



CHINA-HWAMDA
THE CRAFTSMANSHIP OF THE WORLD
中国的华美达,世界的工匠心

CHINA
HWAMDA
第二代高效节能注塑机系列 **MACHINERY**
M8S II PLASTIC INJECTION MOLDING MACHINE
MANUFACTURING CO., LTD.

2022年9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胶注塑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、包装、物流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和竞争实力的中国注塑机行业前列企业。

华美达拥有4个生产基地，超过10万平方米厂房设施，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，已成功推出的有伺服节能注塑机、二板注塑机、全电动注塑机、高速精密注塑机、双色注塑机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、欧洲等各个国家和地区客户的使用和欢迎，建立了面向国际的营销体系。

华美达公司通过了ISO9001、ISO14001、OHSAS18001管理体系认证以及CE产品认证，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，为客户提供最优质的产品与服务。

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



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 one hundred thousand square meters. There are over 400 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 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 North America, Europe, 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 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.



P

Provincial High-tech Enterprise Research and Development Center

浙江省高新技术企业研发中心 +

华美达一直坚持对技术创新体系的重视与支持，高新技术的研发促进了企业核心竞争力的提升，公司具有国内领先的产品研发中心，已掌握和使用的主要包括有全闭环控制、高效节能控制、低噪音控制、高速注射成型等先进技术。华美达研发中心包括开发中心、检验中心、知识产权中心、标准化小组和试制组，覆盖了机械、电子、电力、液压传动、高分子材料等相关领域，研发队伍的整体实力和经验在同行业中处于领先水平，以不断创新的产品技术和研发理念，满足客户对注塑机高速、精密、节能、环保等方面日益提高的生产要求。

Hwamda Machinery persist to cherish and support technology innovation. Our efforts on high-tech innovation and R&D have raised our core competitive. Now, we have mastered and use whole closed-loop control, high efficiency and energy saving control, low-noise control, high-speed injection on our machines. Our R&D center including development center, intellectual property centre, standardized team and trial-produce center, covering mechanical, electronics, electric, hydraulic transmission, polymers etc. The research team ability and experience as leader level in the same industry. With update innovation and research vision, to meet customer gradually update products requests for high speed, precision, energy saving, environmental friendly etc.



+ 专业化、定制化的产品服务 Specialized and Customized Product Services

- 我们一直专注于注塑机械最新技术的研发推广
- 为客户寻求更好的产品解决方案
- 不断追求卓越、突破创新

- Devoted to the new technology research
- Pursue the better product solution for customer
- Keep innovation, reach to new breakthrough



+ 360° 服务 Our Service

华美达在中国主要省市地区广泛建立四十多处完善的销售代理机构，并在北美、中东、南美、东南亚、欧洲等海外市场设置二十余处海外服务中心，建立了面向国际的营销服务体系。

Hwamda Machinery has more than 40 sales & service branch in major domestic areas, with more than 20 oversea agents including North America, the middle East, South America, Southeast Asia, Europe. We have gradually established an international marketing system.



为全球客户提供360度完善的售前咨询、售中安装调试和培训，以及售后维修的全程追踪服务和网络远程技术支持。

Provide global customers with 360-degree comprehensive pre-sales consultation, in-sale installation, commissioning and training, as well as after-sales maintenance tracking service and network remote technical support.

- 1 热线咨询(产品及技术)，可根据客户要求对产品定制设计。
Hotline consultation for products and technology. We can design machines according to your special requirement.
 - 2 提供产品安装调试服务，以及使用知识培训。
Provide installation and adjustment service and usage training.
 - 3 全天候维修服务，整机三包一年，并提供产品升级或改装等其它服务。
One year guarantee for the whole machines. Also provide machines upgrading and modification service.
- 4 华美达为适应e时代高速发展，利用了最先进的网络平台，让客户在第一时间与在线工程师交流，通过“远程诊断”，获取最及时的解决方案。
Adapt the quick working steps in e-time, Hwamda Machinery using the advanced network to let customers communicate with online engineers to get timely resolution.

Before-sales
Service
售前咨询

Mid-sales
Service
售中服务

After-sales
Service
售后服务

Network
Service
网络远程支持

一直的品质，是华美达人执着追求的重要目标。公司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，建立起一套完善的质量管理体系，为客户提供优质的产品与服务。

"First-class quality" is what we are pursuing the important target. All the series of injection molding machine are equipped with world famous hydraulic and electric elements and control system. Through strict QC raw material inspection, processing, assembly and debug, set up the complete quality management system, to provide better products and service.

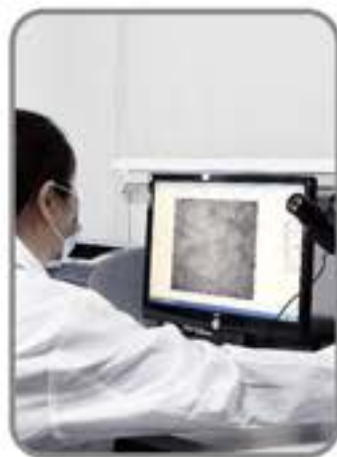


原材料检测

MATERIAL PERFORMANCE DETECTION

材料成分检测、显微组织检测、材料硬度检测、表面粗糙度检测、力学性能测试、加工精度检测、尺寸外观检测

Material ingredient analyze detection, Microstructure detection, Material hardness detection, Surface roughness detection, Mechanical performance inspection, Machining accuracy detection, Dimension appearance detection



装配过程控制

ASSEMBLE PROCESS CONTROL

液压系统检测、锁模机构检测、注射机构检测、电器安装检测、自动循环无故障检测、安全功能检测、特别工程检测

Hydraulic system control detection, Clamping structure detection, Injection structure detection, Electrical installation detection, Auto-cycle without troubleshoot detection, Safety function detection, Special project detection



出厂检验

DELIVERY INSPECTION

整机外观检验、安全设置检验、整机性能检验、随机备件检验、新增项目检验

Machine appearance inspection, Safety setting inspection, Machine performance inspection, Spare parts inspection, New project inspection



华美达公司现有四个生产基地，超过10万平方米现代化生产厂房，并建有一流的管理中心，通过远程网络监控以及ERP数据链管理，实现生产数据共享、协同制造以及远程管理，具备开发国际先进技术产品的能力。

多年来华美达始终以国际标准为准则，不断发展产品的科技力量。依靠行业领先的软硬件设备，不断引进、消化、吸收国际最先进的工艺技术，并凭借自身的强大研发能力，迅速成为中国塑机行业综合技术和生产规模极具优势企业。

Hwamda Machinery has four production bases, more than one hundred thousand square meters of modern production plant. We have a first-class management center, through remote network monitoring and ERP data chain management, to achieve production data sharing, collaborative manufacturing and remote management, with the ability to develop international advanced technology products.

We always adhere to the international industry-leading standards, and continually to develop our R&D ability. Continuing to introduce, digest and absorb the most leading technology in plastic machinery industry and with our own strong R&D capability, we have become a very competitive enterprises in China plastic machinery industry both in technology and production scale.



4

生产基地(个)

100000+

现代化生产厂房(平方米)

**更优参数，更长寿命
更快速度，更高精度
更好安全性**

*SUPERIOR PARAMETERS, LONGER LIFESPAN, FASTER SPEED,
HIGHER PRECISION, BETTER SECURITY!*



CLAMPING UNIT

锁模单元

运动平稳、快速，采用高刚性模板，拉杆使用寿命更长

Smooth and Fast Movement, High Rigid Platen, Longer Lifespan of Tie Bar



采用在高速机上验证过的中间加强型模板设计，并使用加粗拉杆，经有限元分析优化，使锁模机构具有运动平稳、快速、模板刚性好和拉杆寿命长的优点。

Middle part strengthen design clamping unit and enhance tie bar, after the finite element analysis and optimization, the clamping mechanism has the advantages of smooth and fast movement, good rigidity platen and long lifespan of tie bar.

本系列标配T形槽，方便模具安装和拆卸。液压马达驱动自动调模装置，平稳、快速、高效，节省装模时间。

Standard with T-slot, easy mold mounted. The hydraulic motor drives the automatic mold adjustment device, stable, fast and efficient, and saves the time of mold mounted.



INJECTION UNIT

注射单元



优化设计螺杆料筒组件，具备更强塑化能力和更好塑化效果

Optimized Design of Screw and Barrel, With Better Plasticizing Ability and Performance

双缸射胶系统，配合斜排双射移油缸，确保射胶动作平稳。采用线性导轨设计，使注射和储料时阻力更低并且受力均匀，注射动作和储料背压反应更加灵敏，具有更高的注射精度。

Double-cylinder injection system and double carriage cylinder, to make sure the injection movement stable and smoothly. Equipped with guide liner design, with lower resistance. Injection and charge back pressure more fast, with high injection precision.

优化设计螺杆料筒组件，具备更强的塑化能力和更好塑化效果，满足各种特殊产品需求。对注射活塞杆，注射动模板，传动轴等关键部件进行强化，大幅降低活塞杆断裂概率。

Optimize the design of screw and barrel, with stronger plasticizing ability and better plasticizing performance, to meet the different kinds of special products. The key components such as injection piston rod, injection driving platen and coupler are strengthened to greatly reduce the fracture probability of piston rod.



