



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

2024年4月修订



多物料注塑机系列

MULTI MATERIAL INJECTION MOLDING MACHINE SERIES

DP转盘式清双色注塑机
TURNTABLE TWIN-COLOR INJECTION MOLDING MACHINE

DM混色专用注塑机
SPECIAL MIXED COLOR INJECTION MOLDING MACHINE

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NINGBO HWAMDA GROUP CO., LTD.

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宁波华美达集团有限公司
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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竞争能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。

华美达公司现有五大生产制造基地，超过二十万平方米厂房设施，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专用快速注塑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 five factories with more than two hundred thousand square meters. There are over 500 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.



DP

转盘式清双色注塑机

TURNTABLE TWIN-COLOR INJECTION MOLDING MACHINE



- ▶ 伺服电机控制转盘，高效节能，精确稳定。
Turntable control by servo motor.
- ▶ 单缸注射机构，搭配线性导轨支座设计，更适应高速生产要求。
Injection unit with single cylinder structure and guide linear.
- ▶ 射台机架部分预留前后位置，方便安装小射台或短螺杆。
Injection unit frame with space can install small unit or short screw.



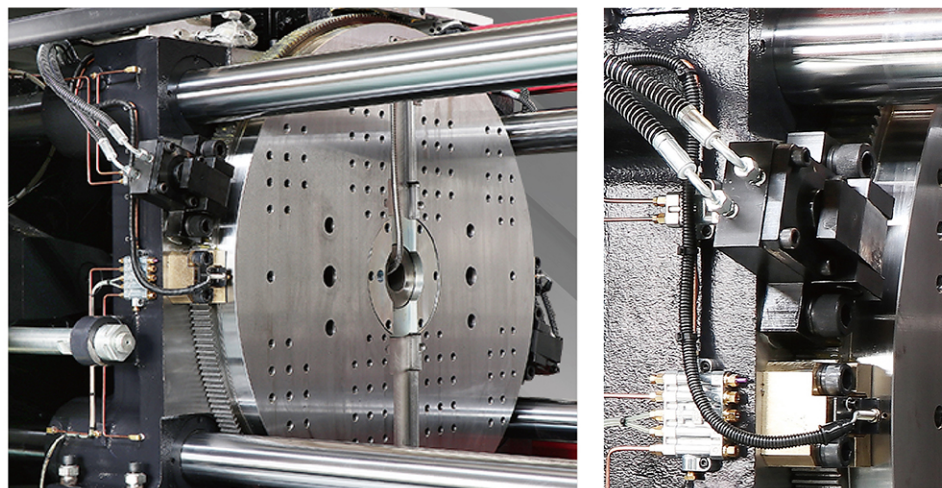
- ▶ 模块化设计，方便不同规格注射机构大小射台互换。
Modular design, injection unit can exchange.
- ▶ 双色机专用高性能电脑控制器，精度高、响应快。
Optimized control system excellent in response and accuracy.

锁模单元

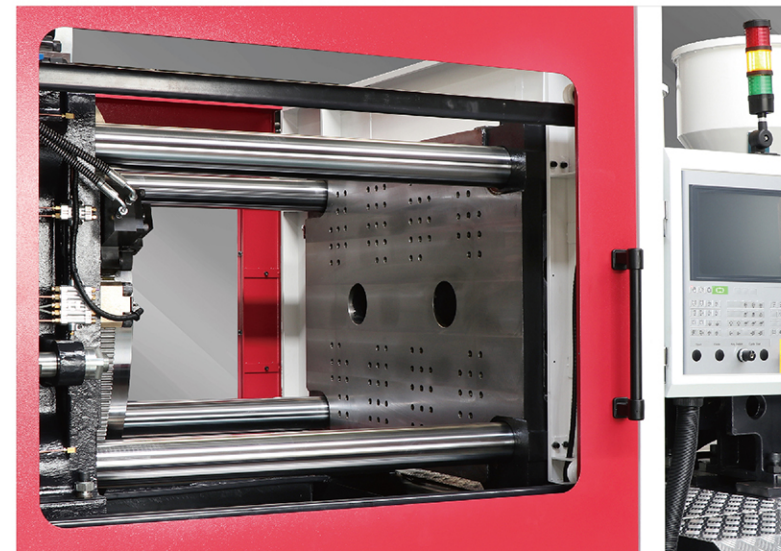
CLAMPING UNIT

- ▶ 本机型动模板上设置往复180° 旋转转盘，可放置两副模具，生产双色分明产品；转盘转动时模壁不接触，减少因磨损造成故障，在关模前均做精准的转盘定位确认，确保模具安全。

