

ACE *SERIES*

注塑成型机
PLASTIC INJECTION MOLDING MACHINE



寧波華維機械有限公司
Ningbo hwaway Machinery Co.,Ltd

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ACE系列注塑成型机



COMPANY PROFILE

公司简介

宁波华维机械有限公司位于中国塑机之都宁波，是一家集研发、生产、销售、服务于一体的专业注塑机生产厂家，公司拥有高端作业标准生产管理流程和团队，自主研发高端产品能力，有十余项发明创造专利，是国内注塑机行业生产的领航者。

公司加快转型升级，依托德国的先进技术，不断研发创新，对原系列机型进行迭代升级。针对应用市场变化，开发了一系列的大容量、大开模行程的高精密注塑机，满足更多领域需求，在医疗、汽车、机械、化工、电子、日用品等行业得到广泛应用，实现高效、节能，高响应的生产要求。

公司以“思客户所想，做客户所需”，凭借多年实战经验和专业技术，针对不同领域，开发了电木（胶木）、美化、薄壁、光学、厚壁、PET等多款专用机型，做好精、准、稳，得到市场认可青睐。

公司坚信“态度决定高度”“细节决定品位”只有深入专业，才能做得更好。聚焦力量，专注用心，精益求精的精神，做好每一个细节。制造精良产品，提供完善服务，为推动现代工业制造升级而不断努力。

Ningbo Huawei Machinery Co., Ltd., located in Ningbo, the capital of plastic machinery in China, is a professional injection molding machine manufacturer integrating R & D, production, sales and service. The company has high-end operation standard production management process and team, independent R & D capacity of high-end products, more than 10 invention and creation patents, and is a leader in the production of domestic injection molding machine industry.

The company accelerated the transformation and upgrading, relying on the advanced technology of Germany, continued R & D and innovation, and iteratively upgraded the original series of models. In view of the changes in the application market, a series of high-precision injection molding machines with large capacity and large opening stroke have been developed to meet the needs of more fields. They have been widely used in medical, automobile, machinery, chemical industry, electronics, daily necessities and other industries to realize the production requirements of high efficiency, energy saving and high response.

With "thinking about what customers want and doing what customers need", relying on many years of practical experience and professional technology, the company has developed a variety of special models for different fields, such as bakelite (bakelite), beautification, thin wall, optics, thick wall and pet, which are fine, accurate and stable, and have been recognized and favored by the market.

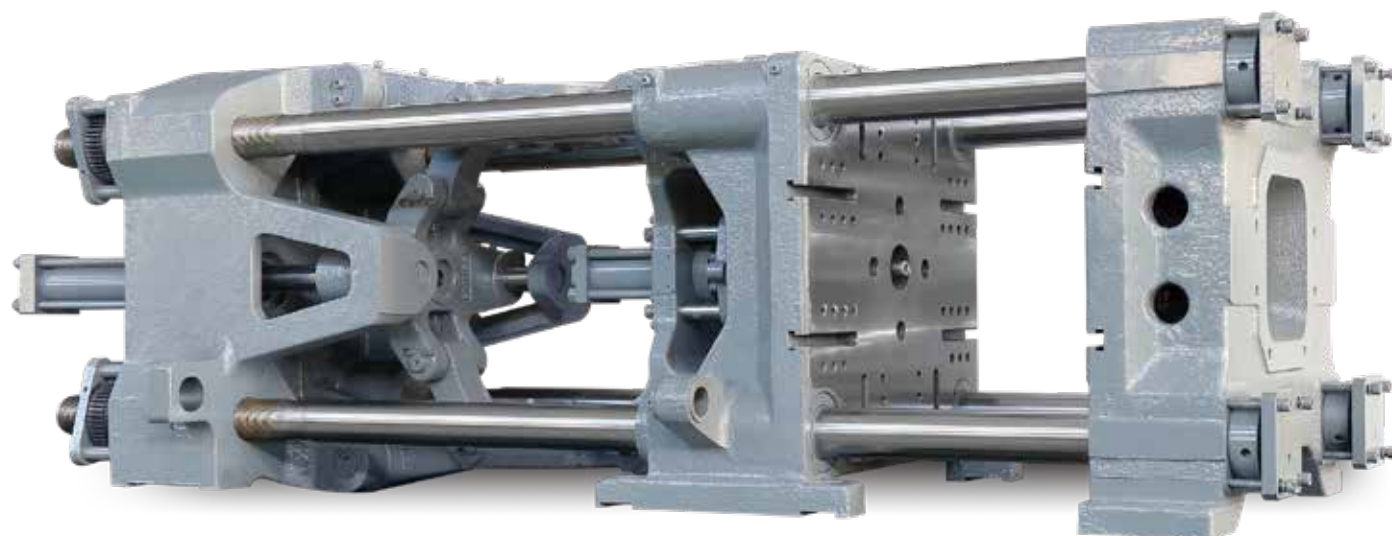
The company firmly believes that "attitude determines height" and "details determine taste". Only by going deep into specialty can we do better. Focus on strength, focus on heart, keep improving and do a good job in every detail. Manufacture sophisticated products, provide perfect services, and make continuous efforts to promote the upgrading of modern industrial manufacturing.

