CHINA·HWAMDA

THE CRAFTSMANSHIP OF THE WORLD

中国的华美达,世界的工匠心



2025年5月修订

PET专用快速注胚系统

SPECIAL HIGH SPEED INJECTION MOLDING MACHINE
FOR PET PREFORM

宁波华美达集团有限公司
NINGBO HWAMDA GROUP CO., LTD.

地址：浙江省宁波市小港安居路368号
Add：Anju Road No.368, Xiao Gang Street,
Ningbo, Zhejiang, P.R. China
邮编（P.C.）：315801
Http://www.hwamda.com

国内销售
电话: 0574-86175111
0574-86176676
传真: 0574-86176890
邮箱: info@hwamda.com

International
Tel: 86-574-86176630
86-574-86228735
Fax: 86-574-86228918
E-mail: sales@hwamda.com



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。

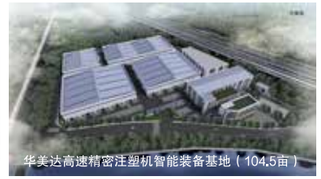
为贴近客户，公司大力开拓国际市场，在国内外建立60余处完善的销售机构及海外服务中心，华美达注塑机受到了北美、中东、南美、东南亚、欧洲及非洲等各个国家和地区客户的使用和欢迎，建立了面向国际市场的营销体系。

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







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.





针对各种水胚，碳酸饮料瓶胚及油脂瓶胚，采用专业的PET螺杆组优化设计，25:1超大螺杆比值，有效改善瓶胚生产中不良率问题，提高产品透明度。超快的塑化率可以极大为客户缩短生产周期，有效降低瓶胚AA值。

For all kinds of water bottles, carbonated beverage bottles and oil bottles, this series adopts special PET screw design, L/D ratio at 25:1, which can effectively improve the defective rate and the transparency of products. Ultra-fast plasticizing rate can greatly shorten the production cycle time, and effectively reduce the AA value of preform.

PET专用快速注胚系统

SPECIAL HIGH SPEED INJECTION MOLDING MACHINE FOR PET PREFORM

精密・可靠・稳定・快速

PRECISION

RELIABLE, STABLE, FAST

华美达PET快速注胚系统基于华美达M8SII系列设计平台，秉承“精密”，“可靠”，“稳定”，“快速”的设计理念，针对PET瓶胚生产特性而设计的，更加高效专业的PET瓶胚生产专用注塑机。相比行业内通用型瓶胚机，该系列为客户需求量身定制，凸显华美达在PET注胚行业定位精准专注，为客户实现生产价值更好服务的产品概念。

Hwamda high speed PET injection molding machine based on M8SII series design platform, adhering to the design concepts of "precision", "reliable", "stable" and "fast", aiming at the production characteristics of PET preform. Compared with the other brand PET machine , this series customize to the special needs of customers.



升级整体锁模机构机械强度，增强刚性，具有变形小，运行特性平稳，快速的优点。超大的开模行程和容模量，可以更加广泛的应用于各种规格尺寸的瓶胚模具生产。

Newly design clamping unit with high rigidity structure helps in hence of stable and efficiency performance as well as lowering contraction defects. Large opening stroke and mold thickness , can be widely used in the production of plastic preform mold of various sizes.

更加适应超长瓶胚模具的生产，尤其适合油脂瓶胚及三加仑瓶胚生产，有效避免了市场同类机型因顶出行程不足从而模具采用拉钩式脱模方式。

Suit to produce longer PET preform mold, especially for oil bottle and 3 gallon bottle, to avoids using pull-hook release mode.

针对PET瓶胚模具分布面广，腔数多，冷却后包裹力极强的特性，为各款PET机型匹配超大顶出力油缸，满足各款瓶胚模具生产要求的同时缩短顶出周期，节约生产时间。

Large ejection force suit to the mold with wide distribution,many cavities and strong wrapping force after cooling.Special design big ejector force cylinder to meet the required of various PET preform mold production and reduce the cycle time.

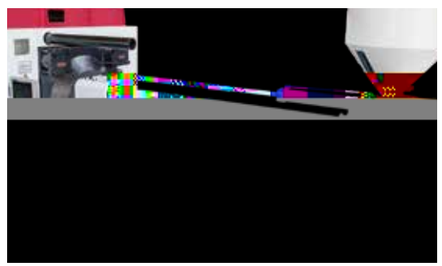
采用封闭定量检知式稀油润滑系统，定点润滑减少润滑油用量损失，提升润滑可靠性。

Closed-loop quantitative detection dilute oil lubrication system, fixed-point lubrication to reduce the loss of lubricating oil, and improve the lubrication reliability.

为配合瓶胚模具使用，加设顶针未回退开模强制后退功能，极大增强瓶胚模具顶出回退的灵活性。

Equipped with the function of ejection forced retreat, and greatly enhances the flexibility of ejection forward and back for the preform mold.

高强度机架设计，有效降低动作时冲击，增强机器动作平稳性，



优化的线性导轨设计
INJECTION UNIT USED LINER GUIDE



注射座采用整体射移支架优化设计，使射台移动受力均匀，提升注射时刚性，确保注射机构运动时受力方向和注射时受力同轴，提高注射时稳定性及精度。

Injection unit adopts the optimal design of the integral moving bracket, make the force more balance and injection more precise.

采用线性直线导轨滑块设计，减少注射和塑化时摩擦阻力，有效提升液压系统响应速度。

Injection unit used liner guide, to minimize the friction and increase the response speed of hydraulic system.