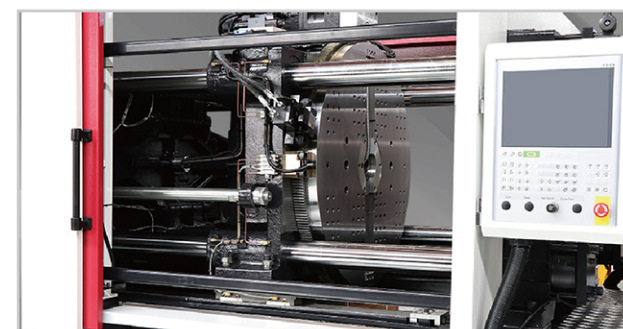
Moveable platen with 180° turntable, can place two moulds, to produce two color products. Turntable turn not touch with platen, to reduce abrasion, precise to confirm turntable position before close mold, to ensure mould safety.

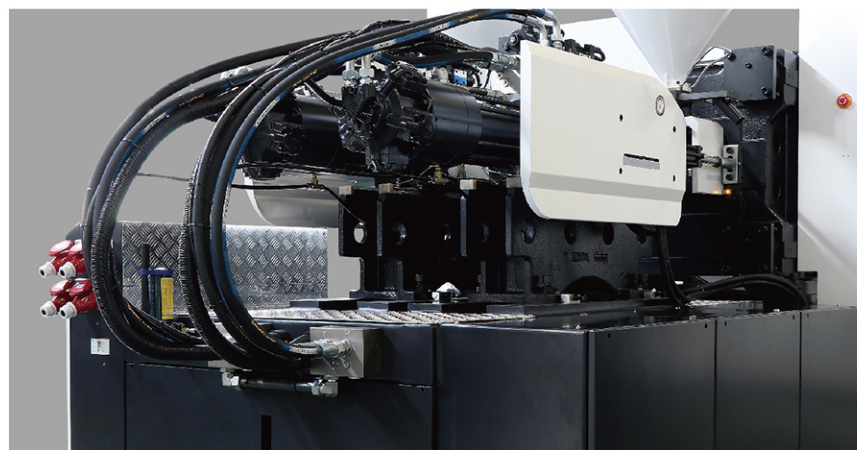


- ▶ 由伺服电机控制转盘动作，有效缩短转盘转动时间，速度更快，定位更精准。
Turntable control by servo motor, can reduce the turntable turn time, can be more fast and precise.



- ▶ 全新设计锁模机构，运行平稳快速，特别升级整体机械强度，刚性好、变形小、内应力小、抗疲劳度好。
New design clamping unit provide stable and fast performance. Upgrade mechanic intensity of whole structure, rigidity and fatigue are enhanced.
- ▶ 欧式顶出结构设计，维护更方便。
Euro ejector structure, easy maintenance and fast mount moulds.
- ▶ 拉杆、顶出导向套采用自润滑石墨铜套，二板、尾板采用铜块，确保快速、精确开锁模。
Tie bar and ejector guide sleeve used graphic bushing, movable platen and back platen used copper block, ensure fast and precise open/close mold.





注射单元 INJECTION UNIT

- ▶ 射出部分设有两组独立料管组，同步做射出动作，双色一次成型，大幅缩短制品成型周期。

Injection unit with double separate set of barrel, injection on fly, double color with one shot products, to reduce the cycle time.

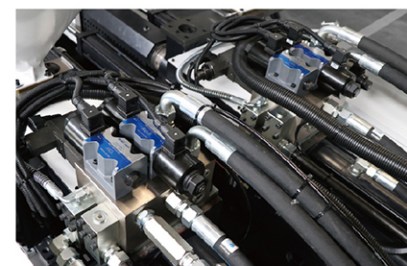
- ▶ 采用单缸注射机构，注射精度更高。

Single cylinder of injection structure, more precise for injection.

液压单元 HYDRAULIC UNIT

- ▶ 液压换向阀、高压软管等关键配件选取著名品牌，油路运行稳定可靠。

Hydraulic circuits adopt top brands valve and hose.

