CHINA·HWAMDA

THE CRAFTSMANSHIP OF THE WORLD

中国的华美达,世界的工匠心



第二代全新升级

二板注塑机

TWO PLATEN INJECTION MOLDING MACHINE

2025年3月修订

宁波华美达集团有限公司

NINGBO HWAMDA GROUP CO., LTD.

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宁波华美达集团有限公司

NINGBO HWAMDA GROUP CO., LTD.



宁波华美达机械制造有限公司地处“中国塑机之都”的浙江省宁波市，是一家专业化生产塑料注射成型机械的高新技术企业，经过不断的技术创新，公司自主研发的系列产品已广泛应用于汽车、电子、医疗、环保、物流、包装等众多注塑生产行业，目前，华美达已经成长为具有雄厚规模实力和创新竞争力的中国注塑机行业前列企业。2021年，成立宁波华美达集团有限公司，以集团化经营服务全球客户。

华美达公司现有四大生产制造基地，超过三十万平方米厂房设施，引进各种大型先进精密加工设备，团结了一支高素质的企业管理与技术创新团队。公司一直致力于高效节能型注塑机的开发制造与市场推广，已成功推出有精密伺服注塑机、二板注塑机、全电动注塑机、高速精密注塑机、高性能注塑机、清混多色注塑机、PET专用快速注胚系统等多个系列以及各种行业专用型产品。

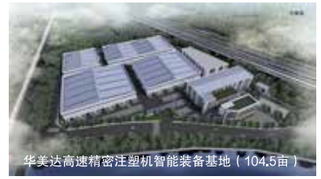
为贴近客户，公司大力开拓国际市场，在国内外建立60余处完善的销售机构及海外服务中心，华美达注塑机受到了北美、中东、南美、东南亚、欧洲及非洲等各个国家和地区客户的使用和欢迎，建立了面向国际市场的营销体系。

公司通过ISO9001、ISO14001、OHSAS18001管理体系认证以及CE、EAC、KCS和“一带一路”等国际认证，所生产的各系列注塑机均配备世界知名品牌的液压、电器及控制系统，引进国际领先设计理念，通过严格的检验、加工、装配、调试，为客户提供优质的产品与服务。

一流的品质，是华美达执着追求的重要目标。尽力满足顾客需求，以精益求精、开拓进取的企业精神缔造辉煌的未来，公司始终坚持“专心专注，做好塑机”的企业理念，为中国注塑机械产业的发展和提高做出自己的贡献。

关于华美达
About US





华美达高速精密注塑机智能装备基地（104.5亩）



腾华年产一万台精密节能注塑机产业园（326.5亩）

Ningbo Hwamda Machinery Manufacturing Co., Ltd. is a new and high technology enterprise devoted to manufacture plastic injection machine, lying in the "City of China plastic molding machine" - Ningbo, Zhejiang.

Now, Hwamda Company owns four factories with more than three hundred thousand square meters. There are over 700 workers and staff members, holding together a high-quality team of managers and technical team. Our company always devoted to R&D for high efficiency and energy-saving injection molding machine. At present, our main products including servo motor energy saving machines, two platen machines, full electric machines, high speed machine for thin-wall products, twin-color machines, special high speed machine for PET preform and other standard or special injection molding machines.

Following the idea of serving customers, we have established more than 60 perfect sales & service branch in China and abroad. Hwamda machine has sold to many countries such as Russia, Poland, Mexico, India, Sri Lanka, Egypt, Brazil, Peru, Colombia, etc. Hwamda has gradually set up a marketing system covering both the domestic and overseas markets.

Hwamda has passed the ISO9001, ISO14001, OHSAS18001 and CE, EAC, KCS certification. All the series of injection machine are equipped with world famous hydraulic & electric elements and control system. Through strict inspection, assembly and test, Hwamda has provided first-class products and services to customers.