CLAMPING SYSTEM

锁模装置

五支点肘杆机构经先进电脑优化，并以有限元分析指导最佳结构设计，确保锁模机构之刚性和强度，独特的动板滚轮机构，确保机构运行的平衡与静音，内置式机械安全机构，无需调整，安全性高，完备的润滑系统保护合模机构的使用精度与寿命。

The five pivot toggle mechanism by advanced computer optimization, and the finite element analysis of guiding the optimal structure design, ensure the locking mechanism of rigidity and strength, plate roller mechanism dynamic unique, ensure the balance and use the built-in mute mechanism, mechanical safety mechanism, without adjustment, high safety, accuracy and life of lubricating protection system complete locking mechanism.



- ▲ 拉杆采用表面镀铬处理，抗磨损，耐腐蚀。
- ▲ 二板底脚具有可调节斜块结构，方便磨损后进行调节，从而延长机器使用寿命。
- ▲ 自动的集中润滑功能方便机器维护。
- ▲ 采用同步齿轮调模，可实现齿式自动调模。
- ▲ 锁模位置尺连接推力座，更便于调节模具保护位置。
- ▲ 优化设计的机绞连杆机构，开合模平稳快速，寿命长久。

- △ Tie bar adopt surface hard chromium plating processing.
- △ With adjustable feet slip block structure.
- △ Automated centralized lubrication system.
- △ Synchronous gear mold adjustment.
- △ Sensor feet connecting thrust block.
- △ Optimization design of toggle Structure, clamp of opening and closing fast and smooth.

INJECTION SYSTEM

注射装置

采用短捷有力的双缸射出系统和高精度线性导轨，配合低惯量高响应射出机构，确保射出动作平稳及定模板无变形，优化设计螺杆组件，达到更好的塑化效果。自动清料，防流涎、防冷启动延时等功能，确保工作的高效、简便、安全。

A short powerful double cylinder injection system and high precision linear guide rail, with low inertia and high response mechanism to ensure smooth injection, injection and template deformation, optimization design of screw assembly, achieve better plasticizing effect. Automatic cleaning bucket, anti salivation, anti cold start delay function, ensure the efficient, convenient and safe.



- ▲ 双射移油缸，提高注射平稳。
- ▲ 双平行线性导轨，提高注射平稳性及响应速度。
- ▲ 高速液压马达。
- ▲ 注射、保压压力闭路控制，背压精密控制。
- ▲ 螺杆料筒上拆式结构，更换便捷。
- ▲ 高强度的机械结构设计，保障持久精密。
- ▲ 低速大扭矩液压马达驱动螺杆转动，塑化性能极佳。
- ▲ 优化设计的螺杆，原料适用性广。

- △ Double shot moving oil cylinder to improve the stability of injection.
- △ Double parallel linear guide rails improve injection stability and response speed.
- △ High speed hydraulic motor for screw.
- △ Injection, holding pressure closed-loop control and precise back pressure control.
- △ Screw barrel demolishing vertically makes it easy to replace.
- △ High-strength mechanical structure design, keep lasting precision.
- △ Low speed and high torque hydraulic motor drive screw rotation, excellent performance of plastic.
- △ Optimized design of screw, wide range of raw materials.



HYDRAULIC SYSTEM

液压装置

液压系统设计先进，通过压力、流量比例控制实现快速多级压力、速度切换、系统配置合理，先进、工作稳定可靠，噪声低于 75dB, 全系列机型采用二通插装阀系统，提高了系统的通流量及响应速度，使得整机性能达到最佳。

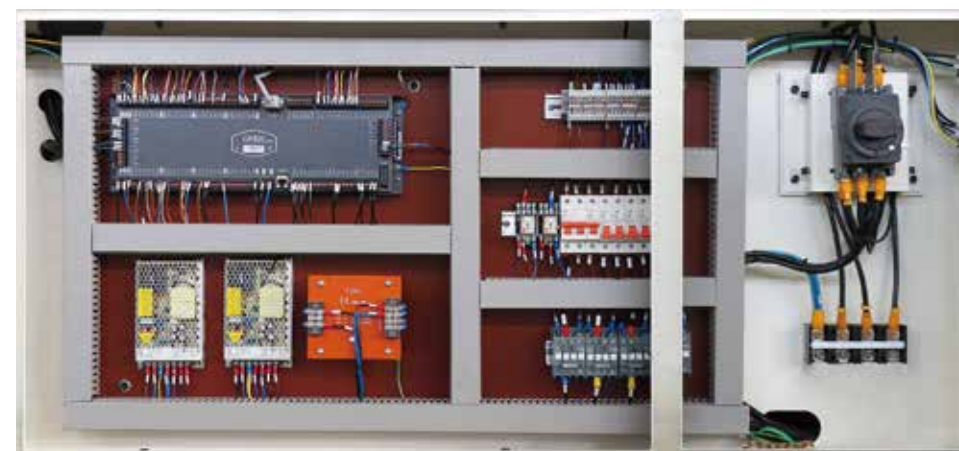
The hydraulic system is advanced by pressure and flow proportional control to achieve fast multi-stage pressure and speed switching, system configuration is reasonable, advanced, stable and reliable operation, the noise is lower than 75dB, The whole series of machines adopt two-way cartridge valve system, improve the system flow and response speed, which makes the best performance.