专业的PET螺杆优化设计
PET SCREW OPTIMIZATION DESIGN

采用特殊材料以及特殊热处理工艺，表面镀硬铬。针对提高产品透明度，提升瓶胚混色效果的工艺需要，料筒增加强制下料斜口，具有超高的塑化效果。相对于同类产品塑化率提12%–15%以上，有效缩短产品成型周期。

Using special materials and special heat treatment, equipped with material chute of barrel to improve product transparency and color mixing effect. Compared with similar products, the plasticizing ability is increased by 12% - 15%.

Plasticizing Rate 塑化率

12%–15%

采用特制加强型油马达
SPECIAL ENLARGED HYDRAULIC MOTOR

采用特制加强型油马达（带反冲洗自润功能），保证塑化稳定性及油马达使用寿命。

Adopt special enlarged hydraulic motor, with backwashing and self-moistening function, to ensure plasticizing stability and life-time.



电脑控制系统
COMPUTER CONTROL SYSTEM



机械、电器、液压三重保护，提高机器安全性。
Three Safety Protection System: Mechanical,electrical,hydraulic System.



人性化控制模具
射嘴针阀开启及关闭功能

EQUIPPED WITH MOULD NEEDLE VALE CONTROL FUNCTION

电脑界面多种选择模具针阀开启及关闭模式，各模式带有延时可以调校，供生产瓶胚工艺选择。

Control modes can be selected, each mode with delay can be adjusted.



- 冷却时卸高压功能，提前预开模节省周期时间。
  Release high pressure during cooling time, pre-opening mold to save cycle time.
- 螺杆转速设定功能以及比例背压调整，塑化设定更加简洁明了。
  Screw speed setting function, and proportional back pressure adjustment.
- 程序预留包装计数，报警提示，输送带转接接点，更加方便客户使用周边辅助设备连接机器。
  Reserves packaging count program, alarm clue, conveyor belt transfer interface, convenient to use peripheral auxiliary equipment to connect the machine.

PET PREFORM MOULD
配套PET模具



16腔瓶胚模具
16 Cavity Preform Mould



32腔瓶胚模具
32 Cavity Preform Mould



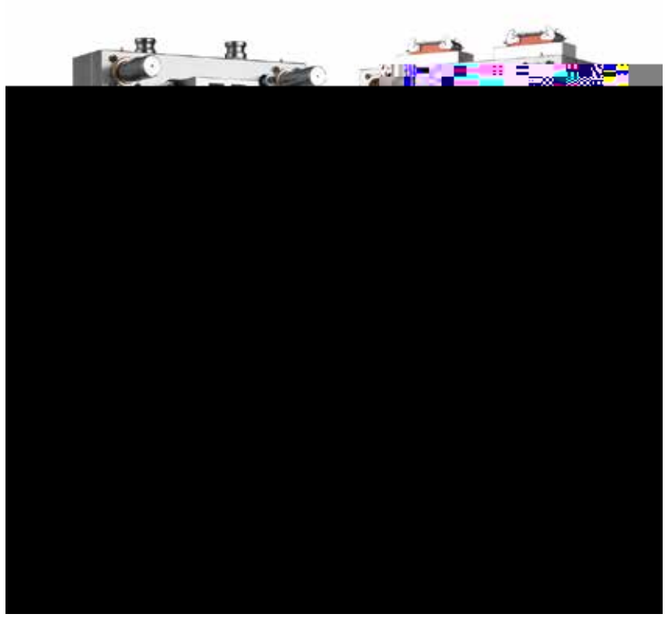
48腔瓶胚模具
48 Cavity Preform Mould



72腔瓶胚模具
72 Cavity Preform Mould



模具配件
Mould Parts



广口瓶胚模具
Jar Embryos Preform Mould

OPTIONAL ITEM
客户可选项目

1.锁模钣金部分可选择采用封闭全密封结构，客户使用模具除湿机针对瓶胚模具型芯型腔及表面冷凝水进行模具除露配套，使模具表面保持干燥；实现模具快速冷却。

Clamping unit metal cover, optional to fully sealed structure, using mold dehumidifier to dew the mold core cavity and surface condensed water to keep the mold surface dry, to achieve rapid mold cooling.

2.配套瓶胚模具增加集成冷却运水装置，提高模具冷却周期；同时避免模具冷却管道凌乱交错，体现整体美观。

Integrated design of cooling water interface avoids the disorder of water pipes, to save cooling time.

3.模具顶出电眼检测脱胚功能，检测瓶胚模具产品顶出；电脑程序页面预留检测功能程序及IO接点，根据客户选配安装。此功能可以极大地保护模具使用寿命，防止短注瓶胚第二次撞伤模具型腔。

Mold ejection with photo sensor check performer drop out, computer program page reserves the inspect function program and the IO interface, to avoid the mold cavity damage and prolong mold lifetime.

4.选配标准的混色加料接点及插头，实现快速安装及使用。

Optional with color mixing feeding point and plug.

5.料筒加热选配红外线节能加热系统。

Optional with infrared heating bands.

6.液压部分采用伺服驱动及伺服电机驱动油泵，可选配加大油泵伺服电机功率（选配项目），实现高速生产，比常规机器速度提高20%。

Hydraulic unit adopts servo motor system. Optional to increase the motor power to fast productions 20% with standard machine.

7.塑化时同步开锁模及顶出功能：可选配电动熔胶，或者双油路同步系统；实现开锁模及顶出时同步熔胶，进一步缩短瓶胚生产周期，提升客户生产产量。

Charge and ejection on fly, optional servo motor charging, or double hydraulic synchronization system, to reach charge and ejection on fly, to shorten the cycle time.