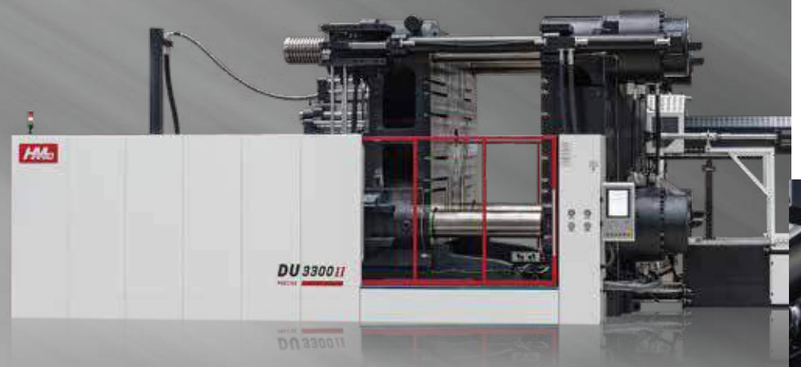
"First-class quality" is what we are pursuing the most. We will try our best to meet the requirements of customers and create even better future. Our company firmly sticks to the idea of "With undivided attention to manufacture excellent plastic injection molding machines", and makes our own contribution for the development and improvement of national plastic industry.





第二代全新升级

6500kN-40000kN







整体落地式射台设计，配合双射移设计，注射稳定。

One whole unit injection unit design, double cylinder nozzle movement, stable injection performance.



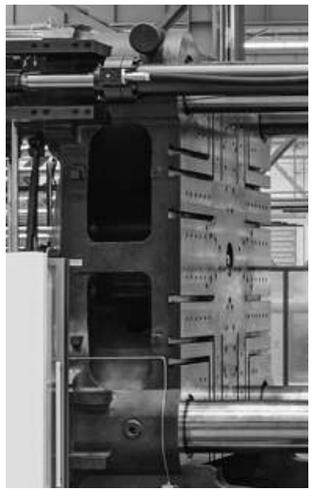
INJECTION UNIT

注射单元



CLAMPING UNIT

锁模单元



欧式纯二板锁模设计，非接触式拉杆，配合拉杆位置独立调整功能和机械同步式抱闸机构，保证抱闸开闸可靠，高压锁模运行稳定。

EUROPEAN 2 PLATEN CLAMPING UNIT, unique tie bar design, with independent mold adjusts and mold locking, which ensure precise and reliable high pressure mold close.

参数设计相比常规三板机，具有更小的机器外形尺寸，同时具备更大的拉杆内间距，更大的开模行程，更大的顶出行程。

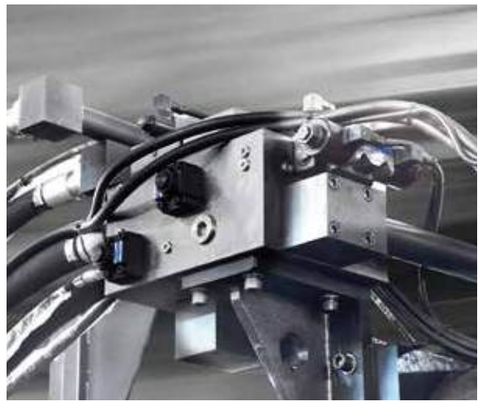
Compare with normal toggle machine, the machine size is smaller, but the tie bar distance is bigger, mold open stroke is larger, ejector stroke is longer.





HYDRAULIC UNIT

液压单元



采用闭环永磁伺服泵系统，控制精确、稳定，同时节能。

Sync servo motor enables efficiency response and capacity and offers excellent performance in energy saving.