- ▲ 大流量插装阀的油路系统设计，既保证了系统响应快、冲击小的要求，又减少了油路的压力损耗。
- ▲ 螺旋导流式冷却器，换热效率高，压力损失小，保证液压系统运行稳定，提高重复精度和产品合格率。
- ▲ 低速大扭矩液压马达驱动螺杆，满足各种原料的塑化要求。
- △ Cartridge valve added in the hydraulic system insures the fast response & small impact, which reduces the consumption of the pressure.
- △ Spiral flow cooler is high in heat transfer efficiency and less pressure loss. It guarantees stable operation of hydraulic system, improves repetition accuracy and qualification rate of products.
- △ Low speed and large torque hydraulic motor meets plasticizing demand of different raw material.

更卓越的操作性能，人性化操作界面，提升机器灵敏度及稳定性，线上曲线检测功能及中央连线管理，丰富的 SPC 品质管理界面，绝对是您创造利润的最佳利器。

Operation excellence performance, user-friendly interface, enhance the sensitivity and stability of the machine, line curve detection function and central connection management, rich SPC quality management interface, is absolutely the best weapon of your profit.

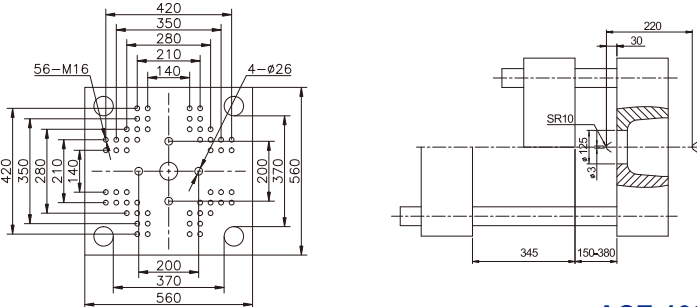
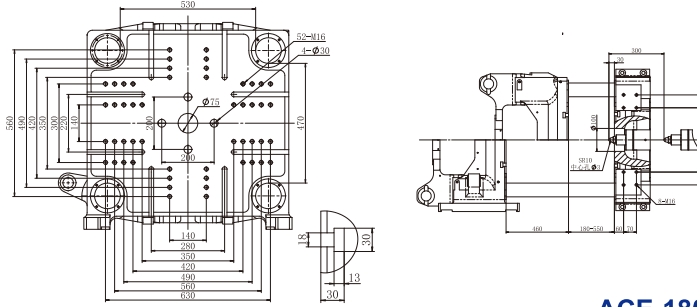


ELECTRIC SYSTEM

电气部分

技术参数表 SPECIFICATIONS



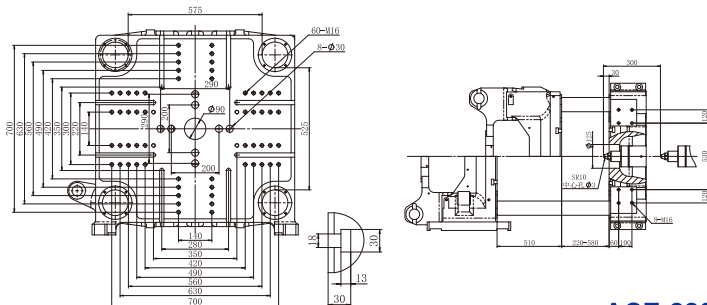
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国际公认型号	DESCRIPTION		391			447			616			790				
注射装置	INJECTION UNIT		A	B	C	A	B	C	A	B	C	A	B	C	 ACE-100	
螺杆直径	Screw Diameter	mm	30	35	40	35	40	45	38	42	46	42	46	52		
螺杆长径比	Screw L /D Ratio	L/D	23.3	21	18.7	23.8	20.5	18.5	24	22	20	24	22	19.5		
理论注射容积	Shot Volume	cm³	120	163	214	163	213	255	238	291	349	332	399	509		
注射重量	Injection Weight (PS)	g	109	149	194	150	191	249	216	265	317	302	362	463		
注射速率	Injection rate	g/s	66	87	108	105	127	156	112	137	164	154	184	236		
注射压力	Injection Pressure	Mpa	264	240	183	264	210	166	260	212	177	238	198	155		
螺杆转速	Screw Speed	rpm	200			220			240			230				
合模装置	CLAMPING UNIT															
合模力	Clamp Tonnage	KN	1000			1200			1500			1800				
移模行程	Toggle Stroke	mm	345			360			410			460				
拉杆内间距	Space Between Tie Bars	mm	370x370			420x380			470x420			530x470				
最大模厚	Max.Mold Height	mm	380			430			500			550				
最小模厚	Min. Mold Height	mm	150			150			160			180				
顶出行程	Ejector Stroke	mm	100			120			140			140				
顶出力	Ejector Tonnage	KN	33			40			67			77				
其它	OTHERS															
最大油泵压力	Max. Pump Pressure	Mpa	17.5			17.5			17.5			17.5				
电机功率	Pump Motor Power	Kw	11			15			18.5			23				
电热功率	Heater Power	Kw	7.2			8.1			11.8			13.2				
油箱容积	Oiltank cubage	L	180			200			220			250				
外型尺寸	Machine Dimension(L × W × H)	m	4.1x1.1x1.8			4.25x1.27x1.85			5.1x1.31x2.1			5.6x1.4x2.2				
机器重量	Machine Weight	T	3.5			4.1			4.7			5.7				
															 ACE-180	