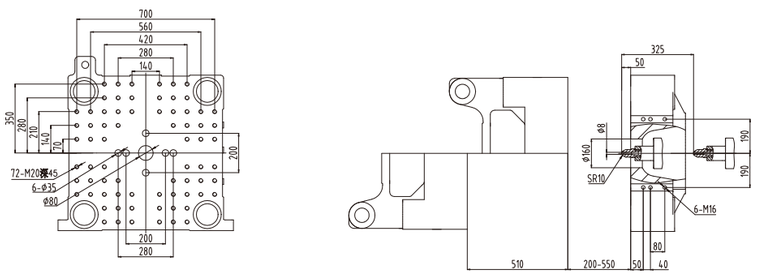
Speed Increase
速度提高
20%



技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD218PET	
国际公认型号	International size rating	——	1060/218	
注射装置	INJECTION UNIT		A	B
理论注射容量	Injection volume(theoretical)	cm^3	820	1022
注射重量	Injection weight(PET)	g (克)	1000	1247
		oz (盎司)	35.3	44
注射速率	Injection rate(PET)	g/s	381	479
螺杆直径	Screw diameter	mm	60	67
注射压力	Injection pressure	MPa	129	104
螺杆长径比	Screw L/D ratio	——	25:1	25:1
螺杆行程	Screw stroke	mm	290	
螺杆转速	Screw speed	r/ min	0 ~ 158	
合模装置	CLAMPING UNIT			
锁模力	Clamping force	kN	2180	
移模行程	Mold opening stroke	mm	510	
模板尺寸	Platen size	mm	780×780	
拉杆内间距	Dist. between tie bars (H × V)	mm	530×530	
模板最大距离	Max.daylight	mm	1060	
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	200 ~ 550	
顶出行程	Ejector stroke	mm	170	
顶出力	Ejector tonnage	kN	99	
动力/电热	POWER UNIT			
油压系统压力	Hydraulic system pressure	MPa	17.5	
油泵马达	Pump motor power	kW	31.3	
电热功率	Heater power	kW	29.8	33.6
温度控制区数	Number of temp control zones	——	6	
其 它	OTHERS			
油箱容积	Oil tank	L (升)	420	
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	6.25×1.70×2.23	
机器重量	Machine weight	Ton	8	

模板尺寸 *PLATEN DIMENSION*

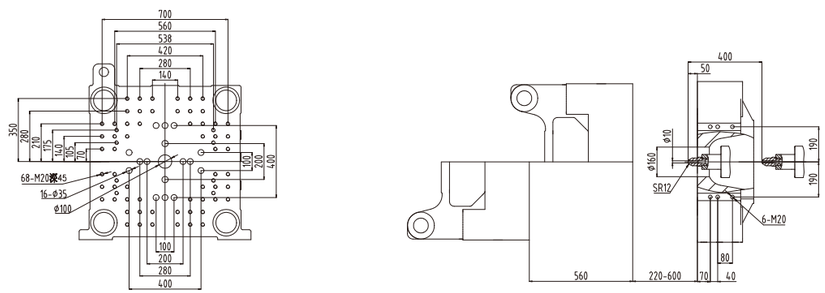


说明：由于产品改进，技术参数的变更，恕不另行通知。

技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD268PET	
国际公认型号	International size rating	——	1384/268	
注射装置	INJECTION UNIT		A	B
理论注射容量	Injection volume(theoretical)	cm^3	1057	1325
注射重量	Injection weight(PET)	g (克)	1290	1616
		oz (盎司)	45.5	57
注射速率	Injection rate(PET)	g/s	478	599
螺杆直径	Screw diameter	mm	67	75
注射压力	Injection pressure	MPa	131	105
螺杆长径比	Screw L/D ratio	——	25:1	25:1
螺杆行程	Screw stroke	mm	300	
螺杆转速	Screw speed	r/ min	0~145	
合模装置	CLAMPING UNIT			
锁模力	Clamping force	kN	2680	
移模行程	Mold opening stroke	mm	560	
模板尺寸	Platen size	mm	835×835	
拉杆内间距	Dist. between tie bars (H × V)	mm	580×580	
模板最大距离	Max.daylight	mm	1160	
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	220 ~ 600	
顶出行程	Ejector stroke	mm	200	
顶出力	Ejector tonnage	kN	124	
动力/电热	POWER UNIT			
油压系统压力	Hydraulic system pressure	MPa	17.5	
油泵马达	Pump motor power	kW	36.5	
电热功率	Heater power	kW	36.3	40.7
温度控制区数	Number of temp control zones	——	7	
其 它	OTHERS			
油箱容积	Oil tank	L (升)	480	
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	6.95×1.82×2.35	
机器重量	Machine weight	Ton	10	

模板尺寸 *PLATEN DIMENSION*

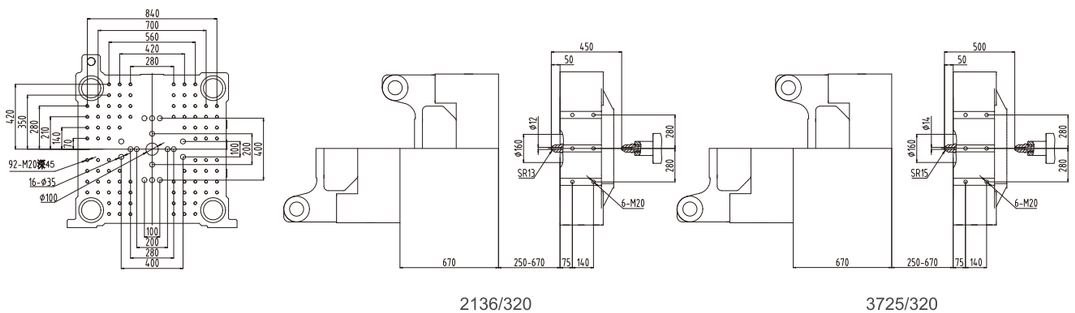


Remark:We reserve the right to make any technical improvement without prior notice.