中国的华美达，世界的工匠心

CHINA·HWAMDA THE CRAFTSMANSHIP OF THE WORLD



节能高效，响应速度快，压力控制精确

High Precision, Energy-Saving, Quick-Response

采用永磁同步伺服电机和专用伺服驱动器，全数字闭环控制，节能高效，响应速度快，压力控制精确，在低流量时更加稳定。

Sync servo motor and driver, with digital close loop control, energy saving and efficiency, fast response and precision control, more stable at low flow situation.

动力加大设计，使整机速度更快，有效缩短产品生产周期，提高生产效率。

Increased motor power design, machine faster and more efficiency, shorten the production cycle time, improve production efficiency.



HYDRAULIC UNIT

液压单元

ELECTRIC UNIT

电控单元



- 1 标配安全继电器，安全阀，钣金保护按照GB2530国家安全标准设计，增加热总开关保护，五孔插保护，提升整机安全性能，关键元件采用施耐德、ABB、OMRON等进口品牌。
- 2 采用高阶注塑机专用控制器，大规格彩色显示屏，显示清晰，人机友好操作界面。

Energy Saving
节能

- 1 Standard with safety relay, safety hydraulic valve and metal cover protection are designed in accordance with GB2530 national safety standards, adding thermal master switch protection and five-hole plug protection to improve the safety performance of the whole machine. The key components are imported brands such as Schneider, ABB, OMRON etc.
- 2 The series equipped with high-performance controller, large LCD display and simple friendly operational interface.

Efficient
高效

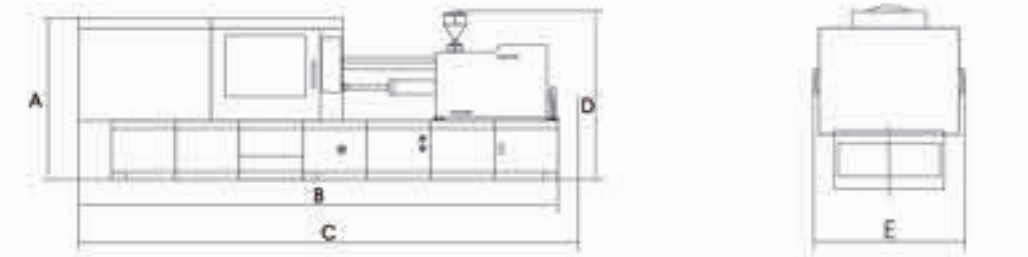
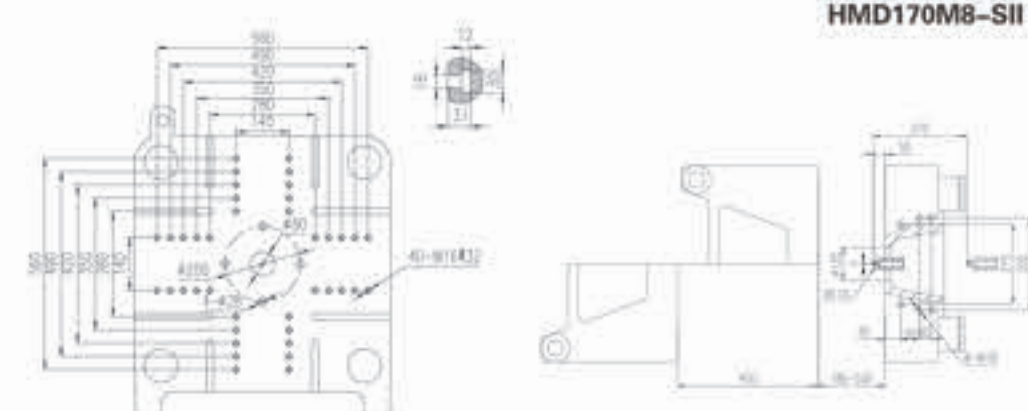
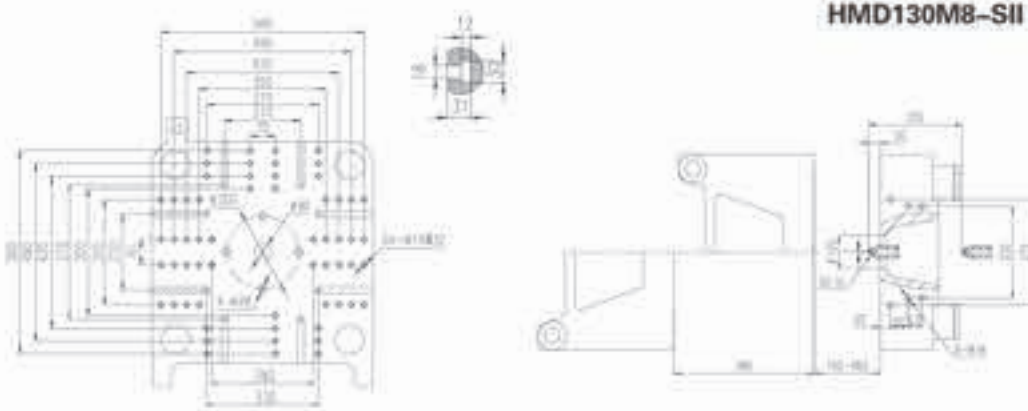
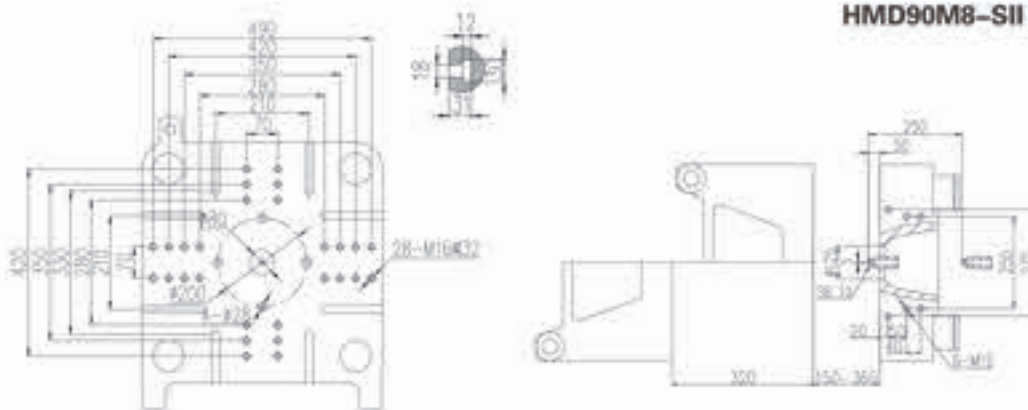


技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD90M8-SII			HMD130M8-SII				HMD170M8-SII			
国际公认型号	International size rating	——	282/90			445/130				587/170			
注射装置	INJECTION UNIT		A	B	C	A	B	C	D	A	B	C	D
理论注射容量	Injection volume(theoretical)	cm³	129	163	201	193	215	263	315	239	276	332	441
注射重量	Injection weight(PS)	g (克)	117	148	183	176	196	239	287	217	252	302	401
		oz (盎司)	4.1	5.2	6.5	6.2	6.9	8.4	10.1	7.7	8.9	10.7	14.2
注射速率	Injection rate(PS)	g/s	98	123	152	101	113	138	165	120	140	167	223
螺杆直径	Screw diameter	mm	32	36	40	36	38	42	46	39	42	46	53
注射压力	Injection pressure	MPa	219	173	140	230	207	169	141	234	202	169	127
螺杆长径比	Screw L/D ratio	——	22:1	19.6:1	17.6:1	23.5:1	22:1	20:1	18:1	23.4:1	21.8:1	20:1	17.3:1
螺杆行程	Screw stroke	mm	160			190				200			
螺杆转速	Screw speed	r/ min	0-300			0-259				0-243			
合模装置	CLAMPING UNIT												
锁模力	Clamping force	kN	900			1300				1700			
移模行程	Mold opening stroke	mm	320			380				450			
模板尺寸	Platen size	mm	535x535			630x610				710x690			
拉杆内间距	Dist. between tie bars (HxV)	mm	360x360			430x410				480x460			
模板最大距离	Max.daylight	mm	680			840				970			
容模量 (最小—最大)	Mold thickness(Min-Max)	mm	150 ~ 380			150 ~460				180 ~ 520			
顶出行程	Ejector stroke	mm	100			125				140			
顶出力	Ejector tonnage	kN	31			42				50			
动力/电热	POWER UNIT												
油压系统压力	Hydraulic system pressure	MPa	16			17.5				17.5			
油泵马达	Pump motor power	kW	18.7			18.7				23			
电热功率	Heater power	kW	8.6			9.1				12.5			
温度控制区数	Number of temp control zones	——	4			4				4			
其 它	OTHERS												
油箱容积	Oil tank	L (升)	125			135				170			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	4.0x1.2x1.9			4.5x1.4x1.9				4.9x1.4x2.1			
机器重量	Machine weight	Ton	3.5			4				5			
机器尺寸/MACHINE DIMENSION			HMD90M8-SII			HMD130M8-SII				HMD170M8-SII			
A			1528			1629				1730			
B			3911			4423				4892			
C			4016			4502				4946			
D			1897			1908				2105			
E			1193			1400				1448			