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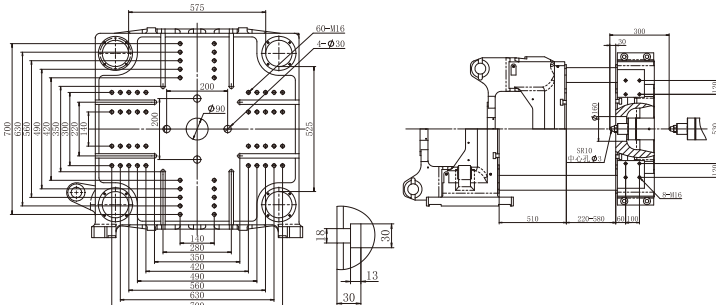
技术参数表 SPECIFICATIONS



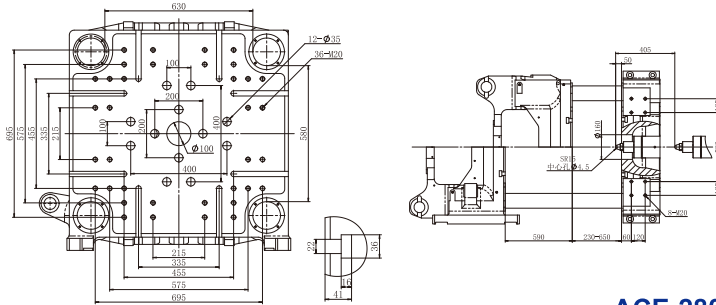
型号规格	SPECIFICATIONS	UNIT	ACE-220			ACE-250			ACE-280			ACE-350			模板尺寸图 Template Size Drawing
国际公认型号	DESCRIPTION		876			1098			1701			2570			
注射装置	INJECTION UNIT		A	B	C	A	B	C	A	B	C	A	B	C	
螺杆直径	Screw Diameter	mm	46	50	55	46	52	58	58	63	68	65	70	75	
螺杆长径比	Screw L /D Ratio	L/D	22	22	20.3	24.8	22	19.7	23.8	22	20.3	23.6	22	20.5	
理论注射容积	Shot Volume	cm³	398	471	570	432	552	687	793	935	1090	1161	1346	1546	
注射重量	Injection Weight (PS)	g	365	430	518	393	502	625	721	851	991	1056	1225	1407	
注射速率	Injection rate	g/s	184	218	264	184	234	292	271	319	372	299	346	398	
注射压力	Injection Pressure	Mpa	220	186	154	254	199	160	215	182	156	221	191	166	
螺杆转速	Screw Speed	rpm	230			220			220			190			
合模装置	CLAMPING UNIT														
合模力	Clamp Tonnage	KN	2200			2500			2800			3500			
移模行程	Toggle Stroke	mm	510			510			590			700			
拉杆内间距	Space Between Tie Bars	mm	575x525			575x525			630x580			730x680			
最大模厚	Max.Mold Height	mm	580			580			650			750			
最小模厚	Min. Mold Height	mm	220			220			230			280			
顶出行程	Ejector Stroke	mm	170			170			170			200			
顶出力	Ejector Tonnage	KN	99			99			99			99			
其它	OTHERS														
最大油泵压力	Max. Pump Pressure	Mpa	17.5			16			16			16			
电机功率	Pump Motor Power	Kw	23			30			37			45			
电热功率	Heater Power	Kw	15.2			16.7			19.3			24.2			
油箱容积	Oiltank cubage	L	300			300			400			500			
外型尺寸	Machine Dimension(L × W × H)	m	6.1x1.49x2.2			6.1x1.49x2.3			6.7x1.7x2.45			7.45x1.91x2.6			
机器重量	Machine Weight	T	6.8			7.3			9.1			12.7			