CONTROL SYSTEM

电器和控制系统







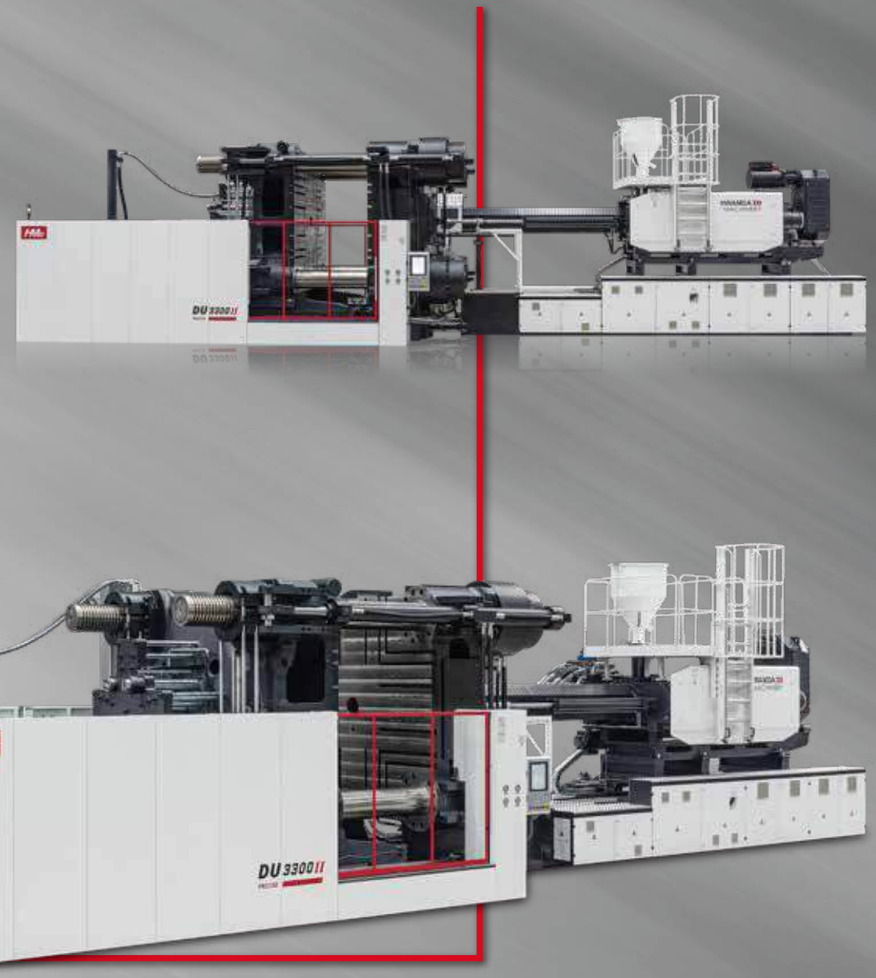
采用高阶进口KEBA控制器，控制精准。

KEBA controller, accurate, stable and reliable control.