说明：由于产品改进，技术参数的变更，恕不另行通知。

模板尺寸
PLATEN DIMENSION



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

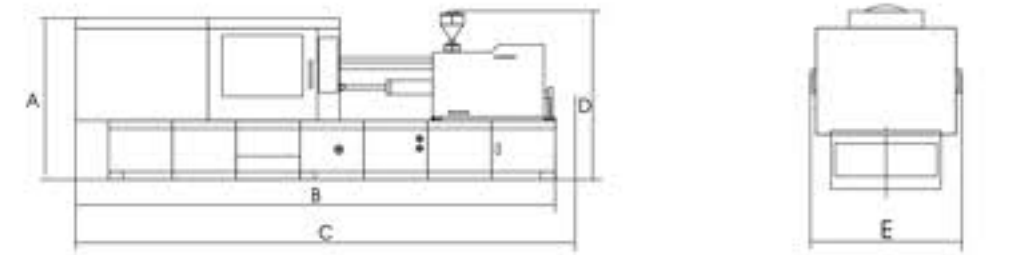
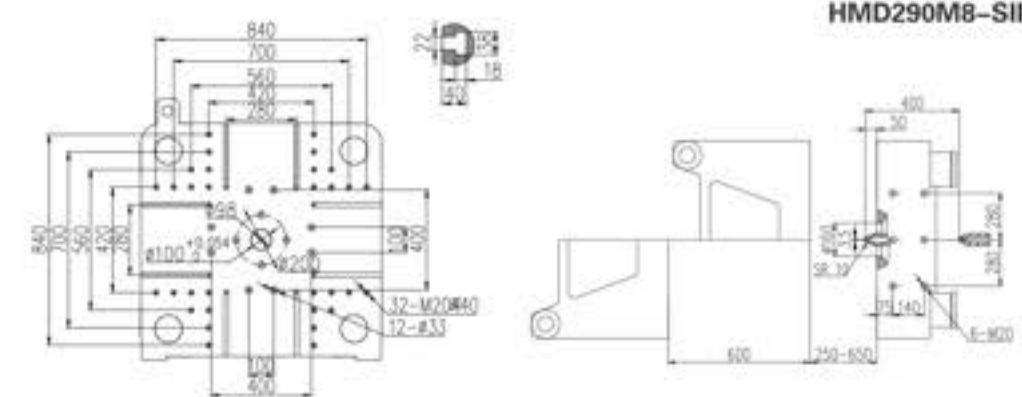
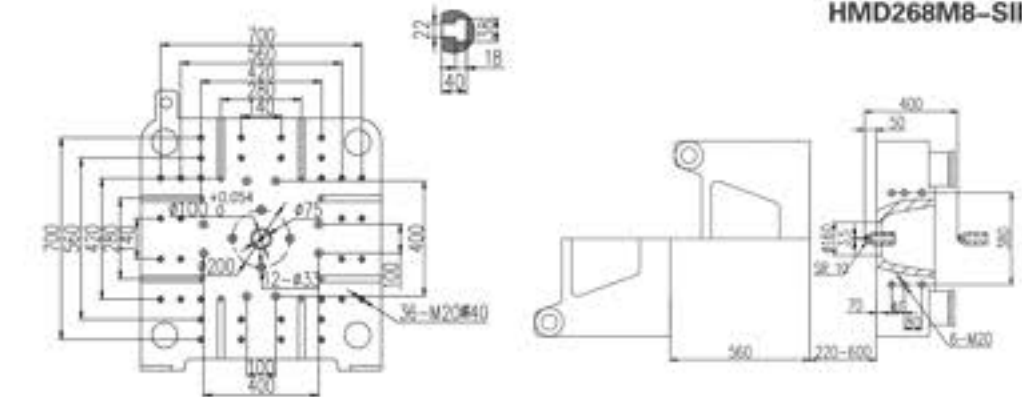
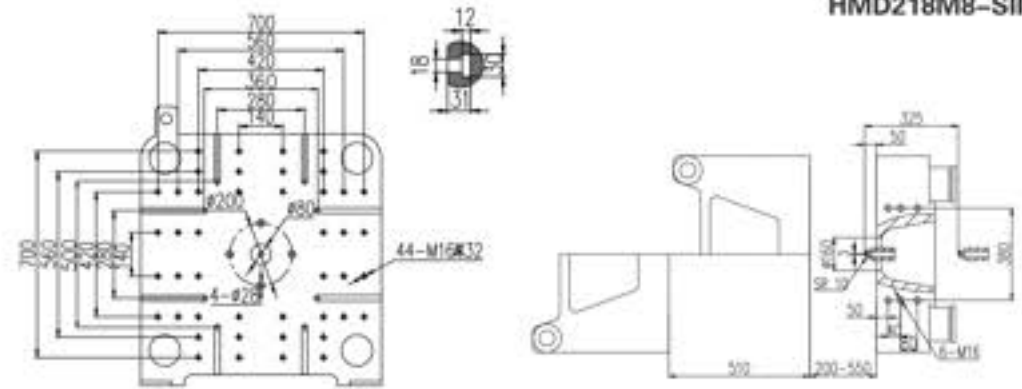
技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD218M8-SII				HMD268M8-SII				HMD290M8-SII			
国际公认型号	International size rating	—	876/218				1385/268				1385/290			
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)	cm³	399	471	529	678	589	662	848	1058	589	662	848	1058
注射重量	Injection weight(PS)	g (克)	363	423	482	617	536	602	772	963	536	602	772	963
		oz (盎司)	12.8	15.1	17	21.8	18.9	21.2	27.2	34	18.9	21.2	27.2	34
注射速率	Injection rate(PS)	g/s	163	192	216	277	197	222	284	355	197	222	284	355
螺杆直径	Screw diameter	mm	46	50	53	60	50	53	60	67	50	53	60	67
注射压力	Injection pressure	MPa	220	186	166	127	235	209	183	131	235	209	163	131
螺杆长径比	Screw L/D ratio	— —	24.1:1	22.2:1	21:1	18.5:1	24.5:1	23:1	20.3:1	18.3:1	24.5:1	23:1	20.3:1	18.3:1
螺杆行程	Screw stroke	mm	240				300				300			
螺杆转速	Screw speed	r/ min	0-240				0-217				0-217			
合模装置	CLAMPING UNIT													
锁模力	Clamping force	kN	2180				2680				2900			
移模行程	Mold opening stroke	mm	510				560				600			
模板尺寸	Platen size	mm	780x780				835x835				920x920			
拉杆内间距	Dist. between tie bars (HxV)	mm	530x530				580x580				630x630			
模板最大距离	Max.daylight	mm	1060				1160				1250			
容模量 (最小—最大)	Mold thickness(Min-Max)	mm	200 – 550				220 – 600				250 – 650			
顶出行程	Ejector stroke	mm	140				160				160			
顶出力	Ejector tonnage	kN	50				77				77			
动力/电热	POWER UNIT													
油压系统压力	Hydraulic system pressure	MPa	17.5				17.5				17.5			
油泵马达	Pump motor power	kW	31.3				36.5				36.5			
电热功率	Heater power	kW	16.4				21.9				21.9			
温度控制区数	Number of temp control zones	— —	5				6				6			
其 它	OTHERS													
油箱容积	Oil tank	L (升)	270				325				340			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	5.5x1.6x2.1				6.2x1.7x2.3				6.4x1.8x2.4			
机器重量	Machine weight	Ton	7				9				11.5			

机器尺寸/MACHINE DIMENSION		HMD218M8-SII	HMD268M8-SII	HMD290M8-SII
A		1824	1917	2013
B		5450	6187	6350
C		5670	6265	6420
D		2120	2337	2412
E		1633	1656	1795

说明：由于产品改进，技术参数的变更，恕不另行通知。

模板尺寸
PLATEN DIMENSION



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

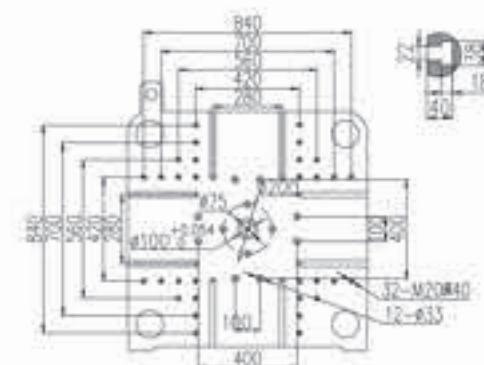
技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD320M8-SII				HMD430M8-SII				HMD500M8-SII			
国际公认型号	International size rating	—	1930/320				2853/430				3148/500			
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	829	918	1145	1435	1385	1590	1809	2289	1590	1810	2042	2550
注射重量	Injection weight(PS)	g (克)	755	838	1042	1306	1260	1447	1646	2083	1447	1641	1858	2321
		oz (盎司)	26.6	29.5	36.8	46.1	44.5	51.1	58.1	73.5	51.1	58.1	65.6	81.9
注射速率	Injection rate(PS)	g/s	251	278	347	434	354	406	462	585	424	482	544	680
螺杆直径	Screw diameter	mm	57	60	67	75	70	75	80	90	75	80	85	95
注射压力	Injection pressure	MPa	233	210	168	134	206	180	158	125	198	174	155	124
螺杆长径比	Screw L/D ratio	—	26.5:1	25.2:1	22.5:1	20.1:1	25.8:1	24:1	22.5:1	20:1	25.8:1	24.2:1	22.8:1	20.4:1
螺杆行程	Screw stroke	mm	325				360				360			
螺杆转速	Screw speed	r/ min	0-178				0-150				0-155			
合模装置	CLAMPING UNIT													
锁模力	Clamping force	kN	3200				4300				5000			
移模行程	Mold opening stroke	mm	670				730				810			
模板尺寸	Platen size	mm	960x960				1032x1042				1128x1168			
拉杆内间距	Dist. between tie bars (HxV)	mm	680x680				760x730				830x830			
模板最大距离	Max.daylight	mm	1340				1460				1630			
容模量(最小—最大)	Mold thickness(Min-Max)	mm	250 - 670				250 - 730				300 - 820			
顶出行程	Ejector stroke	mm	160				185				210			
顶出力	Ejector tonnage	kN	77				111				111			
动力/电热	POWER UNIT													
油压系统压力	Hydraulic system pressure	MPa	17.5				17.5				17.5			
油泵马达	Pump motor power	kW	50.2				64.6				36.5+31.3			
电热功率	Heater power	kW	31				38.5				41.5			
温度控制区数	Number of temp control zones	—	6				6				6			
其 它	OTHERS													
油箱容积	Oil tank	L (升)	380				500				590			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	6.8x1.8x2.4				8.0x2.0x2.6				8.3x2.1x2.6			
机器重量	Machine weight	Ton	12				18				22			

