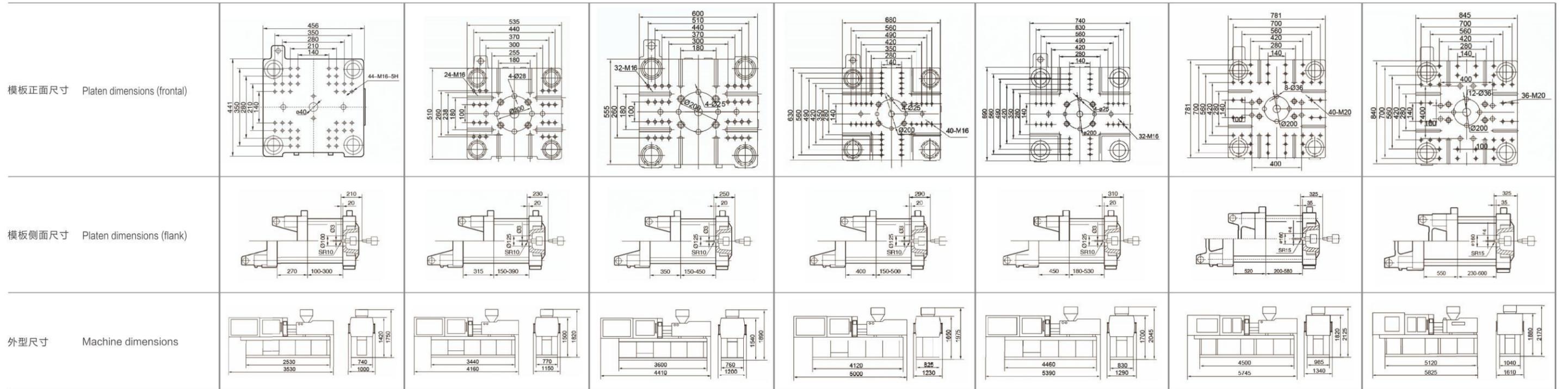


All series standard with oil cleaner



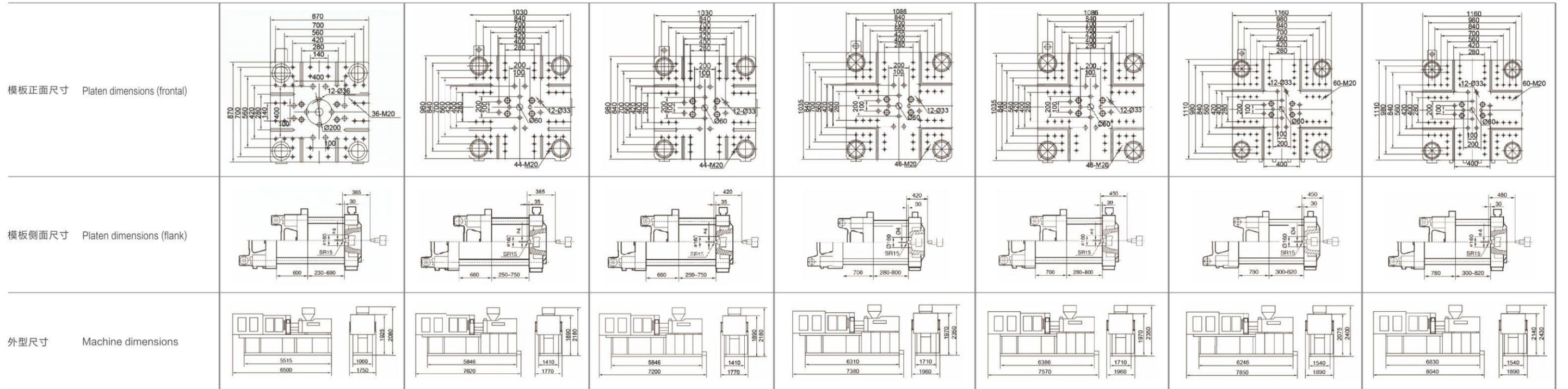
Machine (98T to 298T) standard with bimetal screw