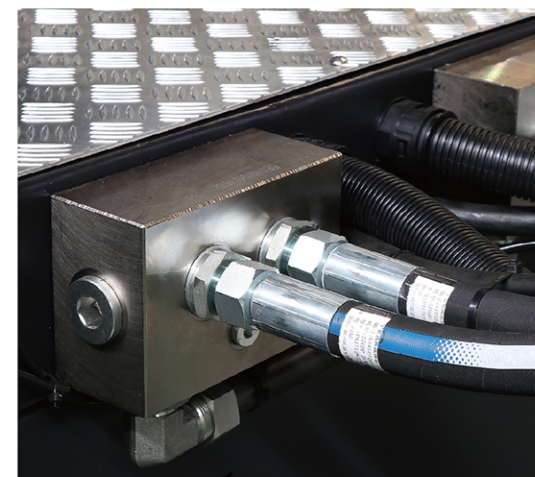


- ▶ 采用DIN标准锥面带密封圈接头，阀板采用G螺纹密封堵头，以杜绝油质污染。

Equipped with DIN standard cone with sealing ring joint, manifold with G thread sealing gland.

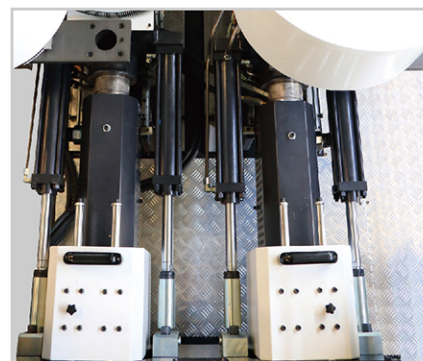
- ▶ 自封式磁性吸油过滤器，油路维护更方便。

Self-sealing magnetic oil filter convenient to maintenance



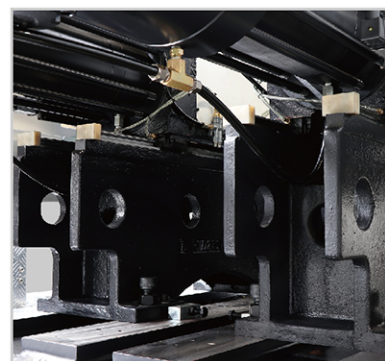
- ▶ 整体射台支撑结构配合精密的双线性导轨设计，确保精确、快速的注射启动速度。

Whole set supporter of injection unit with double precise linear guard, precise and fast speed starter.



- ▶ 预留大小射台通配位置，适用于多种双色产品成型要求。

Injection unit can be with different size, adapt with different double color products.



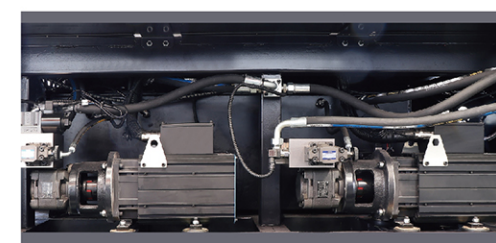
- ▶ 料管采用PID温度控制，误差极低。

Barrel with PID temperature control.

电控单元 CONTROL SYSTEM

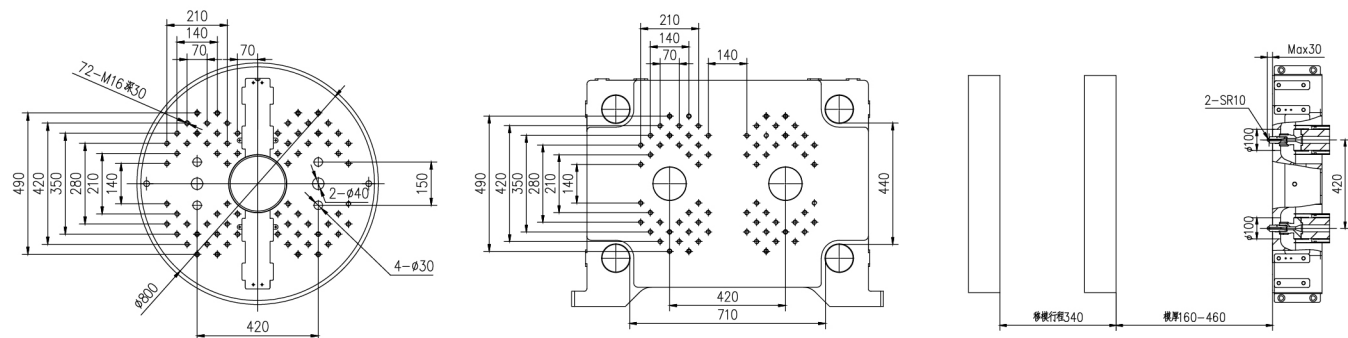
选用高性能KEBA双色机专用电脑控制器，大规格彩色显示屏，精度更高。标配三色报警灯带蜂鸣器，机器运行状态一目了然。