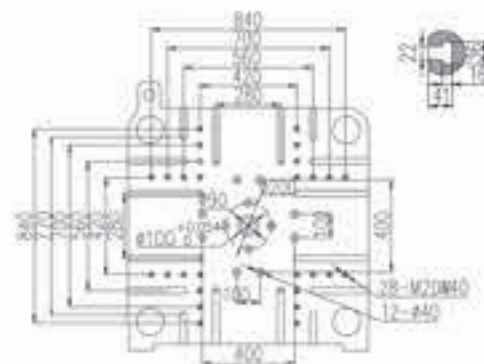
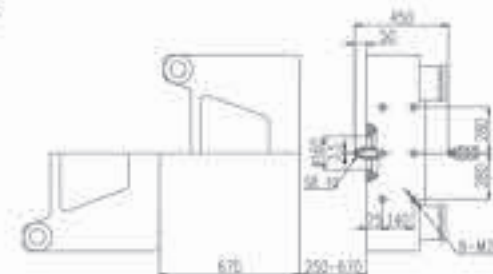
机器尺寸/MACHINE DIMENSION	HMD320M8-SII	HMD430M8-SII	HMD500M8-SII
A	2110	2054	2139
B	6789	7894	8313
C	7051	8046	8547
D	2413	2572	2632
E	1845	2040	2130

说明：由于产品改进，技术参数的变更，恕不另行通知。

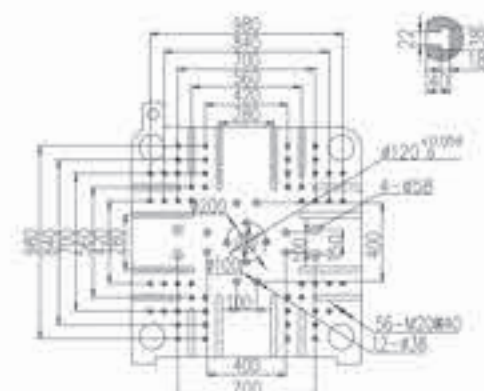
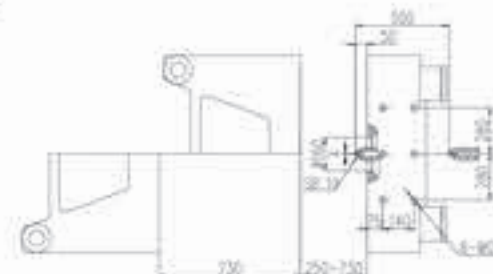
模板尺寸 PLATEN DIMENSION



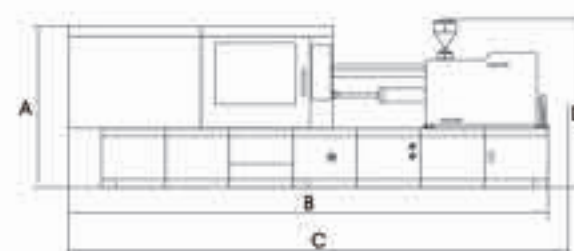
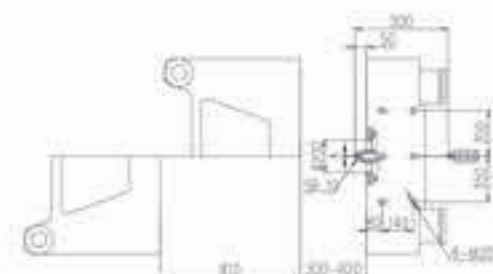
HMD320M8-SII



HMD430M8-SII



HMD500M8-SII



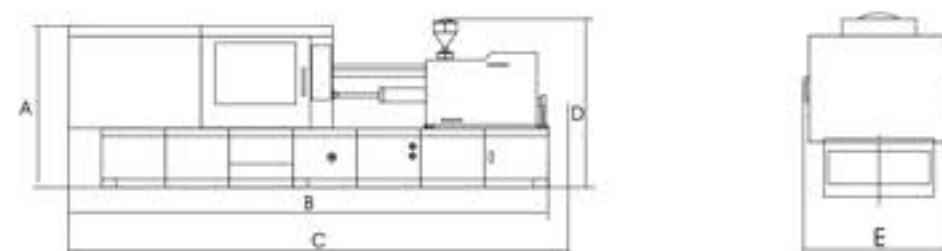
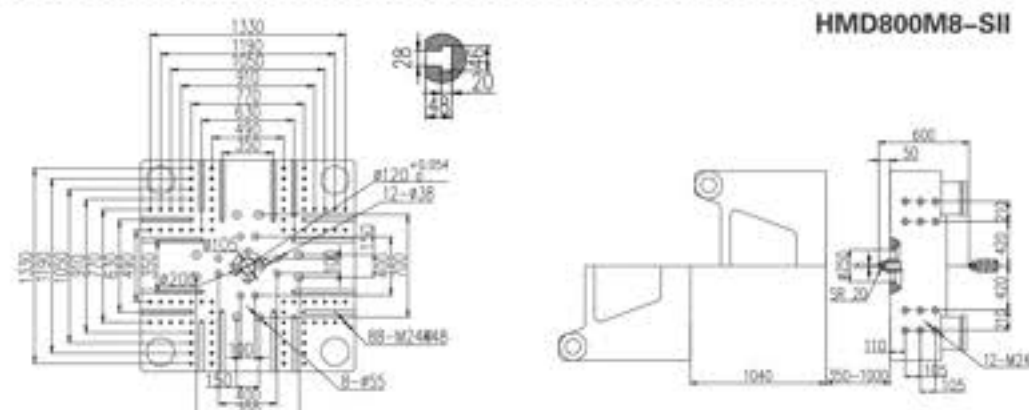
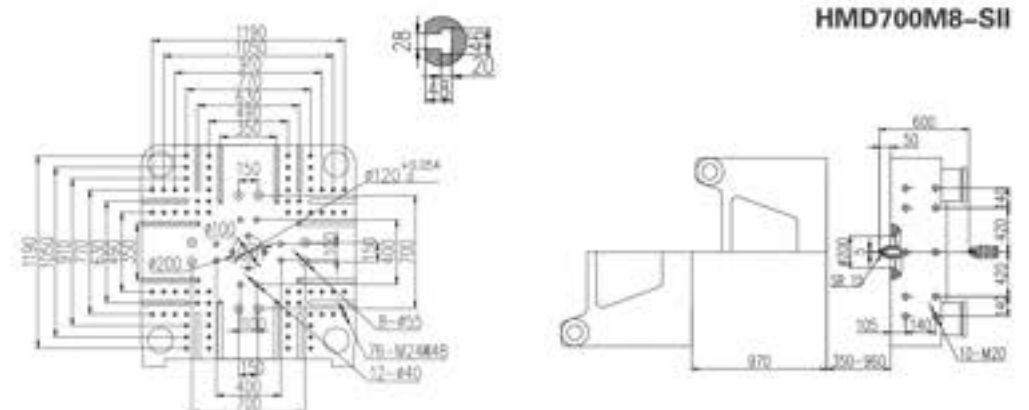
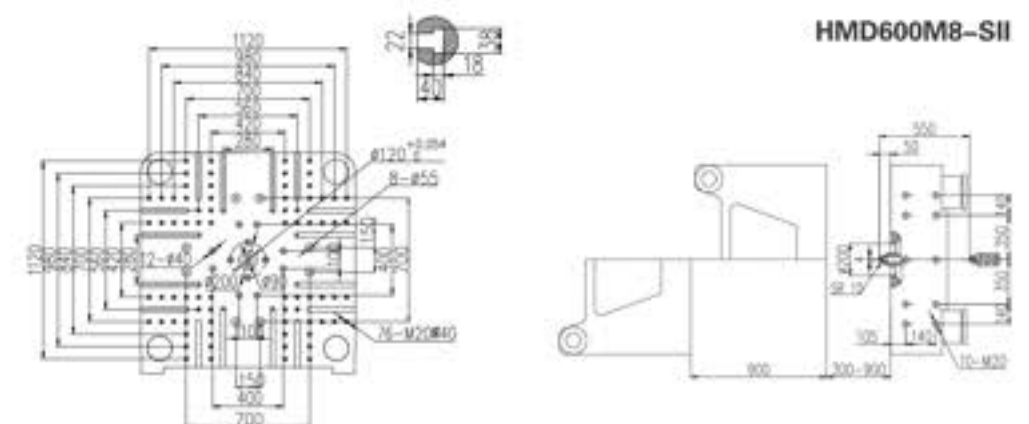
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技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD600M8-SII				HMD700M8-SII				HMD800M8-SII			
国际公认型号	International size rating	—	4456/600				5312/700				6392/800			
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)	cm³	2262	2554	2863	3534	2554	2863	3190	3896	3180	3544	4329	5193
注射重量	Injection weight(PS)	g (克)	2058	2324	2605	3216	2324	2605	2903	3546	2894	3225	3939	4725
		oz (盎司)	72.6	82	91.9	113.4	82	91.9	102.4	125.1	102.1	113.8	139	166.7
注射速率	Injection rate(PS)	g/s	485	548	614	758	505	567	631	771	580	647	789	948
螺杆直径	Screw diameter	mm	80	85	90	100	85	90	95	105	90	95	105	115
注射压力	Injection pressure	MPa	197	174	156	126	208	185	166	136	201	181	148	123
螺杆长径比	Screw L/D ratio	— —	24.8:1	23.3:1	22:1	19.8:1	25.2:1	23.8:1	22.5:1	20.4:1	24.3:1	23:1	20.8:1	19:1
螺杆行程	Screw stroke	mm	450				450				500			
螺杆转速	Screw speed	r/ min	0~140				0~148				0~136			
合模装置	CLAMPING UNIT													
锁模力	Clamping force	kN	6000				7000				8000			
移模行程	Mold opening stroke	mm	900				970				1040			
模板尺寸	Platen size	mm	1210x1250				1325x1345				1420x1440			
拉杆内间距	Dist. between tie bars (HxV)	mm	900x880				970x930				1020x1000			
模板最大距离	Max.daylight	mm	1800				1930				2040			
容模量 (最小—最大)	Mold thickness(Min—Max)	mm	300 ~ 900				350 ~ 960				350~1000			
顶出行程	Ejector stroke	mm	240				265				280			
顶出力	Ejector tonnage	kN	151				182				182			
动力/电热	POWER UNIT													
油压系统压力	Hydraulic system pressure	MPa	17.5				17.5				17.5			
油泵马达	Pump motor power	kW	50.2+31.3				50.2+36.5				50.2+50.2			
电热功率	Heater power	kW	46.3				52.7				54.5			
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)	550				680				1000			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	9.2x2.3x2.5				9.7x2.4x2.7				10.5x2.5x3.3			
机器重量	Machine weight	Ton	25				32				38			