技术参数表 *SPECIFICATIONS*

PARAMETER			HMD320PET					
国际公认型号	International size rating		2136/320		3725/320			
注射装置	INJECTION UNIT		A	B	A	B	C	D
理论注射容量	Injection volume(theoretical)		1590	1900	2703	3012	3337	3678
注射重量	Injection weight(PET)		1932	2318	3297	3673	4070	4487
			68	81.5	116	129.6	143	158.3
注射速率	Injection rate(PET)		580	696	568	633	701	773
螺杆直径	Screw diameter		75	82	90	95	100	105
注射压力	Injection pressure		134	112	138	124	112	101
螺杆长径比	Screw L/D ratio		25:1	25:1	25:1	25:1	25:1	25:1
螺杆行程	Screw stroke		360		425			
螺杆转速	Screw speed		0~125		0~110			
合模装置	CLAMPING UNIT							
锁模力	Clamping force		3200					
移模行程	Mold opening stroke		670					
模板尺寸	Platen size		960×960					
拉	Dist. between tie bars (H × V)		680×680					
	Max.daylight		1340					
	Mold thickness(Min–Max)		250 ~ 670					
	Ejector stroke		220					
	Ejector tonnage		151					
	POWER UNIT							
	Hydraulic system pressure		17.5					
	Pump motor power		50.2					
	Heater power		48.9	50	56.7	63.7	70.7	75.1
	Number of temp control zones		7					
	OTHERS							
	Oil tank							
	Machine dimension (L x W x H)		7.70×1.88×2.40		8.55×2.06×2.63			
	Machine weight							

模板尺寸 *PLATEN DIMENSION*



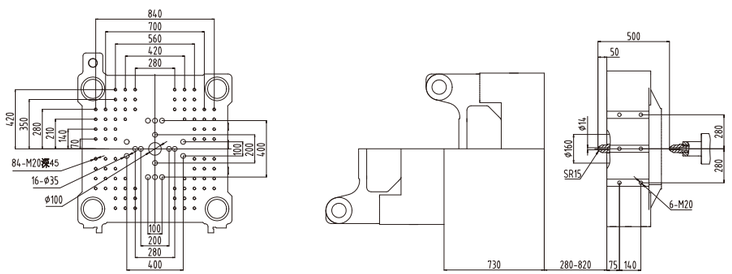
2136/320　　3725/320

说明：由于产品改进，技术参数的变更，恕不另行通知。

技术参数表 *SPECIFICATIONS*

					HMD430PET			
					3725/430			
					A	B	C	D
					2703	3012	3337	3678
					3297	3673	4070	4487
					116	129.6	143	158.3
					710	791	876	966
					90	95	100	105
					138	124	112	101
					25:1	25:1	25:1	25:1
					56.7	63.7	70.7	75.1
					8.96×2.0×2.63			

模板尺寸 *PLATEN DIMENSION*



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

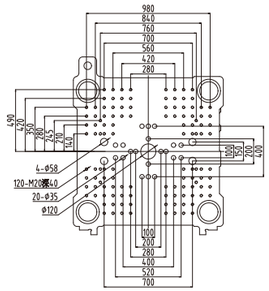
技术参数表 *SPECIFICATIONS*

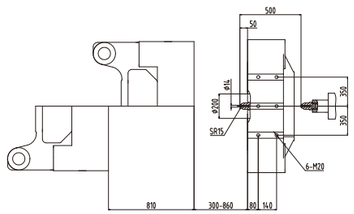
参数	PARAMETER	UNIT	HMD500PET					
国际公认型号	International size rating	——	3725/500		4698/500		7166/500	
注射装置	INJECTION UNIT		A	B	A	B	A	B
理论注射容量	Injection volume(theoretical)	cm^3	3012	3336	4111	4512	6330	6869
注射重量	Injection weight(PET)	g (克)	3673	4070	5015	5504	7723	8380
		oz (盎司)	129.6	143.6	176.9	194.2	272.4	295.6
注射速率	Injection rate(PET)	g/s	905	1003	980	1075	989	1073
螺杆直径	Screw diameter	mm	95	100	105	110	120	125
注射压力	Injection pressure	MPa	124	112	114	104	113	104
螺杆长径比	Screw L/D ratio	——	25:1	25:1	25:1	25:1	25:1	25:1
螺杆行程	Screw stroke	mm	425		475		560	
螺杆转速	Screw speed	r/ min	0~125		0~100		0~90	
合模装置	CLAMPING UNIT							
锁模力	Clamping force	kN	5000					
移模行程	Mold opening stroke	mm	810					
模板尺寸	Platen size	mm	1128×1168					
拉杆内间距	Dist. between tie bars (H × V)	mm	830×830					
模板最大距离	Max.daylight	mm	1670					
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	300 ~ 860					
顶出行程	Ejector stroke	mm	240					
顶出力	Ejector tonnage	kN	232					
动力/电热	POWER UNIT							
油压系统压力	Hydraulic system pressure	MPa	17.5					
油泵马达	Pump motor power	kW	31.3+36.5					
电热功率	Heater power	kW	63.7	70.7	79	83	97.8	105.8
温度控制区数	Number of temp control zones	——	7					
其 它	OTHERS							
油箱容积	Oil tank	L (升)	725				1000	
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	9.14×2.28×2.64		9.8×2.28×2.85		10.56×2.36×2.9	
机器重量	Machine weight	Ton	23		24		26	