Equipped with high-performance KEBA controller, large LCD display and man-machine friendly interface. Equipped with three light alarm with buzzer.



清双色技术参数表 SPECIFICATIONS

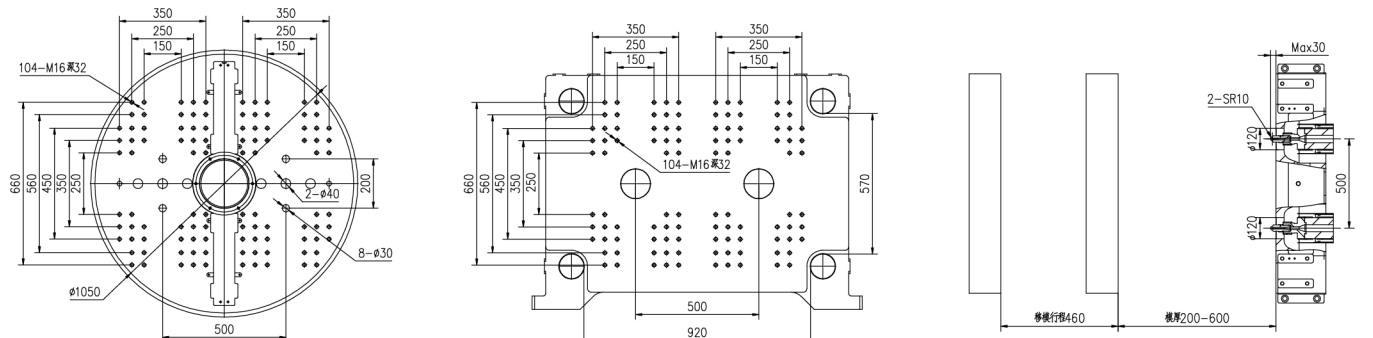
参数	PARAMETER	UNIT	HMD DP160			
国际公认型号	International size rating	— —	300		300	
注射装置	INJECTION UNIT		A	B	A	B
理论注射容量	Injection volume(theoretical)	cm³	93	108	124	141
注射重量	Injection weight (PS)	g (克)	85	98	113	128
		oz (盎司)	3.0	3.5	4.0	4.5
注射速率	Injection rate (PS)	g/s	55	63	73	83
螺杆直径	Screw diameter	mm	26	28	30	32
注射压力	Injection pressure	MPa	342	295	257	226
螺杆长径比	Screw L/D ratio	— —	23	21.4	22.6	21.2
螺杆行程	Screw stroke	mm	175	175	175	175
螺杆转速	Screw speed	r/ min	0 ~ 244			
合模装置	CLAMPING UNIT					
锁模力	Clamping force	kN	1600			
移模行程	Mold opening stroke	mm	340			
模板尺寸	Platen size	mm	960 x 680			
转盘直径	Rotary table diameter	mm	800			
拉杆内间距	Dist. between tie bars (H × V)	mm	710 x 440			
模板最大距离	Max.daylight	mm	800			
容模量 (最小—最大)	Mold thickness(Min—Max)	mm	160—460			
顶出行程	Ejector stroke	mm	140			
顶出力	Ejector tonnage	kN	38 x 2			
料管中心距	Distance between barrel centers	mm	420			
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	18.7		18.7	
电热功率	Heater power	kW	6.8		6.8	
温度控制区数	Number of temp control zones	— —	4 x 2			
其 它	OTHERS					
油箱容积	Oil tank	L(升)	330			
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	5.2 x 1.76 x 2.1			
机器重量	Machine weight	Ton	7.1			