机器尺寸/MACHINE DIMENSION	HMD600M8-SII	HMD700M8-SII	HMD800M8-SII
A	2026	2213	2280
B	9238	9656	10576
C	9238	9739	10576
D	2523	2721	3322
E	2254	2380	2488

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。

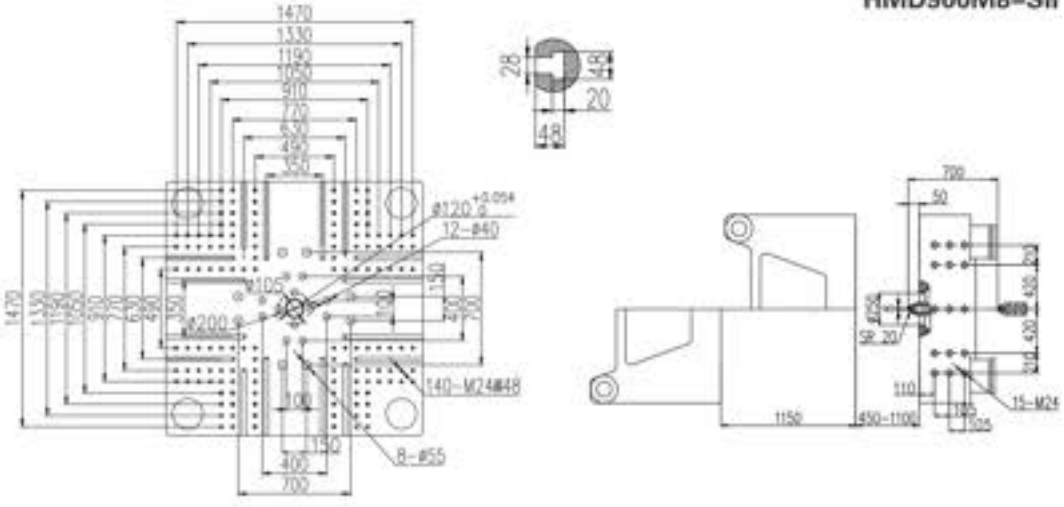
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技术参数表 SPECIFICATIONS

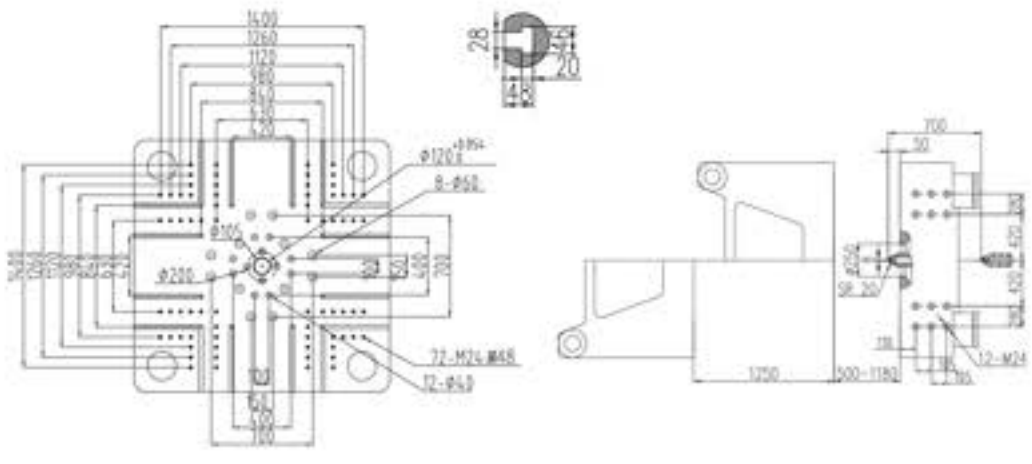
参数	PARAMETER	UNIT	HMD900M8-SII				HMD1100M8-SII			
国际公认型号	International size rating	—	7772/900				8514/1100			
注射装置	INJECTION UNIT		A	B	C	D	A	B	C	D
理论注射容量	Injection volume(theoretical)	cm ³	3308	4084	4942	5881	3686	4503	5401	6381
注射重量	Injection weight(PS)	g (克)	3010	3717	4497	5352	3354	4097	4915	5807
		oz (盎司)	106.2	131.1	158.6	188.8	118.3	144.5	173.4	204.8
注射速率	Injection rate(PS)	g/s	621	767	928	1105	719	878	1053	1245
螺杆直径	Screw diameter	mm	90	100	110	120	95	105	115	125
注射压力	Injection pressure	MPa	235	190	157	132	231	189	158	134
螺杆长径比	Screw L/D ratio	—	24.8:1	22.4:1	20.3:1	18.6:1	24.7:1	22.5:1	20.2:1	18.3:1
螺杆行程	Screw stroke	mm	520				520			
螺杆转速	Screw speed	r/ min	0-160				0-120			
合模装置	CLAMPING UNIT									
锁模力	Clamping force	kN	9000				11000			
移模行程	Mold opening stroke	mm	1150				1250			
模板尺寸	Platen size	mm	1560x1560				1710x1710			
拉杆内间距	Dist. between tie bars (HxV)	mm	1080x1080				1180x1180			
模板最大距离	Max.daylight	mm	2250				2430			
容模量 (最小—最大)	Mold thickness(Min—Max)	mm	450-1100				500-1180			
顶出行程	Ejector stroke	mm	300				320			
顶出力	Ejector tonnage	kN	210				210			
动力/电热	POWER UNIT									
油压系统压力	Hydraulic system pressure	MPa	17.5				17.5			
油泵马达	Pump motor power	kW	64.6+64.6				64.6+36.5+36.5			
电热功率	Heater power	kW	65				68.6			
温度控制区数	Number of temp control zones	—	7				7			
其它	OTHERS									
油箱容积	Oil tank	L (升)	1140				1370			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	10.5x2.7x3.4				11.8x2.8x3.4			
机器重量	Machine weight	Ton	43				49			