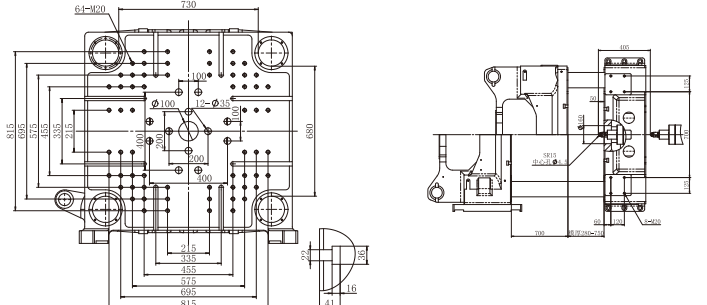
ACE-220



ACE-250



ACE-280



ACE-350

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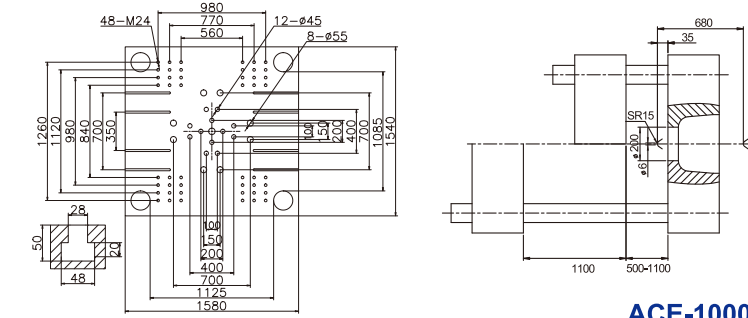
技术参数表 SPECIFICATIONS



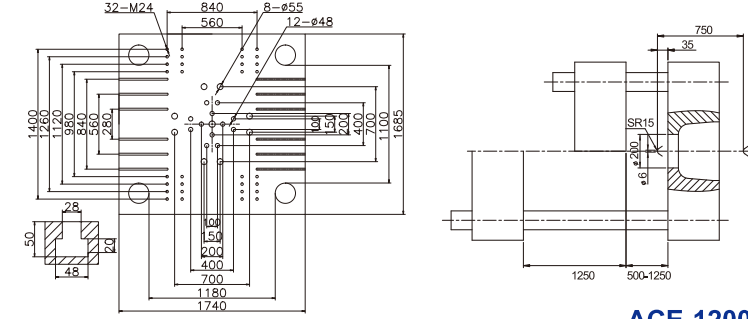
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国际公认型号	DESCRIPTION		2980			4144			4676				5670					
注射装置	INJECTION UNIT		A	B	C	A	B	C	A	B	C	D	A	B	C	D		

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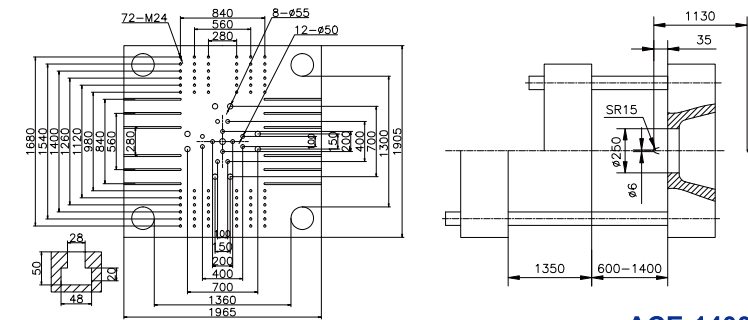
型号规格 SPECIFICATIONS UNIT			ACE-1000			ACE-1200				ACE-1400				ACE-1700				模板尺寸图 Template Size Drawing	
			6086			9523													
注射装置	INJECTION UNIT		A	B	C	A	B	C	D	A	B	C	D	A	B	C	D		
螺杆直径	Screw Diameter	mm	95	100	105	105	115	125	135	110	120	130	140	125	135	145	150		
螺杆长径比	Screw L /D Ratio	L/D	23	21	20	23	21	20	18.5	25.7	24	22	20	25.4	23.4	21.7	18.9		
理论注射容积	Shot Volume	cm³	3544	3927	4330	4811	5772	6819	7954	5984	7121	8357	9693	9509	11087	12791	1365		
注射重量	Injection Weight (PS)	g	3225	3574	3941	3972	5252	6205	7238	5445	6480	7605	8820	8653	10089	11640	12660		
注射速率	Injection rate	g/s	619	686	757	694	839	999	1173	815	970	1138	1320	1056	1240	1438	1650		
注射压力	Injection Pressure	Mpa	171	155	140	198	165	140	120	208	175	150	129	195	165	145	126		
螺杆转速	Screw Speed	rpm	108			106				90				85					
合模装置	CLAMPING UNIT																		
合模力	Clamp Tonnage	KN	10000			12000				14000				16600					
移模行程	Toggle Stroke	mm	1100			1180				1350				1580					
拉杆内间距	Space Between Tie Bars	mm	1125x1085			1180x1100				1360x1300				1620x1480					
最大模厚	Max.Mold Height	mm	1100			1250				1400				1550					
最小模厚	Min. Mold Height	mm	500			500				600				700					
顶出行程	Ejector Stroke	mm	335			325				360				420					
顶出力	Ejector Tonnage	KN	216			245				260				420					
其它	OTHERS																		
最大油泵压力	Max. Pump Pressure	Mpa	16			16				16				17.5					
电机功率	Pump Motor Power	Kw	55+55			37+45+45				37+45+45				45+45+45					
电热功率	Heater Power	Kw	61.3			60				86				94.9					
油箱容积	Oiltank cubage	L	1200			1500				2900				3000					
外型尺寸	Machine Dimension(L × W × H)	m	11.7x2.8x3.3			11.9x2.9x3.15				15.2x3.00x4.13				16.35x3.15x4.17					
机器重量	Machine Weight	T	49			52				83				125					