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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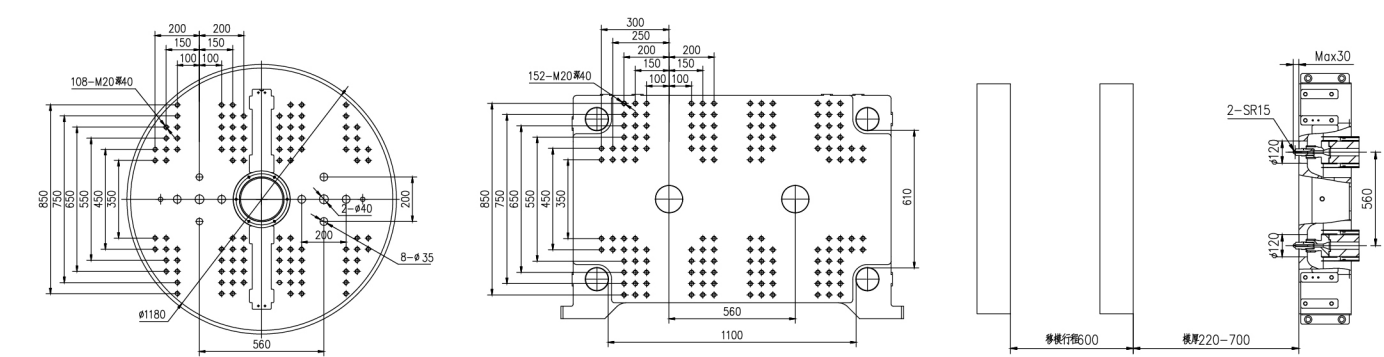
清双色技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD DP270			
国际公认型号	International size rating	— —	300		600	
注射装置	INJECTION UNIT		A	B	A	B
理论注射容量	Injection volume(theoretical)	cm³	141	178	283	358
注射重量	Injection weight (PS)	g (克)	128	162	257	326
		oz (盎司)	4.5	5.7	9.1	11.5
注射速率	Injection rate (PS)	g/s	83	105	109	138
螺杆直径	Screw diameter	mm	32	36	40	45
注射压力	Injection pressure	MPa	226	179	214	169
螺杆长径比	Screw L/D ratio	— —	21.2	18.8	21.4	20.9
螺杆行程	Screw stroke	mm	175	175	225	225
螺杆转速	Screw speed	r/ min	0 ~ 244		0 ~ 195	
合模装置	CLAMPING UNIT					
锁模力	Clamping force	kN	2700			
移模行程	Mold opening stroke	mm	460			
模板尺寸	Platen size	mm	1240 x 880			
转盘直径	Rotary table diameter	mm	1050			
拉杆内间距	Dist. between tie bars (H × V)	mm	920 x 570			
模板最大距离	Max.daylight	mm	1060			
容模量 (最小—最大)	Mold thickness(Min—Max)	mm	200—600			
顶出行程	Ejector stroke	mm	140			
顶出力	Ejector tonnage	kN	45 x 2			
料管中心距	Distance between barrel centers	mm	500			
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	18.7		18.7	
电热功率	Heater power	kW	6.8		11.2	
温度控制区数	Number of temp control zones	— —	4 x 2			
其 它	OTHERS					
油箱容积	Oil tank	L (升)	400			
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	6.0 x 2.05 x 2.3			
机器重量	Machine weight	Ton	11			