SPECIALIZED

AND CUSTOMIZED PRODUCT SERVICES

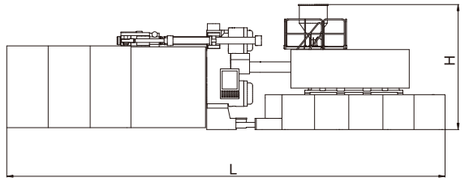
专业化、定制化的产品服务

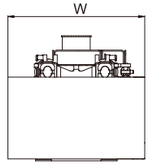


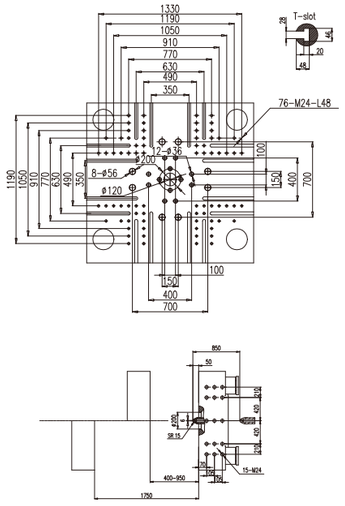
技术参数表 *SPECIFICATIONS*

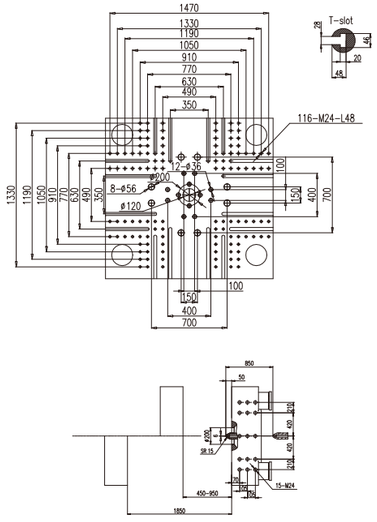
参数	PARAMETER	UNIT	DU650II				DU750II				DU900II			
国际公认型号	International size rating	——	5312/650				5312/750				7772/900			
注射装置	INJECTION UNIT		A	B	C	D	A	B	C	D	A	B	C	D
理论注射容量	Injection volume(theoretical)	cm^3	2554	2863	3190	3896	2554	2863	3190	3896	3308	4084	4942	5881
注射重量	Injection weight(PS)	g (克)	2324	2605	2903	3546	2324	2605	2903	3546	3010	3717	4497	5352
		oz (盎司)	82	91.9	102.4	125.1	82	91.9	102.4	125.1	106.2	131.1	158.6	188.8
注射速率	Injection rate(PS)	g/s	627	702	783	956	627	702	783	956	646	798	965	1149
螺杆直径	Screw diameter	mm	85	90	95	105	85	90	95	105	90	100	110	120
注射压力	Injection pressure	MPa	208	185	166	136	208	185	166	136	235	190	157	132
螺杆长径比	Screw L/D ratio	——	25.2:1	23.8:1	22.5:1	20.4:1	25.2:1	23.8:1	22.5:1	20.4:1	24.8:1	22.4:1	20.3:1	18.6:1
螺杆行程	Screw stroke	mm	450				450				520			
螺杆转速	Screw speed	r/ min	180				180				145			
合模装置	CLAMPING UNIT													
锁模力	Clamping force	kN	6500				7500				9000			
移模行程	Mold opening stroke	mm	1350/800				1400/900				1600/1000			
模板尺寸	Platen size	mm	1420×1370				1540×1440				1560×1540			
拉杆内间距	Dist. between tie bars (HxV)	mm	1060×930				1140×960				1180×1020			
模板最大距离	Max.daylight	mm	1750				1850				2100			
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	400-950				450-950				500-1100			
顶出行程	Ejector stroke	mm	260				300				300			
顶出力	Ejector tonnage	kN	182				210				210			
动力/电热	POWER UNIT													
油压系统压力	Hydraulic system pressure	MPa	17.5/23.5				17.5/23.5				17.5/23.5			
油泵马达	Pump motor power	kW	111+13				111+13				72+48+13			
电热功率	Heater power	kW	51				51				63			
温度控制区数	Number of temp control zones	——	6				6				7			
其 它	OTHERS													
油箱容积	Oil tank	L (升)	580				580				690			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	7.9×2.7×2.7				8.1×2.9×2.7				9.2×3.1×3.7			

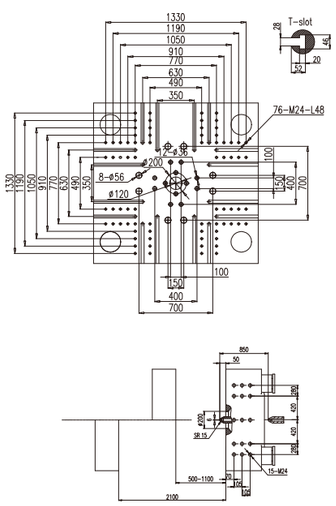
模板尺寸
PLATEN DIMENSION











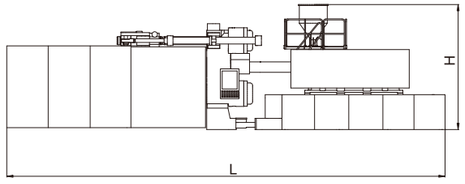
说明：由于产品改进，技术参数的变更，恕不另行通知。

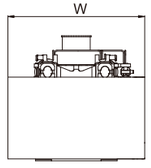
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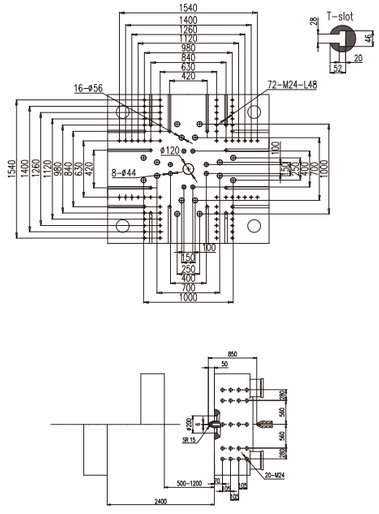
技术参数表 *SPECIFICATIONS*