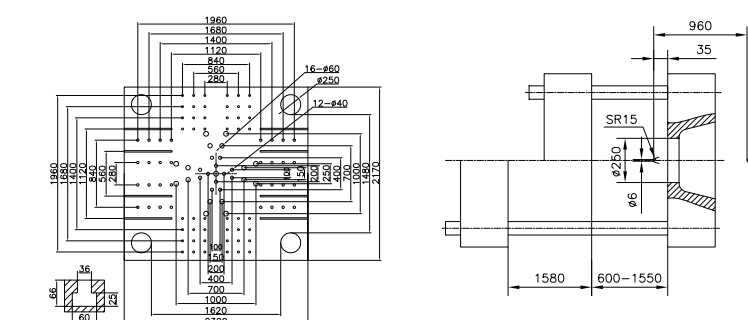
ACE-1000



ACE-1200



ACE-1400



ACE-1700

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PET瓶胚系列注塑机产品规格

Ottle Embryo Series Injection Molding Machine Specifications



参数		PARAMETER	UNIT	ACE228PET/1600	ACE318PET/2400	ACE368PET/3300	ACE428PET/3800
注射装置		INJECTION UNIT					
螺杆直径		Screw diameter	mm	65	75	85	95
螺杆长径比		Screw L/D ratio	L/D	24	24	24	24
理论注射容积		Injection capacity in theory	cm³	1028	1612	2269	2977
注射重量		Injection weight	g	1193(PET)	1870(PET)	2632(PET)	3453(PET)
			oz	42.0	65.9	92.8	121.7
注射压力		Injection pressure	MPa	156	149	147	130
注射速率		Injection rate	g/s	447	520	727	895
塑化能力		Plasticizing capacity	g/s	76	85	90	95
螺杆转速		Screw apeed	rpm	160	120	130	110
合模装置		CLAMPING UNIT					
合模力		Clamping force	kN	2280	3180	3680	4280
移动模板行程		Moving mould-plate stroke	mm	520	600	710	770
最大模厚		Max.Mould height	mm	580	690	750	800
最小模厚		Min.Mould height	mm	200	230	250	280
拉杆有效间距		Space between tie-bars	mm	570 x 520	660 x 590	720 x 690	770 x 740
液压顶出力		Hydraulic ejector force	kN	100	134	193	193
液压顶出行程		Hydraulic ejector stroke	mm	160	175	180	210
顶出点数		Ejector number	n	9	13	13	13
其 它		OTHER					
油泵压力		Pump pressure	MPa	17.5	17.5	17.5	17.5
电机功率		Motor power	kW	40	40	30+30	30+30
加热功率		Heating capacity	kW	22.7	24.73	31.15	32.85
外形尺寸		Machine dimension	m	6.5 x 1.34 x 2.10	7.35 x 1.42 x 2.20	7.9 x 1.99 x 2.24	8.21 x 2.02 x 2.32
机器重量		Machine wight	t	7.2	9	12	14.2
油箱容积		Oil tank capacity	L	250	350	420	530
模板正面尺寸 Platen Dimensions(frontal)							
模板侧面尺寸 Platen Dimensions(flank)							
外型尺寸 Machine Dimensions							