机器尺寸/MACHINE DIMENSION		HMD900M8-SII	HMD1100M8-SII
A		2290	2412
B		10500	11765
C		10910	11765
D		3360	3405
E		2670	2810

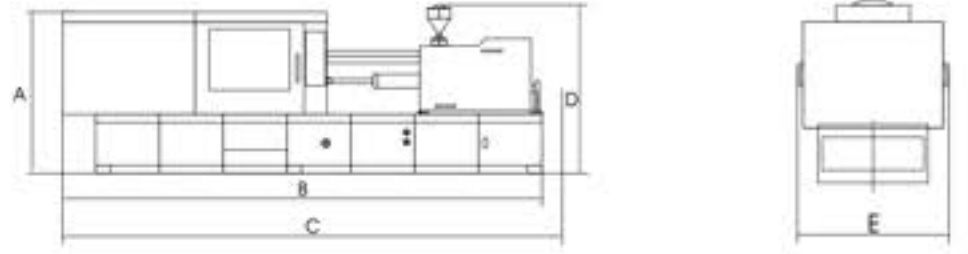
模板尺寸
PLATEN DIMENSION



HMD900M8-SII



HMD1100M8-SII



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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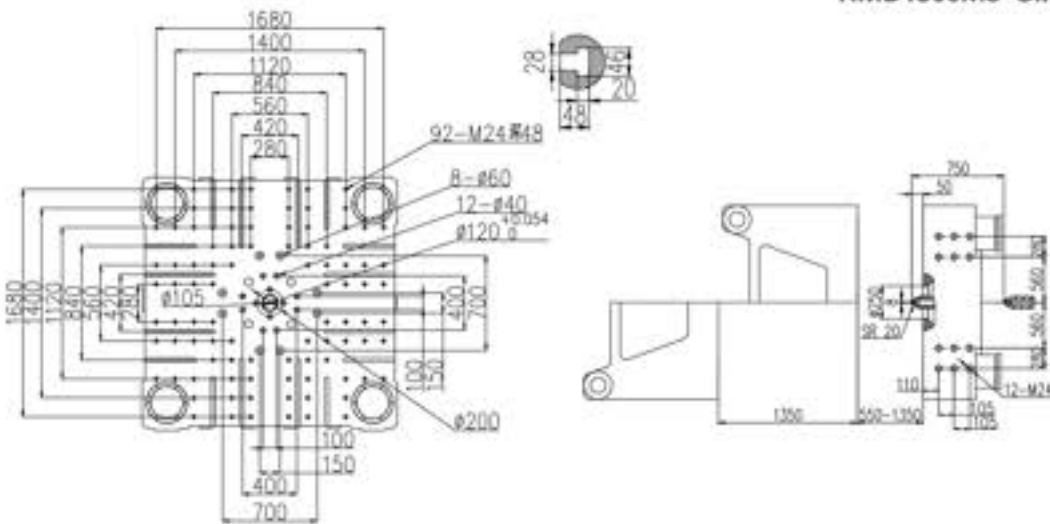
技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD1300M8-SII				HMD1500M8-SII			
国际公认型号	International size rating	—	10897/1300				13087/1500			
注射装置	INJECTION UNIT		A	B	C	D	A	B	C	D
理论注射容量	Injection volume(theoretical)	cm³	5022	6024	7118	8302	6232	7360	8588	9908
注射重量	Injection weight(PS)	g (克)	4570	5482	6477	7555	5671	6700	7815	9016
		oz (盎司)	161.2	193.4	228.5	266.5	200	236.3	275.7	318
注射速率	Injection rate(PS)	g/s	886	1063	1256	1465	1045	1234	1440	1661
螺杆直径	Screw diameter	mm	105	115	125	135	115	125	135	145
注射压力	Injection pressure	MPa	217	181	153	132	210	177	152	132
螺杆长径比	Screw L/D ratio	—	25.1:1	22.8:1	21:1	19.4:1	24.2:1	22.3:1	20.6:1	19.2:1
螺杆行程	Screw stroke	mm	580				600			
螺杆转速	Screw speed	r/ min	0~94				0~95			
合模装置	CLAMPING UNIT									
锁模力	Clamping force	kN	13000				15000			
移模行程	Mold opening stroke	mm	1350				1550			
模板尺寸	Platen size	mm	1845x1815				2060x1960			
拉杆内间距	Dist. between tie bars (HxV)	mm	1300x1250				1460x1360			
模板最大距离	Max.daylight	mm	2700				2950			
容模量 (最小—最大)	Mold thickness(Min—Max)	mm	550~1350				700~1400			
顶出行程	Ejector stroke	mm	330				350			
顶出力	Ejector tonnage	kN	230				330			
动力/电热	POWER UNIT									
油压系统压力	Hydraulic system pressure	MPa	17.5				17.5			
油泵马达	Pump motor power	kW	64.6+64.6+36.5				64.6+64.6+64.6			
电热功率	Heater power	kW	79.3				82.3			
温度控制区数	Number of temp control zones	—	7				8			
其它	OTHERS									
油箱容积	Oil tank	L (升)	1350				1800			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	12.1x3x3.5				13.2x3.0x3.7			
机器重量	Machine weight	Ton	61				87			

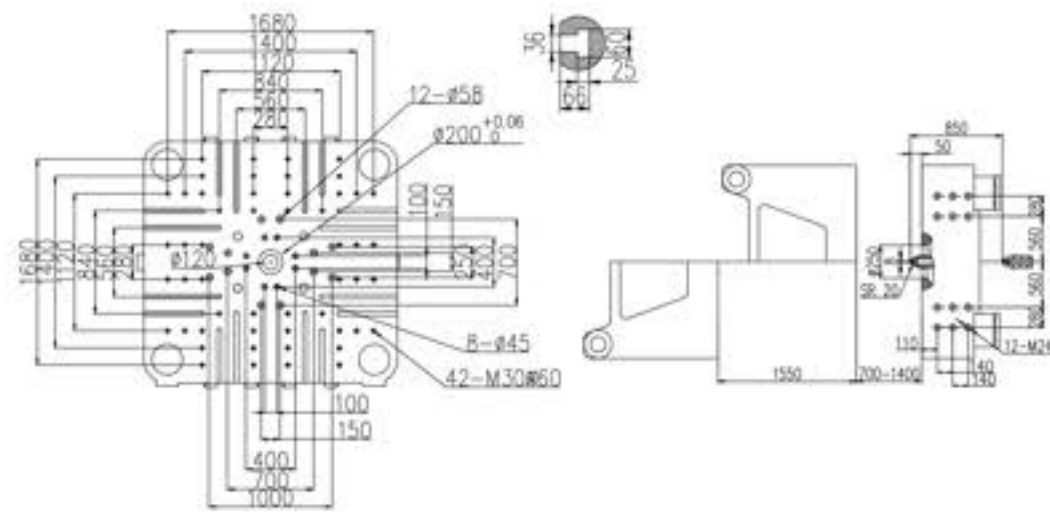
机器尺寸/MACHINE DIMENSION		HMD1300M8-SII	HMD1500M8-SII
A		2567	2655
B		12126	13229
C		12341	13630
D		3497	3671
E		2980	3039