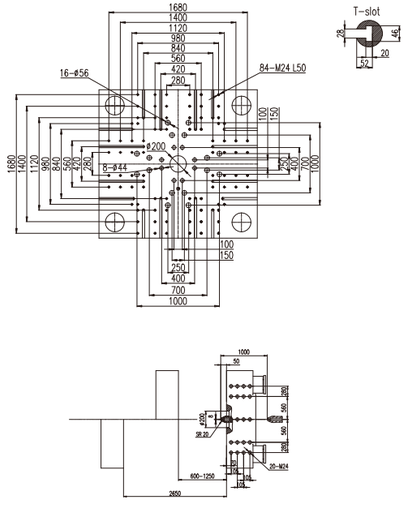
参数	PARAMETER	UNIT	DU1080II				DU1200II				DU1300II			
国际公认型号	International size rating	——	8514/1080				10897/1200				10897/1300			
注射装置	INJECTION UNIT		A	B	C	D	A	B	C	D	A	B	C	D
理论注射容量	Injection volume(theoretical)	cm^3	3686	4503	5401	6381	5022	6024	7118	8302	5022	6024	7118	8302
注射重量	Injection weight(PS)	g (克)	3354	4097	4915	5807	4570	5482	6477	7555	4570	5482	6477	7555
		oz (盎司)	118.3	144.5	173.4	204.8	161.2	193.4	228.5	266.5	161.2	193.4	228.5	266.5
注射速率	Injection rate(PS)	g/s	719	878	1054	1245	886	1063	1256	1465	886	1063	1256	1465
螺杆直径	Screw diameter	mm	95	105	115	125	105	115	125	135	105	115	125	135
注射压力	Injection pressure	MPa	231	189	158	134	217	181	153	132	217	181	153	132
螺杆长径比	Screw L/D ratio	——	24.7:1	22.5:1	20.2:1	18.3:1	25.1:1	22.8:1	21:1	19.4:1	25.1:1	22.8:1	21:1	19.4:1
螺杆行程	Screw stroke	mm	520				580				580			
螺杆转速	Screw speed	r/ min	145				118				118			
合模装置	CLAMPING UNIT													
锁模力	Clamping force	kN	10800				12000				13000			
移模行程	Mold opening stroke	mm	1900/1200				2050/1400				2250/1500			
模板尺寸	Platen size	mm	1710×1660				1870×1760				1990×1875			
拉杆内间距	Dist. between tie bars (HxV)	mm	1280×1100				1320×1200				1420×1280			
模板最大距离	Max.daylight	mm	2400				2650				2850			
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	500-1200				600-1250				600-1350			
顶出行程	Ejector stroke	mm	350				350				350			
顶出力	Ejector tonnage	kN	230				230				230			
动力/电热	POWER UNIT													
油压系统压力	Hydraulic system pressure	MPa	17.5/23.5				17.5/23.5				17.5/23.5			
油泵马达	Pump motor power	kW	72+60+13				60+60+31+17				60+60+31+17			
电热功率	Heater power	kW	67				79				79			
温度控制区数	Number of temp control zones	——	7				7				7			
其 它	OTHERS													
油箱容积	Oil tank	L (升)	690				810				810			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	9.7×3.2×3.7				10.2×3.4×3.8				10.4×3.5×3.8			

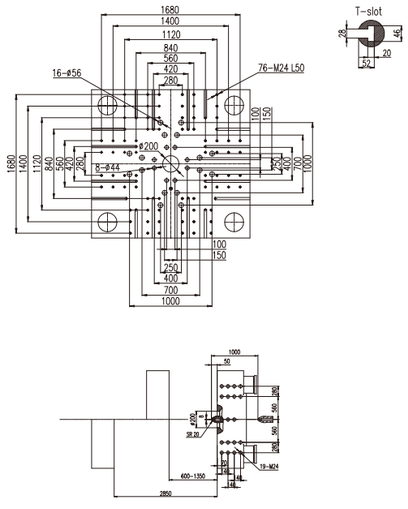
模板尺寸
PLATEN DIMENSION











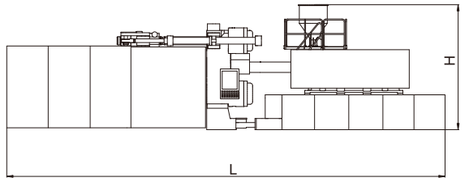
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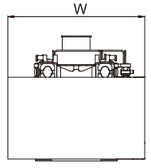
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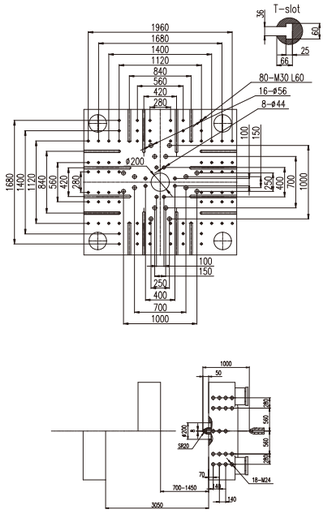
技术参数表 *SPECIFICATIONS*