清双色技术参数表 SPECIFICATIONS

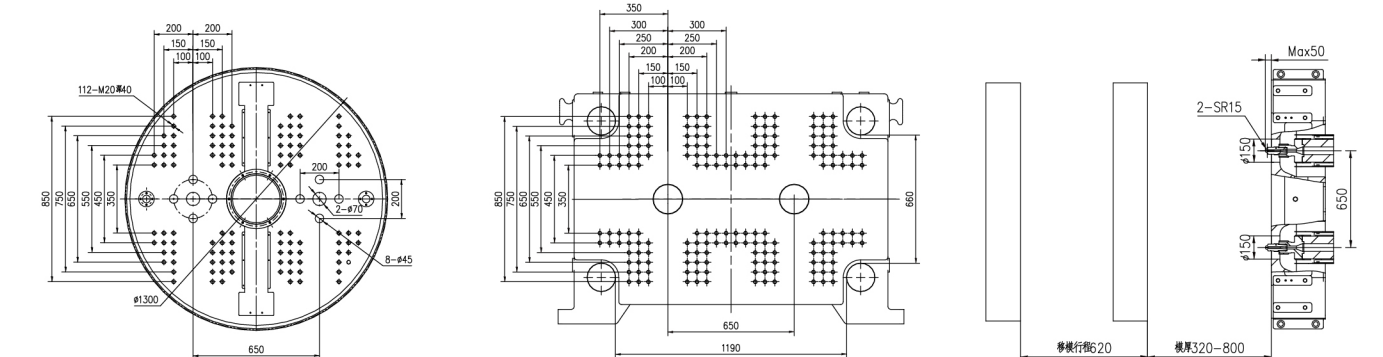
参数	PARAMETER	UNIT	HMD DP410			
国际公认型号	International size rating	— —	900		900	
注射装置	INJECTION UNIT		A	B	A	B
理论注射容量	Injection volume(theoretical)	cm³	398	491	398	491
注射重量	Injection weight (PS)	g (克)	362	447	362	447
		oz (盎司)	12.8	15.8	12.8	15.8
注射速率	Injection rate (PS)	g/s	147	182	147	182
螺杆直径	Screw diameter	mm	45	50	45	50
注射压力	Injection pressure	MPa	250	202	250	202
螺杆长径比	Screw L/D ratio	— —	23.2	20.9	23.2	20.9
螺杆行程	Screw stroke	mm	250	250	250	250
螺杆转速	Screw speed	r/ min	0 ~ 231			
合模装置	CLAMPING UNIT					
锁模力	Clamping force	kN	4100			
移模行程	Mold opening stroke	mm	600			
模板尺寸	Platen size	mm	1480 x 980			
转盘直径	Rotary table diameter	mm	1180			
拉杆内间距	Dist. between tie bars (H × V)	mm	1100 x 610			
模板最大距离	Max.daylight	mm	1300			
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	220–700			
顶出行程	Ejector stroke	mm	140			
顶出力	Ejector tonnage	kN	70 x 2			
料管中心距	Distance between barrel centers	mm	560			
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	31.3		
电热功率	Heater power	kW	14.3	14.3		
温度控制区数	Number of temp control zones	— —	5 x 2			
其 它	OTHERS					
油箱容积	Oil tank	L(升)	650			
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	6.8 x 2.2 x 2.3			
机器重量	Machine weight	Ton	20.5			



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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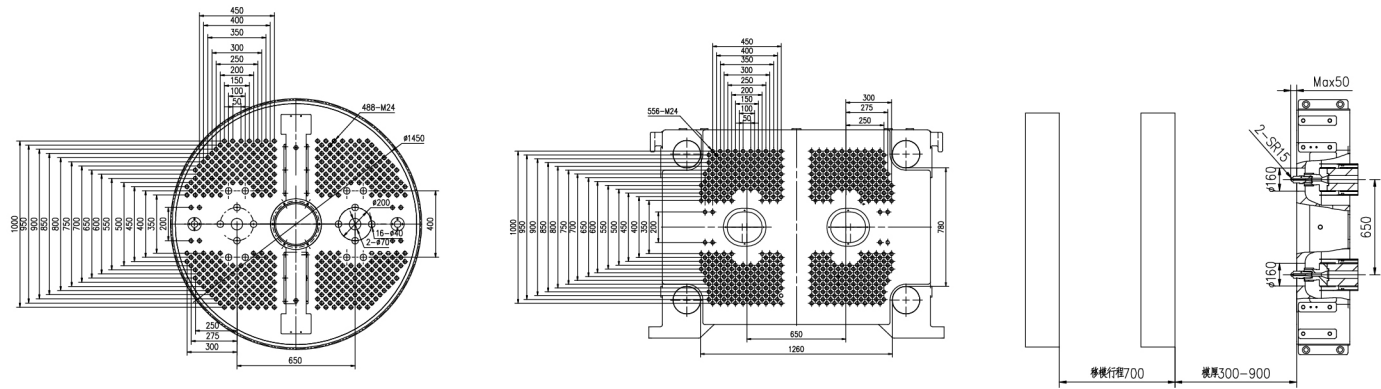
清双色技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD DP550			
国际公认型号	International size rating	— —	900		1400	
注射装置	INJECTION UNIT		A	B	A	B
理论注射容量	Injection volume(theoretical)	cm³	398	491	677	806
注射重量	Injection weight (PS)	g (克)	362	447	616	733
		oz (盎司)	12.8	15.8	21.7	25.9
注射速率	Injection rate (PS)	g/s	147	182	224	266
螺杆直径	Screw diameter	mm	45	50	55	60
注射压力	Injection pressure	MPa	250	202	209	175
螺杆长径比	Screw L/D ratio	— —	23.2	20.9	21.4	19.7
螺杆行程	Screw stroke	mm	250	250	285	285
螺杆转速	Screw speed	r/ min	0 ~ 231		0 ~ 220	
合模装置	CLAMPING UNIT					
锁模力	Clamping force	kN	5500			
移模行程	Mold opening stroke	mm	620			
模板尺寸	Platen size	mm	1610 x 1080			
转盘直径	Rotary table diameter	mm	1300			
拉杆内间距	Dist. between tie bars (H × V)	mm	1190 x 660			
模板最大距离	Max.daylight	mm	1420			
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	320–800			
顶出行程	Ejector stroke	mm	250			
顶出力	Ejector tonnage	kN	110 x 2			
料管中心距	Distance between barrel centers	mm	650			
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	14.3		18.2	
温度控制区数	Number of temp control zones	— —	5		6	
其 它	OTHERS					
油箱容积	Oil tank	L (升)	705			
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	8.1 x 2.6 x 2.3			
机器重量	Machine weight	Ton	30			