PET机器尺寸 *MACHINE DIMENSION*

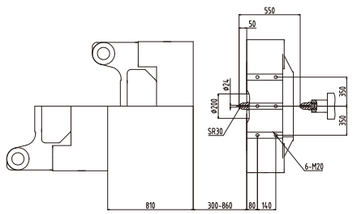
标注代码 WITH THE CODE	A	B	C	D	E
HMD218–PET/D60–67	1980	6250	6950	2230	1700
HMD268–PET/D67–75	2150	6950	7500	2350	1820
HMD320–PET/D75–82	2240	7700	8200	2400	1880
HMD320–PET/D90–95	2240	8300	8700	2630	1920
HMD320–PET/D100–105	2240	8550	8980	2630	2060
HMD430–PET/D90–95–100–105	2350	8960	9340	2630	2280
HMD500–PET/D95–100	2550	9140	9790	2640	2280
HMD500–PET/D105–110	2550	9800	10100	2850	2280
HMD500–PET/D120–125	2550	10560	11000	2900	2360

模板尺寸 *PLATEN DIMENSION*

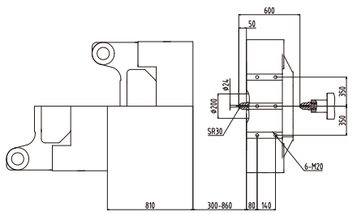




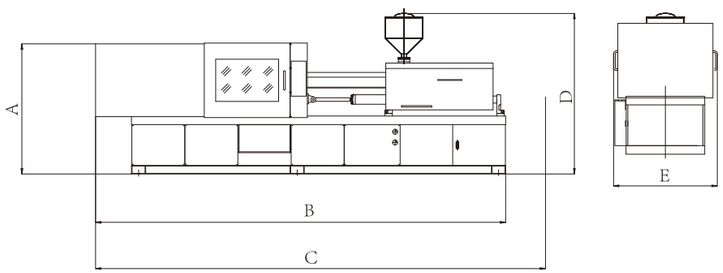
3725/500



4698/500



7166/500



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.



HMD PET 日用品专用机

SPECIAL INJECTION MOLDING MACHINE FOR PET MATERIAL

PET日用品专用机型介绍
INTRODUCTION

PET塑胶原料是当今应用最为广泛的饮料包装材料。由于PET可以方便地通过快速冷却的方法得到基本处于非晶态、高透明、易拉伸的制品,已经由生产食品，饮料，医疗器械领域越来越多的拓展到日用品领域。

Material Advantage
PET plastic raw material now is one of the most widely used beverage packaging material today. Benefiting from its better fluidity and transparency, is not only applied in the beverage packaging and medical machinery industries, more and more customers have applied it into house goods.



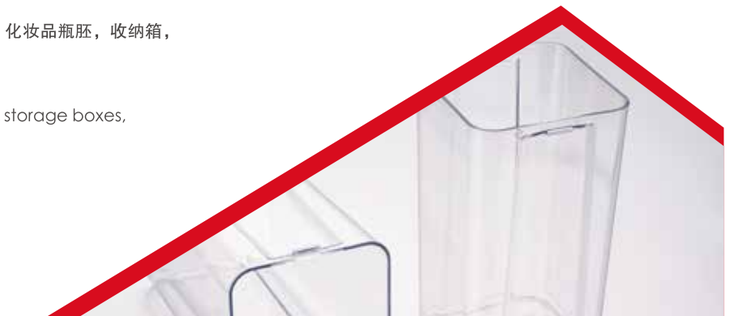


华美达为迎合市场变化及客户需求，在PET瓶胚专用机型基础之上再优化细分出PET日用品专用机型，此机型主要针对PET材料日用品生产特性，设计更加适合的新款专用机型；采用新型专利PET日用品特殊螺杆设计并且具备M8–SII系列机型所有优点及性能。

Machine characteristics
In order to adapt market changes and meet customer demands, Hwamda have launched new special IMM for house goods. Based on the PET perform machine platform, engineers have optimized machine performance and redesigned new screw to aim at PET material characteristics.

PET日用品专用机型主要生产以下产品：透明礼品包装盒，化妆品瓶胚，收纳箱，薄壁一次成型罐，冰箱内透明容器，椅子凳子，果盘等等。

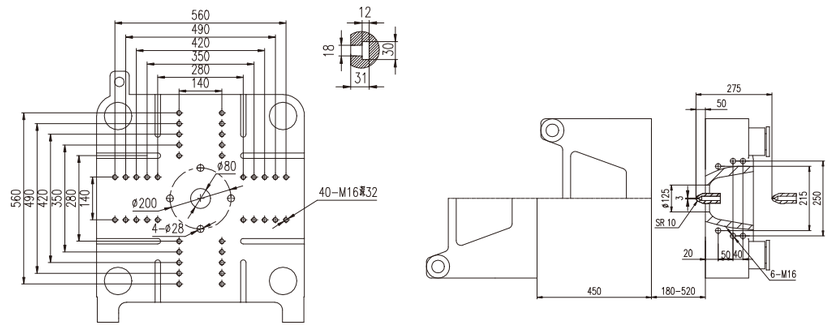
Customer Case
Transparent gift packaging boxes, cosmetic preforms, storage boxes, thin-walled jars, chairs, stools, fruit plates, etc.