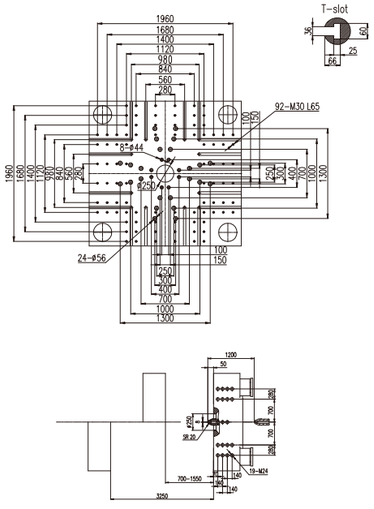
参数	PARAMETER	UNIT	DU1400II				DU1600II				DU1850II			
国际公认型号	International size rating	——	13087/1400				19232/1600				19232/1850			
注射装置	INJECTION UNIT		A	B	C	D	A	B	C	D	A	B	C	D
理论注射容量	Injection volume(theoretical)	cm^3	6232	7360	8588	9908	9291	10776	12370	14074	9291	10776	12370	14074
注射重量	Injection weight(PS)	g (克)	5671	6700	7815	9016	8455	9806	11257	12808	8455	9806	11257	12808
		oz (盎司)	200	236.3	275.7	318	298.2	345.9	397.1	451.8	298.2	345.9	397.1	451.8
注射速率	Injection rate(PS)	g/s	975	1152	1344	1550	1255	1455	1670	1901	1255	1455	1670	1901
螺杆直径	Screw diameter	mm	115	125	135	145	130	140	150	160	130	140	150	160
注射压力	Injection pressure	MPa	210	177	152	132	207	179	156	137	207	179	156	137
螺杆长径比	Screw L/D ratio	——	24.2:1	22.3:1	20.6:1	19.2:1	24.3:1	22.5:1	21:1	19.7:1	24.3:1	22.5:1	21:1	19.7:1
螺杆行程	Screw stroke	mm	600				700				700			
螺杆转速	Screw speed	r/ min	95				98				98			
合模装置	CLAMPING UNIT													
锁模力	Clamping force	kN	14000				16000				18500			
移模行程	Mold opening stroke	mm	2350/1600				2550/1700				2600/1750			
模板尺寸	Platen size	mm	2090×1970				2200×2080				2310×2220			
拉杆内间距	Dist. between tie bars (HxV)	mm	1480×1360				1560×1450				1680×1560			
模板最大距离	Max.daylight	mm	3050				3250				3350			
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	700-1450				700-1550				700-1600			
顶出行程	Ejector stroke	mm	400				400				450			
顶出力	Ejector tonnage	kN	330				330				450			
动力/电热	POWER UNIT													
油压系统压力	Hydraulic system pressure	MPa	17.5/23.5				17.5/23.5				17.5/23.5			
油泵马达	Pump motor power	kW	60+60+48+17				72+72+60+17				72+72+60+17			
电热功率	Heater power	kW	82				100				100			
温度控制区数	Number of temp control zones	——	8				8				8			
其 它	OTHERS													
油箱容积	Oil tank	L (升)	1050				1330				1330			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	11.5×3.6×4.1				12.2×3.8×4.2				12.4×3.9×4.3			