			HXM65				HXM98				HXM128			HXM158				HXM188			HXM218			HXM258					
			A	B	C	D	A	B	C	D	A	B	C	A	B	C	D	A	B	C	A	B	C	A	B	C			
注射装置 Injection Unit																													
螺杆直径	Screw diameter	mm	28	32	35	38	32	35	38	40	35	38	42	38	42	45	48	40	45	48	45	50	55	50	55	60			
螺杆长径比	Screw L/D ratio	L/D	24.3	21.3	19.5	18	24	22	20.2	19.2	23.8	22	19.9	24.3	22	20.5	19.2	24.7	22	20.6	22.2	20	18.2	22	20	18.3			
理论注射容积	Injection capacity in theory	cm ³	73	96	115	136	128	154	181	200	192	226	277	226	277	318	361	282	358	407	349	431	522	451	546	650			
注射重量	Injection weight(PS)	g	67	87	105	123	116	140	164	182	175	206	252	206	252	289	328	262	330	378	324	400	485	420	508	605			
		oz	2.3	3	3.7	4.3	4	4.9	5.7	6.4	6.1	7.2	8.8	7.2	8.8	10.1	11.5	9.24	11.6	13.3	11.4	14.1	17.1	14.8	17.9	21.3			
注射压力	Injection pressure	MPa	229	175	146	123	262	219	185	168	219	186	152	248	203	177	155	224	176	155	210	170	140	205	169	142			
注射速率	Injection rate	g/s	40	55	66	74	71	85	101	111	87	102	126	100	126	144	163	100	126	144	128	158	192	190	230	275			
塑化能力	Plasticizing capacity	g/s	6	8	10	12	10	11	13	17	11	13	15	13	15	20	24	14	19	23	18	25	32	27	35	44			
螺杆转速	Screw speed	rpm	190				200				200			200				160			170			180					
合模装置 Clamping Unit																													
合模力	Clamping force	KN	650				980				1280			1580				1880			2180			2580					
移动模板行程	Moving mould-plate stroke	mm	270				315				350			400				450			520			550					
最大模厚	Max.Mould height	mm	300				390				450			500				530			580			600					
最小模厚	Min.Mould height	mm	100				150				150			150				180			200			230					
拉杆有效间距	Space between tie-bars	mm	310x290				360x340				410x370			460x410				510x460			520x520			570x570					
液压顶出力	Hydraulic ejector force	KN	27.5				45				45			53				53			80			80					
液压顶出行程	Hydraulic ejector stroke	mm	65				100				120			130				130			150			150					
顶出点数	Ejector number	n	1				5				5			5				5			9			13					
其它 Other																													
油泵压力	Pump pressure	MPa	16				16				16			16				16			16			16					
普通电机驱动功率	Motor/Driving power	KW	7.5/11				11/11				13/15			15/18.5				15/18.5			18.5/23			22/30					
加热功率	Heating capacity	KW	7.4				8.2				10.5			10.95				12.95			13.55			16.83					
外形尺寸	Machine dimension	m	3.53x1x1.75				4.16x1.15x1.82				4.41x1.2x1.89			5.0x1.23x1.975				5.39x1.29x2.05			5.745x1.34x2.125			5.825x1.61x2.17					
机器重量	Machine weight	t	1.9				2.7				3.2			4.3				5.2			6.6			7.6					
油箱容积	Oil tank capacity	L	117				203				235			253				272			281			311					



Due to continual improvement, specifications are subject to change without notification

			HXM298			HXM330-I			HXM330-II			HXM410-I		HXM410-II			HXM470-I		HXM470-II		
			A	B	C	A	B	C	A	B	C	A	B	A	B	C	A	B	A	B	C
注射装置 Injection Unit																					
螺杆直径	Screw diameter	mm	55	60	65	60	65	70	65	70	75	65	70	70	75	80	70	75	75	80	85
螺杆长径比	Screw L/D ratio	L/D	22.5	20.6	19	22.7	21	19.5	22.6	21	19.6	22.6	21	21.4	20	18.8	21.4	20	21.3	20	18.8
理论注射容积	Injection capacity in theory	cm ³	689	820	962	905	1062	1232	1128	1308	1502	1128	1308	1423	1634	1859	1423	1634	1634	1860	2099
注射重量	Injection weight(PS)	g	627	750	876	841	1000	1145	1026	1200	1367	1026	1200	1295	1500	1692	1295	1500	1495	1701	1921
		oz	21.7	25.8	30.3	29.6	34.8	40.4	36.1	41.9	48.2	36.1	41.9	45.6	52.4	59.6	45.6	52.4	52.7	60	67.7
注射压力	Injection pressure	MPa	200	168	143	219	186	161	182	157	137	182	157	199	173	152	199	173	191	168	148
注射速率	Injection rate	g/s	227	270	316	243	285	331	245	284	326	245	284	366	395	446	366	395	382	435	491
塑化能力	Plasticizing capacity	g/s	35	43	51	40	48	57	33	41	49	33	41	60	65	70	60	65	52	57	62
螺杆转速	Screw speed	rpm	180			160			136			136		160			160		150		
合模装置 Clamping Unit																					
合模力	Clamping force	KN	2980			3300			3300			4100		4100			4700		4700		
移动模板行程	Moving mould-plate stroke	mm	600			660			660			700		700			780		780		
最大模厚	Max.Mould height	mm	690			750			750			800		800			820		820		
最小模厚	Min.Mould height	mm	230			250			250			280		280			300		300		
拉杆有效间距	Space between tie-bars	mm	605x590			720x670			720x670			770x720		770x720			820x770		820x770		
液压顶出力	Hydraulic ejector force	KN	80			125			125			125		125			120		120		
液压顶出行程	Hydraulic ejector stroke	mm	150			180			180			180		180			200		200		
顶出点数	Ejector number	n	13			13			13			13		13			13		13		
其它 Other																					
油泵压力	Pump pressure	MPa	16			16			16			16		16			16		16		
普通电机驱动功率	Motor/Driving power	KW	30/30			30/37			30/37			30/37		37/30+23			37/30+23		45/30x2		
加热功率	Heating capacity	KW	18.15			20.35			23.15			23.15		23.15			23.15		26.45		
外形尺寸	Machine dimension	m	6.50x1.75x2.08			7.02x1.77x2.18			7.20x1.77x2.18			7.38x1.96x2.35		7.57x1.96x2.35			7.85x1.89x2.4		8.04x1.89x2.43		
机器重量	Machine weight	t	8.4			11			11.5			13.7		14			16.2		16.5		
油箱容积	Oil tank capacity	L	415			680			680			680		687			687		969		