技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD170M8–SII PET	
国际公认型号	International size rating	——	587/170	
注射装置	INJECTION UNIT		A	B
理论注射容量	Injection volume(theoretical)	cm^3	276	332
注射重量	Injection weight(PET)	g (克)	338	405
		oz (盎司)	11.9	14.3
注射速率	Injection rate(PET)	g/s	193	232
螺杆直径	Screw diameter	mm	42	46
注射压力	Injection pressure	MPa	202	169
螺杆长径比	Screw L/D ratio	——	25:1	24.9:1
螺杆行程	Screw stroke	mm	200	
螺杆转速	Screw speed	r/ min	0 ~ 243	
合模装置	CLAMPING UNIT			
锁模力	Clamping force	kN	1700	
移模行程	Mold opening stroke	mm	450	
模板尺寸	Platen size	mm	710×690	
拉杆内间距	Dist. between tie bars (H × V)	mm	480×460	
模板最大距离	Max.daylight	mm	970	
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	180 ~ 520	
顶出行程	Ejector stroke	mm	140	
顶出力	Ejector tonnage	kN	50	
动力/电热	POWER UNIT			
油压系统压力	Hydraulic system pressure	MPa	17.5	
油泵马达	Pump motor power	kW	23	
电热功率	Heater power	kW	14.7	17
温度控制区数	Number of temp control zones	——	4	
其 它	OTHERS			
油箱容积	Oil tank	L (升)	170	
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	4.9×1.4×2.1	
机器重量	Machine weight	Ton	5	

模板尺寸 *PLATEN DIMENSION*

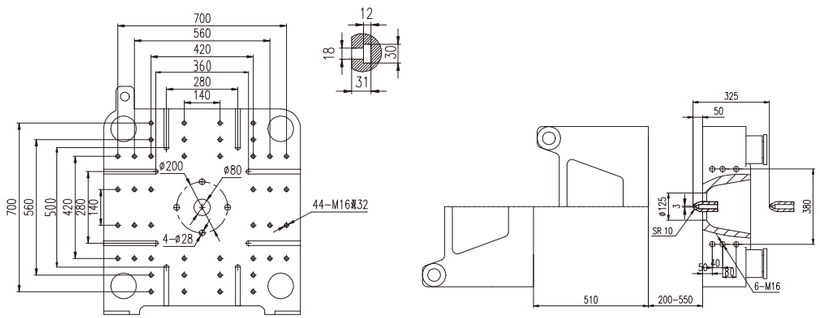


Remark:We reserve the right to make any technical improvement without prior notice.

技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD218M8-SII PET		
国际公认型号	International size rating	——	876/218		
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm^3	399	471	529
注射重量	Injection weight(PET)	g (克)	486	575	646
		oz (盎司)	17.2	20.3	22.8
注射速率	Injection rate(PET)	g/s	224	265	298
螺杆直径	Screw diameter	mm	46	50	53
注射压力	Injection pressure	MPa	220	186	166
螺杆长径比	Screw L/D ratio	——	25:1	24.5:1	25:1
螺杆行程	Screw stroke	mm	240		
螺杆转速	Screw speed	r/ min	0 ~ 240		
合模装置	CLAMPING UNIT				
锁模力	Clamping force	kN	2180		
移模行程	Mold opening stroke	mm	510		
模板尺寸	Platen size	mm	780×780		
拉杆内间距	Dist. between tie bars (H × V)	mm	530×530		
模板最大距离	Max.daylight	mm	1060		
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	200 ~ 550		
顶出行程	Ejector stroke	mm	140		
顶出力	Ejector tonnage	kN	50		
动力/电热	POWER UNIT				
油压系统压力	Hydraulic system pressure	MPa	17.5		
油泵马达	Pump motor power	kW	31.3		
电热功率	Heater power	kW	14.7	19.3	17
温度控制区数	Number of temp control zones	——	5		
其 它	OTHERS				
油箱容积	Oil tank	L (升)	270		
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	5.5×1.6×2.1		
机器重量	Machine weight	Ton	7		

模板尺寸 *PLATEN DIMENSION*

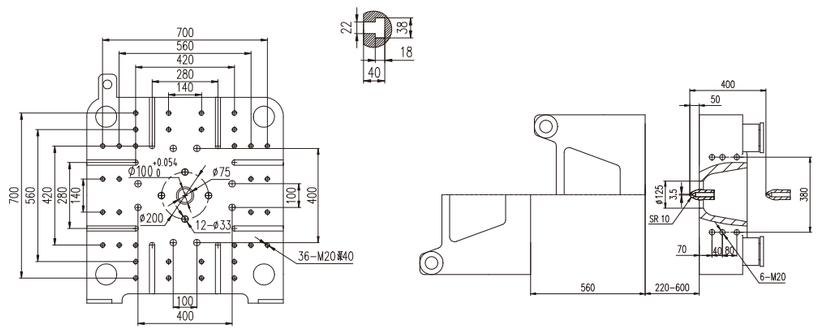


说明：由于产品改进，技术参数的变更，恕不另行通知。

技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD268M8-SII PET		
国际公认型号	International size rating	——	1385/268		
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm^3	589	662	848
注射重量	Injection weight(PET)	g (克)	718	807	1034
		oz (盎司)	25.3	28.5	36.5
注射速率	Injection rate(PET)	g/s	266	299	383
螺杆直径	Screw diameter	mm	50	53	60
注射压力	Injection pressure	MPa	235	209	163
螺杆长径比	Screw L/D ratio	——	24.5:1	25:1	24.7:1
螺杆行程	Screw stroke	mm	300		
螺杆转速	Screw speed	r/ min	0 ~ 217		
合模装置	CLAMPING UNIT				
锁模力	Clamping force	kN	2680		
移模行程	Mold opening stroke	mm	560		
模板尺寸	Platen size	mm	835×835		
拉杆内间距	Dist. between tie bars (H × V)	mm	580×580		
模板最大距离	Max.daylight	mm	1160		
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	220 ~ 600		
顶出行程	Ejector stroke	mm	160		
顶出力	Ejector tonnage	kN	77		
动力/电热	POWER UNIT				
油压系统压力	Hydraulic system pressure	MPa	17.5		
油泵马达	Pump motor power	kW	36.5		
电热功率	Heater power	kW	21.9	23	26
温度控制区数	Number of temp control zones	——	6		
其 它	OTHERS				
油箱容积	Oil tank	L (升)	325		
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	6.2×1.7×2.3		
机器重量	Machine weight	Ton	9		