说明：由于产品改进，技术参数的变更，恕不另行通知。

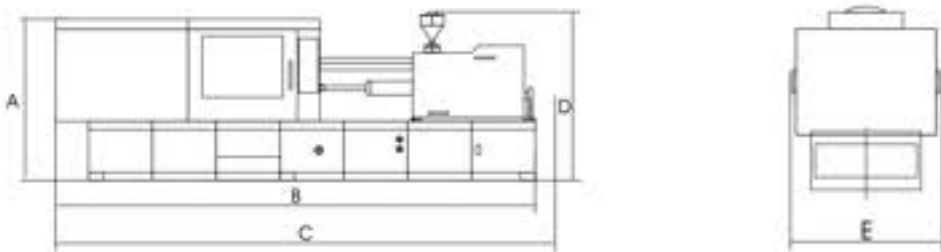
模板尺寸
PLATEN DIMENSION



HMD1300M8-SII



HMD1500M8-SII



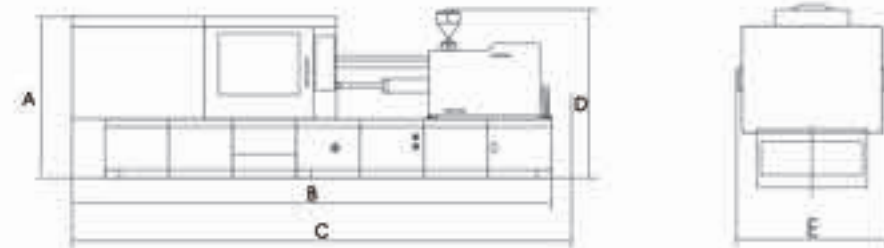
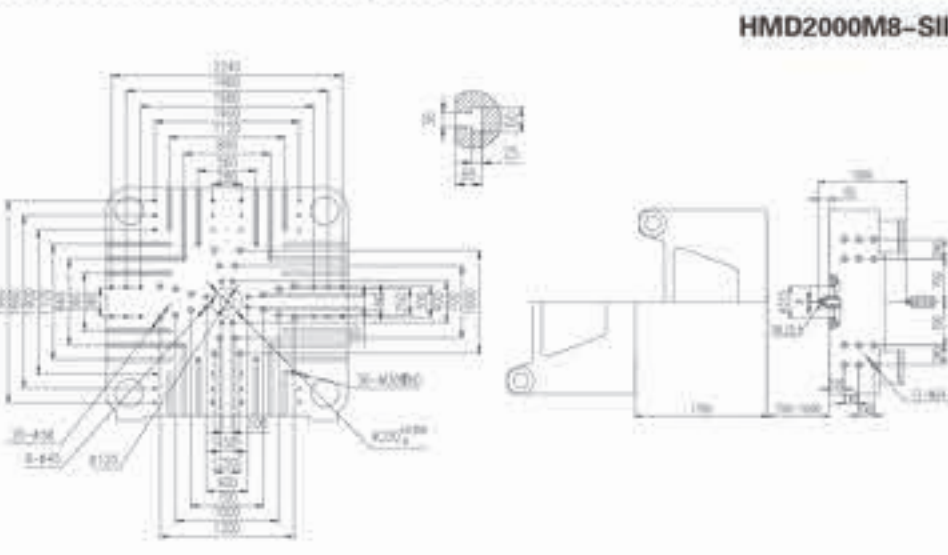
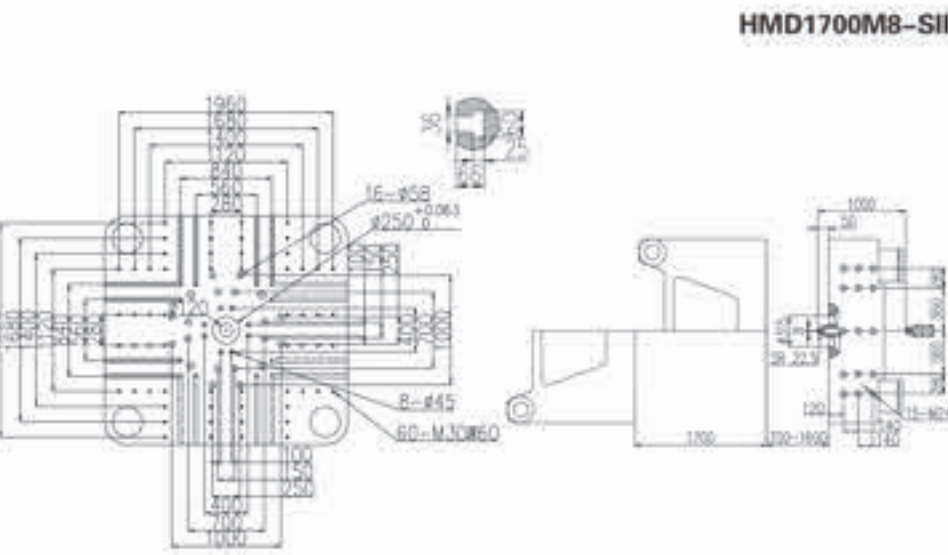
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技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD1700M8-SII								HMD2000M8-SII							
国际公认型号	International size rating	——	15069/1700				19232/1700				19232/2000				29000/2000			
注射装置	INJECTION UNIT		A	B	C	D	A	B	C	D	A	B	C	D	A	B		
理论注射容量	Injection volume(theoretical)	cm³	7351	8628	10006	11486	9291	10776	12370	14074	9291	10776	12370	14074	18086	20418		
注射重量	Injection weight(PS)	g (克)	6690	7851	9105	10453	8455	9806	11257	12808	8455	9806	11257	12808	16459	18580		
		oz (盎司)	236	276.9	321.2	368.7	298.2	345.9	397.1	451.8	298.2	345.9	397.1	451.8	580.6	655.4		
注射速率	Injection rate(PS)	g/s	1070	1256	1457	1672	1158	1341	1539	1751	1156	1341	1539	1751	1516	1712		
螺杆直径	Screw diameter	mm	120	130	140	150	130	140	150	160	130	140	150	160	160	170		
注射压力	Injection pressure	MPa	205	174	150	131	207	179	156	137	207	179	156	137	158	140		
螺杆长径比	Screw L/D ratio	——	23.3:1	22.6:1	20:1	18.7:1	24.3:1	22.5:1	21:1	19.7:1	24.3:1	22.5:1	21:1	19.7:1	23:1	21.6:1		
螺杆行程	Screw stroke	mm	650				700				700				900			
螺杆转速	Screw speed	r/ min	0-85				0-90				0-90				0-72			
合模装置	CLAMPING UNIT																	
锁模力	Clamping force	kN	17000								20000							
移模行程	Mold opening stroke	mm	1700								1750							
模板尺寸	Platen size	mm	2225x2085								2425 x 2305							
拉杆内间距	Dist. between tie bars (HxV)	mm	1560x1430								1720 x 1600							
模板最大距离	Max.daylight	mm	3300								3350							
容模量 (最小—最大)	Mold thickness(Min-Max)	mm	700-1600								750-1600							
顶出行程	Ejector stroke	mm	400								400							
顶出力	Ejector tonnage	kN	330								430							
动力/电热	POWER UNIT																	
油压系统压力	Hydraulic system pressure	MPa	17.5								17.5							
油泵马达	Pump motor power	kW	64.6+64.6+64.6				64.6+64.6+76				64.6+64.6+76				64.6+64.6+76			
电热功率	Heater power	kW	98.1				100				100				130			
温度控制区数	Number of temp control zones	——	8				8				8				9			
其 它	OTHERS																	
油箱容积	Oil tank	L (升)	2200								2700							
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	14.7x3.2x3.6								16.5x3.5x3.7							
机器重量	Machine weight	Ton	103				105				115				117			
机器尺寸/MACHINE DIMENSION			HMD1700M8-SII								HMD2000M8-SII							
A			2690								3210							
B			14723								16200							
C			14811								16566							
D			3631								3695							
E			3223								3500							

说明：由于产品改进，技术参数的变更，恕不另行通知。

模板尺寸
PLATEN DIMENSION



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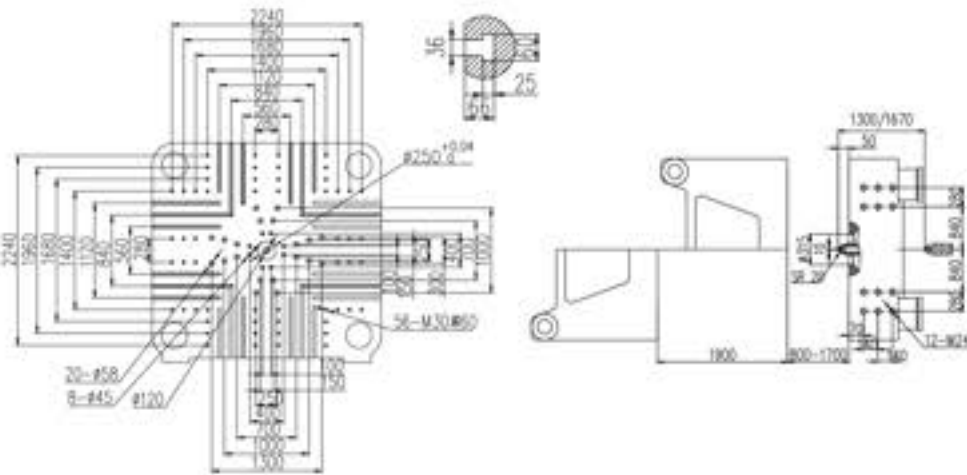
技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD2280M8-SII				HMD2400M8-SII			
国际公认型号	International size rating	——	40000/2280		58000/2280		40000/2400		58000/2400	
注射装置	INJECTION UNIT		A	B	A	B	A	B	A	B
理论注射容量	Injection volume(theoretical)	cm³	25434	28339	37680	41542	25434	28339	37680	41542
注射重量	Injection weight(PS)	g (克)	23145	25788	34289	37803	23145	25788	34289	37803
		oz (盎司)	816.4	909.6	1209.5	1333.5	816.4	909.6	1209.5	1333.5
注射速率	Injection rate(PS)	g/s	1877	2091	2167	2390	1877	2091	2167	2390
螺杆直径	Screw diameter	mm	180	190	200	210	180	190	200	210
注射压力	Injection pressure	MPa	156	140	154	139	156	140	154	139
螺杆长径比	Screw L/D ratio	— —	24:1	22.7:1	21.5:1	20.5:1	24:1	22.7:1	21.5:1	20.5:1
螺杆行程	Screw stroke	mm	1000		1200		1000		1200	
螺杆转速	Screw speed	r/ min	0~58		0~58		0~58		0~58	
合模装置	CLAMPING UNIT									
锁模力	Clamping force	kN	22800				24000			
移模行程	Mold opening stroke	mm	1900				1980			
模板尺寸	Platen size	mm	2505x2380				2615x2480			
拉杆内间距	Dist. between tie bars (HxV)	mm	1770x1600				1850x1650			
模板最大距离	Max.daylight	mm	3600				3780			
容模量 (最小—最大)	Mold thickness(Min—Max)	mm	800—1700				800—1800			
顶出行程	Ejector stroke	mm	420				480			
顶出力	Ejector tonnage	kN	430				565			
动力/电热	POWER UNIT									
油压系统压力	Hydraulic system pressure	MPa	17.5				17.5			
油泵马达	Pump motor power	kW	60+60+60+60		60+60+72+72		60+60+60+60		60+60+72+72	
电热功率	Heater power	kW	173.9		204.5		173.9		204.5	
温度控制区数	Number of temp control zones	— —	11		13		11		13	
其 它	OTHERS									
油箱容积	Oil tank	L (升)	3400				3400			
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	18.7x3.9x4.2				19.1x4.2x4.0			
机器重量	Machine weight	Ton	148		154		175		180	
机器尺寸/MACHINE DIMENSION			HMD2280M8-SII				HMD2400M8-SII			
A			3095				3038			
B			18747				19167			
C			18747				19167			
D			4221				4222			
E			3945				4010			