Due to continual improvement, specifications are subject to change without notification

		HXM830			HXM1100			HXM1300				HXM1500			HXM2000				HXM2500			
		A	B	C	A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	
注射装置 Injection Unit																						
螺杆直径	Screw diameter	mm	95	100	105	110	120	130	110	120	130	140	130	140	150	130	140	150	160	170	185	200
螺杆长径比	Screw L/D ratio	L/D	22	20.9	19.9	22	20.2	18.6	26.2	24	22.2	20.6	23.7	22	20.5	23.7	22	20.5	19.2	23.9	22	20.3
理论注射容积	Injection capacity in theory	cm ³	3849	4264	4701	5321	6333	7433	5892	7012	8229	9544	8627	10005	11486	8627	10005	11486	13069	24059	28493	33300
注射重量	Injection weight(PS)	g	3502	3880	4278	4842	5763	6764	5361	6380	7488	8685	7851	9105	10452	7851	9105	10452	11892	21894	25928	30303
		oz	123.5	136.8	150.8	170.7	203.2	238.5	189.1	225	264.1	306.3	276.9	321.1	368.8	276.9	321.1	368.6	419.4	772.2	914.5	1068.8
注射压力	Injection pressure	MPa	175	158	143	178	150	127	204	172	146	126	164	141	123	186	161	140	123	170	144	123
注射速率	Injection rate	g/s	640	687	785	804	936	1099	778	926	1087	1260	1134	1315	1510	1162	1348	1548	1800	1384	1551	1813
塑化能力	Plasticizing capacity	g/s	85	90	98	101	112	125	115	128	145	175	140	150	160	141	150	158	162	170	190	220
螺杆转速	Screw speed	rpm	110			110			95				90			95				60		
合模装置 Clamping Unit																						
合模力	Clamping force	KN	8300			11000			13000				15000			20000				25000		
移动模板行程	Moving mould-plate stroke	mm	1080			1220			1400				1500			1560				1900		
最大模厚	Max.Mould height	mm	1050			1170			1300				1500			1560				1800		
最小模厚	Min.Mould height	mm	400			450			550				700			710				800		
拉杆有效间距	Space between tie-bars	mm	1070x970			1160x1160			1320x1260				1450x1350			1620x1480				1850x1700		
液压顶出力	Hydraulic ejector force	KN	200			245			260				318			480				480		
液压顶出行程	Hydraulic ejector stroke	mm	300			320			400				400			400				450		
顶出点数	Ejector number	n	13			21			21				25			33				33		
其它 Other																						
油泵压力	Pump pressure	MPa	16			16			16				16			16				16		
普通电机驱动功率	Motor/Driving power	KW	37x2			30x3			37x3				37x4			37x4				37x2+45x2		
加热功率	Heating capacity	KW	48.8			68.85			87.95				103.5			103.5				170		
外形尺寸	Machine dimension	m	11.3x2.65x3.4			12.55x2.65x3.5			13.55x2.76x3.9				14x3.3x4			15.60x3.50x4.00				19.5x4.00x5.20		
机器重量	Machine weight	t	42			56			65				87.5			128				175		
油箱容积	Oil tank capacity	L	1315			2000			1672				2000			3500				3700		

模板正面尺寸	Platen dimensions (frontal)						
模板侧面尺寸	Platen dimensions (flank)						
外型尺寸	Machine dimensions						

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