模板尺寸 *PLATEN DIMENSION*

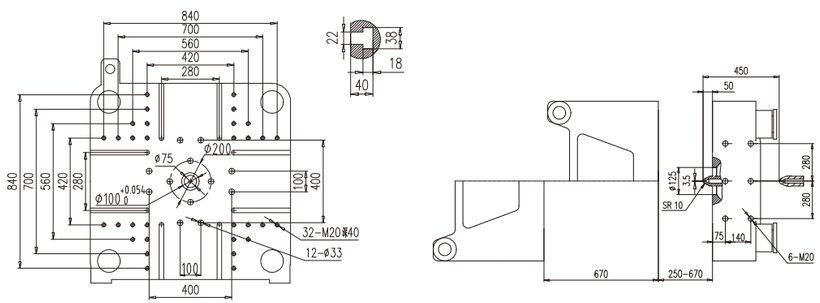


Remark:We reserve the right to make any technical improvement without prior notice.

技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD320M8-SII PET		
国际公认型号	International size rating	——	1930/320		
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm^3	829	918	1145
注射重量	Injection weight(PET)	g (克)	1011	1121	1397
		oz (盎司)	35.7	39.5	49.3
注射速率	Injection rate(PET)	g/s	336	373	465
螺杆直径	Screw diameter	mm	57	60	67
注射压力	Injection pressure	MPa	233	210	168
螺杆长径比	Screw L/D ratio	——	26.5:1	25.2:1	24.6:1
螺杆行程	Screw stroke	mm	325		
螺杆转速	Screw speed	r/ min	0 ~ 178		
合模装置	CLAMPING UNIT				
锁模力	Clamping force	kN	3200		
移模行程	Mold opening stroke	mm	670		
模板尺寸	Platen size	mm	960×960		
拉杆内间距	Dist. between tie bars (H × V)	mm	680×680		
模板最大距离	Max.daylight	mm	1340		
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	250 ~ 670		
顶出行程	Ejector stroke	mm	160		
顶出力	Ejector tonnage	kN	77		
动力/电热	POWER UNIT				
油压系统压力	Hydraulic system pressure	MPa	17.5		
油泵马达	Pump motor power	kW	50.2		
电热功率	Heater power	kW	31	31	35.9
温度控制区数	Number of temp control zones	——	6		
其 它	OTHERS				
油箱容积	Oil tank	L (升)	380		
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	6.8×1.8×2.4		
机器重量	Machine weight	Ton	12		

模板尺寸 *PLATEN DIMENSION*

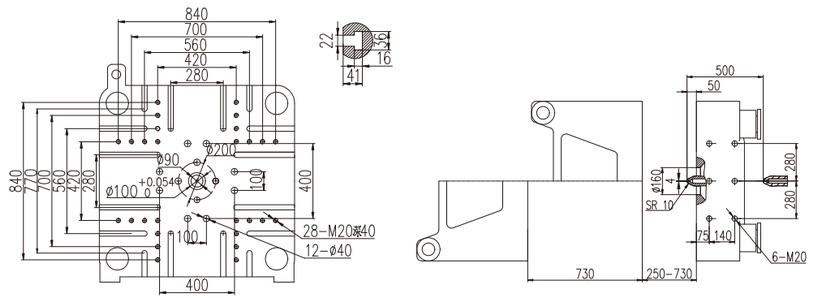


说明：由于产品改进，技术参数的变更，恕不另行通知。

技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD430M8-SII PET		
国际公认型号	International size rating	——	2853/430		
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm^3	1385	1590	1809
注射重量	Injection weight(PET)	g (克)	1689	1939	2207
		oz (盎司)	59.6	68.4	77.8
注射速率	Injection rate(PET)	g/s	474	545	620
螺杆直径	Screw diameter	mm	70	75	80
注射压力	Injection pressure	MPa	206	180	158
螺杆长径比	Screw L/D ratio	——	25.8:1	25:1	25:1
螺杆行程	Screw stroke	mm	360		
螺杆转速	Screw speed	r/ min	0 ~ 150		
合模装置	CLAMPING UNIT				
锁模力	Clamping force	kN	4300		
移模行程	Mold opening stroke	mm	730		
模板尺寸	Platen size	mm	1032×1042		
拉杆内间距	Dist. between tie bars (H × V)	mm	760×730		
模板最大距离	Max.daylight	mm	1460		
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	250 ~ 730		
顶出行程	Ejector stroke	mm	185		
顶出力	Ejector tonnage	kN	111		
动力/电热	POWER UNIT				
油压系统压力	Hydraulic system pressure	MPa	17.5		
油泵马达	Pump motor power	kW	64.6		
电热功率	Heater power	kW	38.5	38.5	47.1
温度控制区数	Number of temp control zones	——	6		
其 它	OTHERS				
油箱容积	Oil tank	L (升)	500		
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	8.0×2.0×2.6		
机器重量	Machine weight	Ton	18		

模板尺寸 *PLATEN DIMENSION*

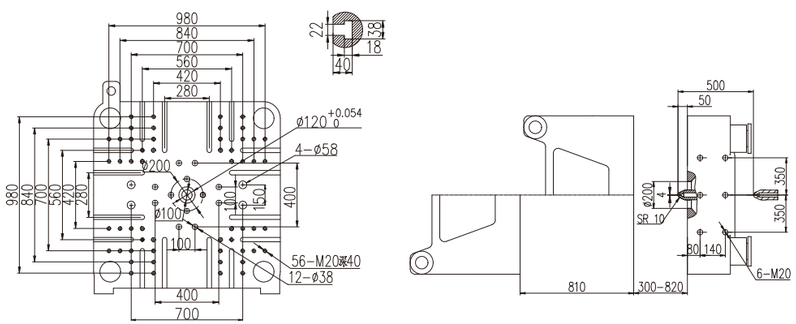


Remark:We reserve the right to make any technical improvement without prior notice.