果框专用机产品规格

Fruit frame special machine Specifications



参数	PARAMETER	UNIT	ACE368-G/2400	ACE428-G/3700	ACE488-G/4300	ACE558-G/5400
注射装置	INJECTION UNIT					
螺杆直径	Screw diameter	mm	80	90	95	100
螺杆长径比	Screw L/D ratio	L/D	19	19	19	19
理论注射容积	Injection capacity in theory	cm³	1834	2544	2977	3691
注射重量	Injection weight	g	1669	2315	2709	3360
		oz	58.8	81.6	95.5	118.5
注射压力	Injection pressure	MPa	131	148	146	147
注射速率	Injection rate	g/s	583	567	626	685
塑化能力	Plasticizing capacity	g/s	80	95	95	100
螺杆转速	Screw apeed	rpm	160	190	150	150
合模装置	CLAMPING UNIT					
合模力	Clamping force	kN	3680	4280	4880	5580
移动模板行程	Moving mould-plate stroke	mm	710	770	830	870
最大模厚	Max.Mould height	mm	750	800	820	830
最小模厚	Min.Mould height	mm	250	280	300	330
拉杆有效间距	Space between tie-bars	mm	720 x 690	770 x 740	820 x 800	870 x 840
液压顶出力	Hydraulic ejector force	kN	134	125	125	181
液压顶出行程	Hydraulic ejector stroke	mm	180	210	210	230
顶出点数	Ejector number	n	13	13	13	17
其 它	OTHER					
油泵压力	Pump pressure	MPa	17.5	17.5	17.5	17.5
电机功率	Motor power	kW	40	30+40	40+40	40+40
加热功率	Heating capacity	kW	25	25	27	30
外形尺寸	Machine dimension	m	7.4 x 1.99 x 2.24	7.63 x 2.02 x 2.32	8.05 x 2.07 x 2.41	8.35 x 2.19 x 2.4
机器重量	Machine wight	t	11.5	14	16.5	20.5
油箱容积	Oil tank capacity	L	420	530	630	750
模板正面尺寸 Platen Dimensions(frontal)						
模板侧面尺寸 Platen Dimensions(flank)						
外型尺寸 Machine Dimensions						

薄壁高速机产品规格

Thin-walled high speed machine product specifications



产品规格			SPECIFICATIONS		UNIT	ACE-160		ACE-200		ACE-260		ACE-280					
						A	B	A	B	A	B	A	B				
注射装置 INJECTION UNIT	螺杆直径	Screw diameter	mm	40	45	45	50	50	55	50	55	50	55				
	螺杆长径比	Screw L/D ratio	L/D	22	20	24	22	24	22	24	22	24	22				
	理论注射容积	Injection capacity in theory	cm³	232	294	341	422	422	510	422	510	422	510				
	注射重量	Injection weight(ps)	g	211	268	311	384	384	464	384	464	384	464				
	注射压力	Injection pressure	MPa	237	187	199	161	161	133	161	133	161	133				
	注射速度	Injection velocity	mm/s	220		260		320		400		400					
	塑化能力	Plasticizing capacity	g/s	28	40	46	57	57	80	57	80	57	80				
	螺杆转速	Screw speed	rpm	400		400		400		400		400					
合模装置 CLAMPING UNIT	合模力	Clamping force	kN	1600		2000		2600		2800		2800					
	移动模板行程	Moving mould-plate stroke	mm	420		500		530		530		530					
	最大模厚	Max.Mould height	mm	530		580		600		600		600					
	最小模厚	Min.Mould height	mm	150		200		230		230		230					
	拉杆有效间距	Space between tie-bars	mm	520×470		570×520		610×560		610×560		610×560					
	液压顶出力	Hydraulic ejector force	kN	76		80		80		80		80					
	液压顶出行程	Hydraulic ejector stroke	mm	130		150		150		150		150					
	顶出点数	Ejector number	n	5		9		9		9		9					
其它 OTHER	油泵压力	Pump pressure	MPa	17.5		17.5		17.5		17.5		17.5					
	驱动功率	Motor/Driving power	kW	37		45		30+30		37+37		37+37					
	加热功率	Heating capacity	kW	13.55		16.8		17.8		17.8		17.8					
	外形尺寸	Machine dimension	m	5.37×1.50×1.80		6.34×1.56×1.93		6.49×1.80×2.11		6.49×1.80×2.11		6.49×1.80×2.11					
	机器重量	Machine wight	t	7.0		8.7		10		10		10					
	油箱容积	Oil tank capacity	L	230		350		420		420		420					
模板正面尺寸 Platen Dimensions(frontal)																	
					模板侧面尺寸 Platen Dimensions(flank)												
										外型尺寸 Machine Dimensions							