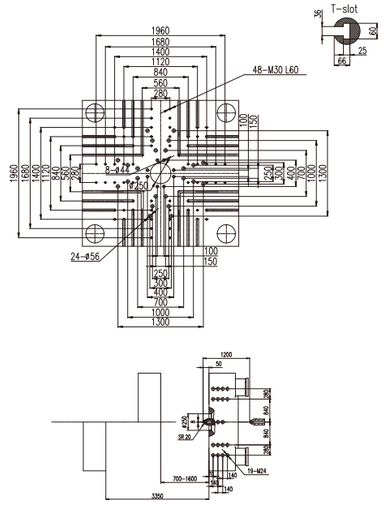
模板尺寸
PLATEN DIMENSION











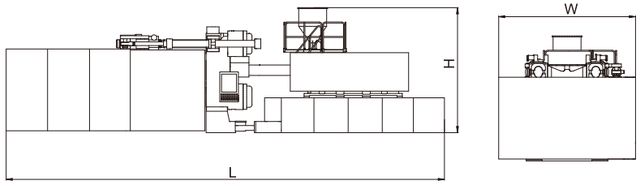
说明：由于产品改进，技术参数的变更，恕不另行通知。

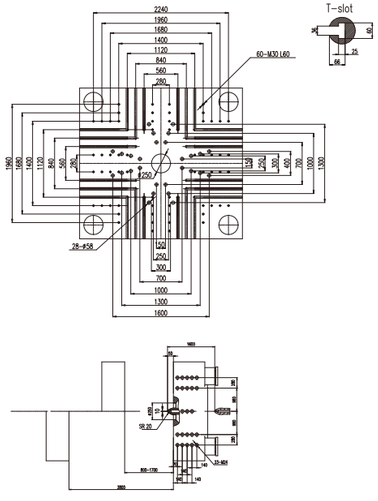
Remark:We reserve the right to make any technical improvement without prior notice.

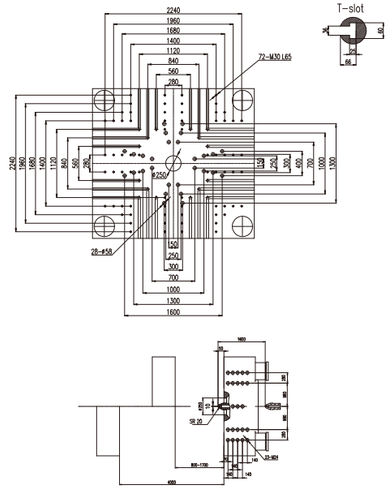
技术参数表 *SPECIFICATIONS*

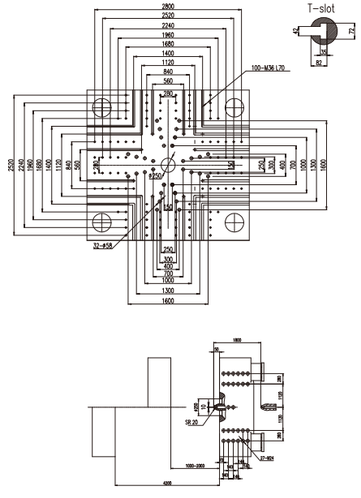
参数	PARAMETER	UNIT	DU2400II						DU2700II				DU3300II			
国际公认型号	International size rating	——	32000/2400		40000/2400		58000/2400		40000/2700		58000/2700		58000/3300		72000/3300	
注射装置	INJECTION UNIT		A	B	A	B	A	B	A	B	A	B	A	B	A	B
理论注射容量	Injection volume(theoretical)	cm^3	20106	22687	25434	28339	37680	41542	25434	28339	37680	41542	37680	41542	47493	51908
注射重量	Injection weight(PS)	g (克)	18297	20645	23145	25788	34289	37803	23145	25788	34289	37803	34289	37803	43218	47236
		oz (盎司)	645.4	728.2	816.4	909.6	1209.5	1333.4	816.4	909.6	1209.5	1333.4	1209.5	1333.5	1524.5	1666.2
注射速率	Injection rate(PS)	g/s	1849	2087	1877	2091	2167	2390	1877	2091	2167	2390	2167	2390	2403	2627
螺杆直径	Screw diameter	mm	160	170	180	190	200	210	180	190	200	210	200	210	220	230
注射压力	Injection pressure	MPa	158	140	156	140	154	140	156	140	154	140	154	140	152	139
螺杆长径比	Screw L/D ratio	——	23:1	21.6:1	24:1	22.7:1	21.5:1	20.5:1	24:1	22.7:1	21.5:1	20.5:1	21.5:1	20.5:1	21.5:1	20.5:1
螺杆行程	Screw stroke	mm	1000		1000		1200		1000		1200		1200		1250	
螺杆转速	Screw speed	r/ min	80		63		63		63		63		63		63	
合模装置	CLAMPING UNIT															
锁模力	Clamping force	kN	24000						27000				33000			
移模行程	Mold opening stroke	mm	3000/2100						3200/2300				3200/2200			
模板尺寸	Platen size	mm	2545×2335						2655×2505				3185×2825			
拉杆内间距	Dist. between tie bars (HxV)	mm	1850×1620						1950×1750				2280×1920			
模板最大距离	Max.daylight	mm	3800						4000				4200			
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	800-1700						800-1700				1000-2000			
顶出行程	Ejector stroke	mm	450						450				550			
顶出力	Ejector tonnage	kN	450						450				580			
动力/电热	POWER UNIT															
油压系统压力	Hydraulic system pressure	MPa			17.5/23.5				17.5/23.5				17.5/23.5			
油泵马达	Pump motor power	kW	72+72+72+17		60+60+60+60+17		72+72+60+60+17		60+60+60+60+17		72+72+60+60+17		72+72+60+60+17		60+60+60+60+60+17	
电热功率	Heater power	kW	128		186		201		186		201		201		236	
温度控制区数	Number of temp control zones	——	8		11		11		11		11		11		14	
其 它	OTHERS															
油箱容积	Oil tank	L (升)	1810		1950		2058		1950		2058		2058		2800	
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	14.1×4.4×4.2		15.2×4.4×4.4		15.4×4.4×4.4		15.8×4.4×4.4		15.9×4.6×4.4		17.1×4.9×4.9			