技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD500M8-SII PET		
国际公认型号	International size rating	——	3148/500		
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm^3	1590	1810	2042
注射重量	Injection weight(PET)	g (克)	1939	2207	2491
		oz (盎司)	68.4	77.8	87.9
注射速率	Injection rate(PET)	g/s	568	646	729
螺杆直径	Screw diameter	mm	75	80	85
注射压力	Injection pressure	MPa	198	174	155
螺杆长径比	Screw L/D ratio	——	25.8:1	25:1	25:1
螺杆行程	Screw stroke	mm	360		
螺杆转速	Screw speed	r/ min	0 ~ 155		
合模装置	CLAMPING UNIT				
锁模力	Clamping force	kN	5000		
移模行程	Mold opening stroke	mm	810		
模板尺寸	Platen size	mm	1128×1168		
拉杆内间距	Dist. between tie bars (H × V)	mm	830×830		
模板最大距离	Max.daylight	mm	1630		
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	300 ~ 820		
顶出行程	Ejector stroke	mm	210		
顶出力	Ejector tonnage	kN	111		
动力/电热	POWER UNIT				
油压系统压力	Hydraulic system pressure	MPa	17.5		
油泵马达	Pump motor power	kW	36.5+31.3		
电热功率	Heater power	kW	41.5	47.1	49.5
温度控制区数	Number of temp control zones	——	6		
其 它	OTHERS				
油箱容积	Oil tank	L (升)	590		
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	8.3×2.1×2.6		
机器重量	Machine weight	Ton	22		

模板尺寸 *PLATEN DIMENSION*

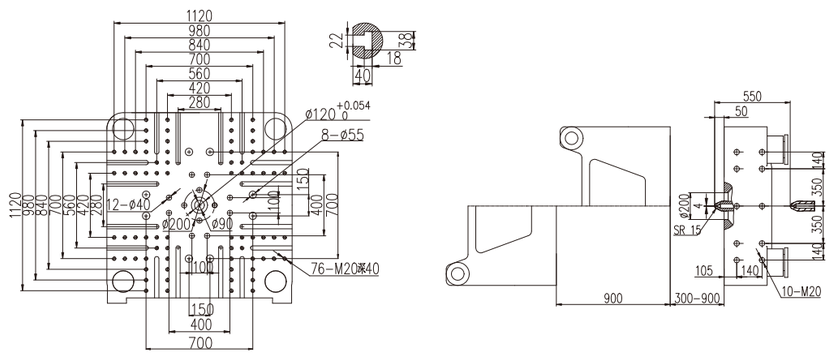


说明：由于产品改进，技术参数的变更，恕不另行通知。

技术参数表 *SPECIFICATIONS*

参数	PARAMETER	UNIT	HMD600M8-SII PET		
国际公认型号	International size rating	——	4456/600		
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm^3	2262	2554	2863
注射重量	Injection weight(PET)	g (克)	2758	3114	3491
		oz (盎司)	97.3	109.8	123.1
注射速率	Injection rate(PET)	g/s	648	732	820
螺杆直径	Screw diameter	mm	80	85	90
注射压力	Injection pressure	MPa	197	174	156
螺杆长径比	Screw L/D ratio	——	24.8:1	25:1	24.5:1
螺杆行程	Screw stroke	mm	450		
螺杆转速	Screw speed	r/ min	0 ~ 140		
合模装置	CLAMPING UNIT				
锁模力	Clamping force	kN	6000		
移模行程	Mold opening stroke	mm	900		
模板尺寸	Platen size	mm	1210×1250		
拉杆内间距	Dist. between tie bars (H × V)	mm	900×880		
模板最大距离	Max.daylight	mm	1800		
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	300 ~ 900		
顶出行程	Ejector stroke	mm	240		
顶出力	Ejector tonnage	kN	151		
动力/电热	POWER UNIT				
油压系统压力	Hydraulic system pressure	MPa	17.5		
油泵马达	Pump motor power	kW	50.2+31.3		
电热功率	Heater power	kW	46.3	55.1	55.8
温度控制区数	Number of temp control zones	——	6		
其 它	OTHERS				
油箱容积	Oil tank	L (升)	550		
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	9.9×2.3×2.5		
机器重量	Machine weight	Ton	25		

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*

PARAMETER		HMD700M8-SII PET		
国际公认型号	International size rating	5312/700		
注射装置	INJECTION UNIT	A	B	C
理论注射容量	Injection volume(theoretical)	2554	2863	3190
注射重量	Injection weight(PET)	3114	3491	3889
		109.8	123.1	137.2
注射速率	Injection rate(PET)	732	820	914
螺杆直径	Screw diameter	85	90	95
注射压力	Injection pressure	208	185	166
螺杆长径比	Screw L/D ratio	25.2:1	25:1	24.5:1
螺杆行程	Screw stroke	450		
螺杆转速	Screw speed	0 ~ 148		
合模装置	CLAMPING UNIT			
	Clamping force	7000		
	Mold opening stroke	970		
	Platen size	1325×1345		
	Dist. between tie bars (H × V)	970×930		
	Max.daylight	1930		
	Mold thickness(Min-Max)	350 ~ 960		
	Ejector stroke	265		
	Ejector tonnage	182		
	POWER UNIT			
	Hydraulic system pressure	17.5		
	Pump motor power	50.2+36.5		
	Heater power	59		
	Number of temp control zones	6		
	OTHERS			
	Oil tank	680		
	Machine dimension (L x W x H)	10.4×2.4×2.7		
	Machine weight	32		

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*