薄壁高速机产品规格

Thin-walled high speed machine product specifications



产品规格 SPECIFICATIONS				UNIT		ACE-350		ACE-388		ACE-450		ACE-520	
注射装置 INJECTION UNIT	螺杆直径	Screw diameter	mm	A	B	A	B	A	B	A	B	A	B
	螺杆长径比	Screw L/D ratio	L/D	24	22	24	22	24	22	24	22	24	22
	理论注射容积	Injection capacity in theory	cm³	582	692	582	692	582	692	582	692	582	692
	注射重量	Injection weight(ps)	g	529	630	529	630	529	630	529	630	529	630
	注射压力	Injection pressure	MPa	171	144	171	144	171	144	171	144	171	144
	注射速度	Injection velocity	mm/s	380		480		480		600			
	塑化能力	Plasticizing capacity	g/s	80	97	80	97	80	97	80	97	97	110
	螺杆转速	Screw speed	rpm	400		400		400		400		400	
合模装置 CLAMPING UNIT	合模力	Clamping force	kN	3500		3880		4500		5200			
	移动模板行程	Moving mould-plate stroke	mm	630		630		690		780			
	最大模厚	Max.Mould height	mm	650		650		780		800			
	最小模厚	Min.Mould height	mm	250		250		280		320			
	拉杆有效间距	Space between tie-bars	mm	700×650		700×650		750×700		820×770			
	液压顶出力	Hydraulic ejector force	kN	125		125		181		181			
	液压顶出行程	Hydraulic ejector stroke	mm	140		140		140		200			
	顶出点数	Ejector number	n	9		9		9		13			
其它 OTHER	油泵压力	Pump pressure	MPa	19		19		19		19			
	驱动功率	Motor/Driving power	kW	45+45		45+45		45+45		55+55			
	加热功率	Heating capacity	kW	20.3		20.3		20.3		28			
	外形尺寸	Machine dimension	m	6.98×1.81×2.04		6.98×1.81×2.04		7.67×1.92×2.16		7.88×2.02×2.25			
	机器重量	Machine wight	t	13.5		14		17		22			
	油箱容积	Oil tank capacity	L	600		600		600		750			
模板正面尺寸 Platen Dimensions(frontal)													
模板侧面尺寸 Platen Dimensions(flank)													
外型尺寸 Machine Dimensions													

标准配置	STANDARD FEATURES FOR DFK & SERIES	选配装置	OPTIONAL FEATURES FOR DFK & DFJ SERIES
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注射部分 氮化螺杆料筒 高扭力低转速油马达 倒索装置 加长射嘴 防止低温时螺杆提前开动的装置 多级射胶行程控制 多级保压及熔胶控制 注射位置直线电子尺控制 比例熔胶背压控制	INJECTION UNIT Nitride screw barrel High torque low speed oil motor Reverse cable device Lengthened nozzle Device for preventing screw rod from moving in advance at low temperature Three stage injection process control Two stage pressure and melt control Injection position linear electronic ruler control The proportion of melt pressure control	注射部分 特殊螺杆料筒 溶胶筒保温罩 加长射嘴 储能器特快射胶装置 移动卸料斗装置 标准卸料斗装置	INJECTION UNIT Special screw barrel Sol cylinder thermal insulation cover Lengthened nozzle Energy storage device special express Movable unloading hopper device Standard discharge hopper device
锁模部分 五点式双机铰锁模装置 液压单抽装置 自动调模装置 镀硬铬合金钢构立柱 低压模具保护设定 双重电气及机械式安全设置 卸料斗及电眼控制周期复始 顶出停留、多次顶出、震动顶出 多段式锁模行程控制 直线电子尺控制锁模位置	CLAMPING UNIT Five point double machine hinge clamping device Hydraulic single pumping unit Automatic mould adjusting device Hard chrome plated alloy steel column Low pressure mold protection setting Dual electrical and mechanical safety settings Hopper and electric eye control cycle begins Top out stop, multiple top out, shake out the top Three stage mode locking stroke control Linear electronic ruler control mode locking position	锁模部分 吹风装置 液压安全锁装置 液压多抽芯系统装置	CLAMPING UNIT Blowing device Hydraulic safety lock device Hydraulic multi core pulling system device
控制部分 时间射胶控制 PID温度控制 机械手控制接口	CONTROL UNIT Time radio control PID temperature control Manipulator control interface	控制部分 加装机械手电器接线及程序 熔胶马达转速显示	CONTROL UNIT Installation of mechanical and electrical wiring and procedures Sol motor speed display
液压及其他部分 自动润滑装置 进口液压元件 油温过高警报装置	HYDRAULIC UNIT AND OTHERS Automatic lubricating device Imported hydraulic components High temperature alarm device	吹气装置 PVC风机装置 液压及其他部分 半闭环控制系统 冷却水流量计及温度计 油位过低警报装置 油温感应调节冷却水控制装置	BLOWING DEVICE PVC fan device Hydraulic and other parts Semi closed loop control system Cooling water flow meter and thermometer Low oil level alarm device The temperature induced regulation of cooling water control device
全程追踪, 真诚服务		OPTIONAL FEATURES FOR DFK & DFJ SERIES	
售前服务 热线咨询 (产品及技术), 可根据客户要求度身设计。		Before-Sales Service Hotline consultation (products and Technology), according to customer requirements of the design.	
售中服务 提供产品安装调试服务, 以及使用知识培训。		Mid-Sales Service Provide product installation and commissioning services, and use knowledge training.	
售后服务 全天候维修服务, 并提供产品升级定制等其它服务。		After-Sales Service Round the clock maintenance service, and provide other services such as product upgrading and customization.	