模板尺寸
PLATEN DIMENSION









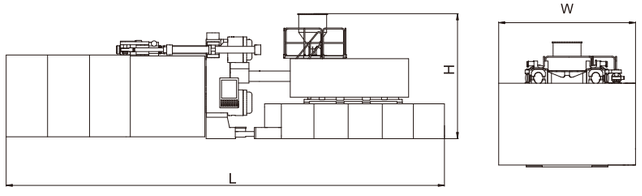
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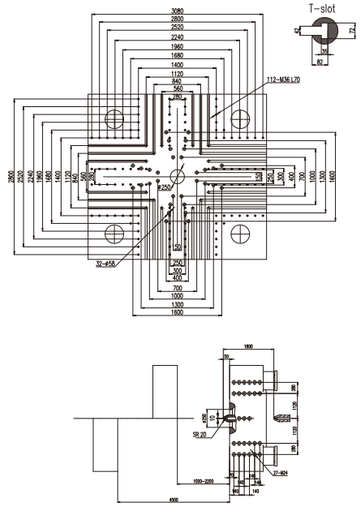
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技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	DU4000II		
国际公认型号	International size rating	——	103000/4000		
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm^3	61073	66268	71638
注射重量	Injection weight(PS)	g (克)	55576	60304	65191
		oz (盎司)	1960.4	2127.1	2300
注射速率	Injection rate(PS)	g/s	2757	2992	3236
螺杆直径	Screw diameter	mm	240	250	260
注射压力	Injection pressure	MPa	169	156	144
螺杆长径比	Screw L/D ratio	——	23:1	23:1	22.9:1
螺杆行程	Screw stroke	mm	1350		
螺杆转速	Screw speed	r/ min	67		
合模装置	CLAMPING UNIT				
锁模力	Clamping force	kN	40000		
移模行程	Mold opening stroke	mm	3500/2300		
模板尺寸	Platen size	mm	3320×2920		
拉杆内间距	Dist. between tie bars (HxV)	mm	2400×2000		
模板最大距离	Max.daylight	mm	4500		
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	1000-2200		
顶出行程	Ejector stroke	mm	550		
顶出力	Ejector tonnage	kN	580		
动力/电热	POWER UNIT				
油压系统压力	Hydraulic system pressure	MPa	17.5/23.5		
油泵马达	Pump motor power	kW	72+72+72+72+72+17		
电热功率	Heater power	kW	295		
温度控制区数	Number of temp control zones	——	11		
其 它	OTHERS				
油箱容积	Oil tank	L (升)	2800		
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	20×5.5×5.5		

模板尺寸
PLATEN DIMENSION





说明：由于产品改进，技术参数的变更，恕不另行通知。

客户备忘录 *MEMORANDUM*