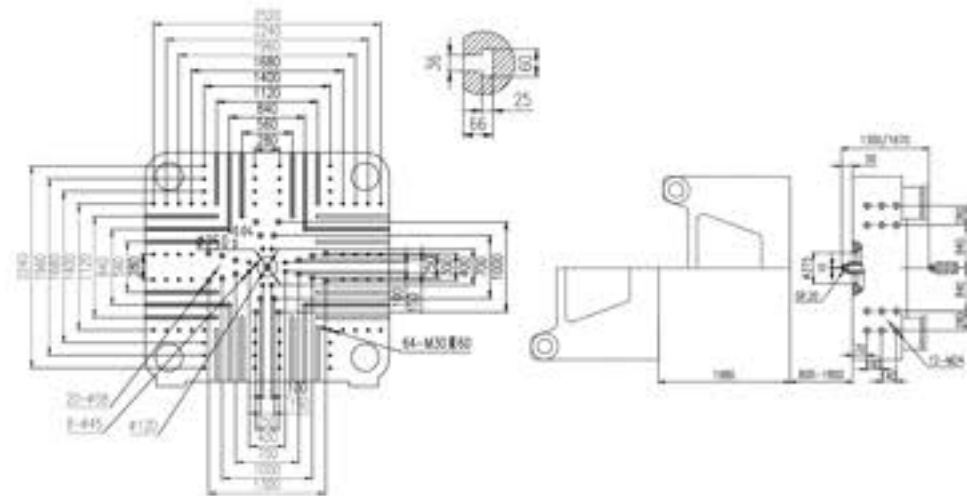
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模板尺寸

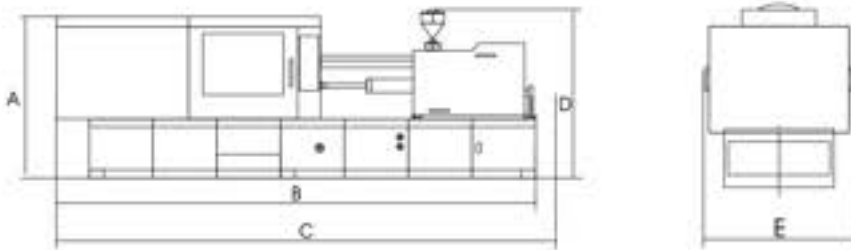
PLATEN DIMENSION



HMD2280M8-SII



HMD2400M8-SII



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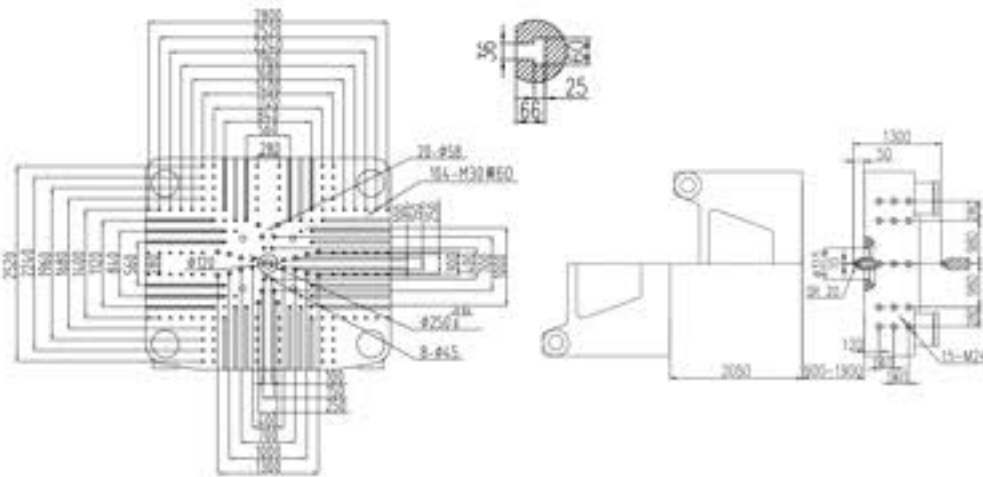
技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD2900M8-SII				HMD3300M8-SII				
国际公认型号	International size rating	——	58000/2900		72000/2900		72000/3300		103000/3300		
注射装置	INJECTION UNIT		A	B	A	B	A	B	A	B	C
理论注射容量	Injection volume(theoretical)	cm³	37680	41542	47493	51908	47493	51908	61073	66268	71638
注射重量	Injection weight(PS)	g (克)	34289	37803	43218	47236	43218	47236	55576	60304	65191
		oz (盎司)	1209.5	1333.5	1524.5	1666.2	1524.5	1666.2	1960.4	2127.1	2300
注射速率	Injection rate(PS)	g/s	2376	2620	2403	2627	2403	2627	2757	2992	3236
螺杆直径	Screw diameter	mm	200	210	220	230	220	230	240	250	260
注射压力	Injection pressure	MPa	154	139	152	139	152	139	169	156	144
螺杆长径比	Screw L/D ratio	——	21.5:1	20.5:1	21.5:1	20.5:1	21.5:1	20.5:1	23:1	23:1	22.9:1
螺杆行程	Screw stroke	mm	1200		1250		1250		1350		
螺杆转速	Screw speed	r/ min	0-58		0-65		0-65		0-54		
合模装置	CLAMPING UNIT										
锁模力	Clamping force	kN	29000				33000				
移模行程	Mold opening stroke	mm	2050				2180				
模板尺寸	Platen size	mm	2620x2520				3150x2850				
拉杆内间距	Dist. between tie bars (HxV)	mm	2050x1750				2250x1900				
模板最大距离	Max.daylight	mm	3950				4280				
容模量 (最小—最大)	Mold thickness(Min-Max)	mm	900-1900				1000-2100				
顶出行程	Ejector stroke	mm	460				560				
顶出力	Ejector tonnage	kN	565				565				
动力/电热	POWER UNIT										
油压系统压力	Hydraulic system pressure	MPa	17.5				17.5				
油泵马达	Pump motor power	kW	60+60+60+60+60		60+60+60+60+60		60+60+60+60+60		72+72+72+72+72		
电热功率	Heater power	kW	204.5		237.3		237.3		295.5		
温度控制区数	Number of temp control zones	——	13		14		14		11		
其 它	OTHERS										
油箱容积	Oil tank	L (升)	3500				3500				
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	20.6x4.2x4.2		21x4.2x4.2		21.6x4.6x4.6		22.7x4.6x4.7		
机器重量	Machine weight	Ton	204		210		250		270		
机器尺寸/MACHINE DIMENSION			HMD2900M8-SII				HMD3300M8-SII				
A			3093				3635				
B			20000				21170				
C			20800				21610				
D			4245				4634				
E			4190				4610				

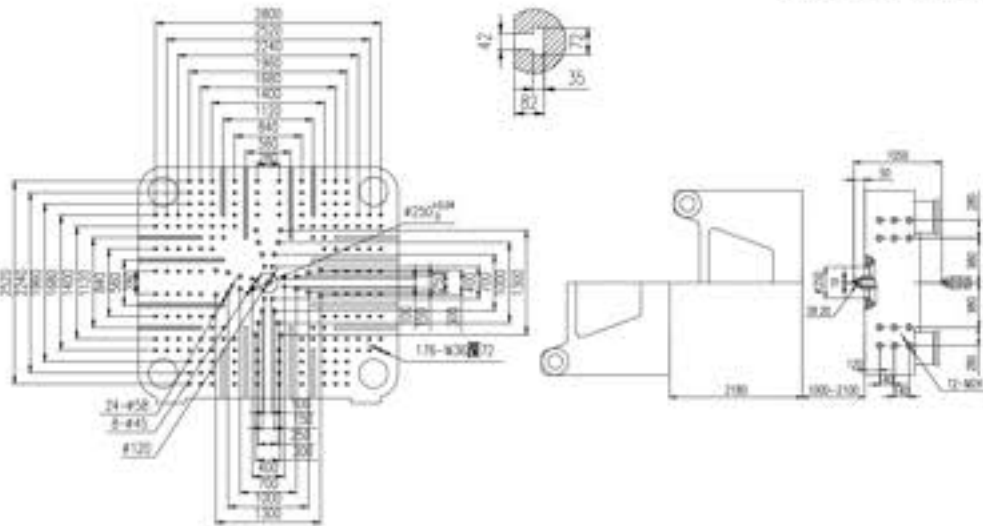
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模板尺寸

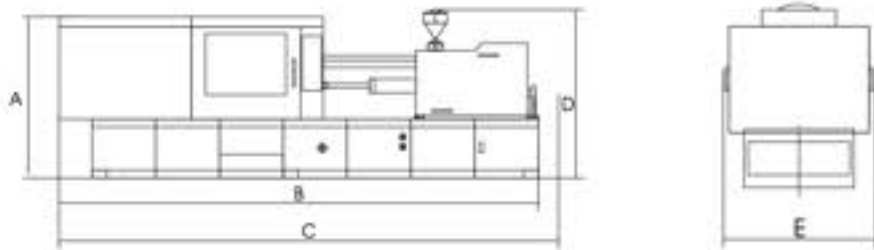
PLATEN DIMENSION



HMD2900M8-SII



HMD3300M8-SII



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