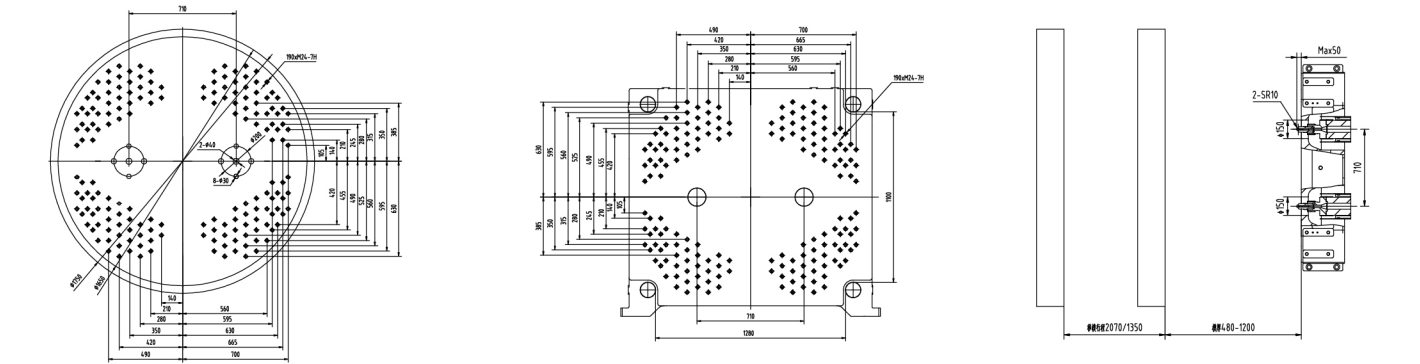
清双色技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD DP800			
国际公认型号	International size rating	— —	900		1400	
注射装置	INJECTION UNIT		A	B	A	B
理论注射容量	Injection volume(theoretical)	cm³	398	491	677	806
注射重量	Injection weight (PS)	g (克)	362	447	616	733
		oz (盎司)	12.8	15.8	21.7	25.9
注射速率	Injection rate (PS)	g/s	147	182	280	333
螺杆直径	Screw diameter	mm	45	50	55	60
注射压力	Injection pressure	MPa	250	202	209	175
螺杆长径比	Screw L/D ratio	— —	23.2	20.9	21.4	19.7
螺杆行程	Screw stroke	mm	250	250	285	285
螺杆转速	Screw speed	r/ min	0 ~ 231		0 ~ 275	
合模装置	CLAMPING UNIT					
锁模力	Clamping force	kN	8000			
移模行程	Mold opening stroke	mm	700			
模板尺寸	Platen size	mm	1760 x 1260			
转盘直径	Rotary table diameter	mm	1450			
拉杆内间距	Dist. between tie bars (H × V)	mm	1260 x 780			
模板最大距离	Max.daylight	mm	1600			
容模量 (最小—最大)	Mold thickness(Min–Max)	mm	300–900			
顶出行程	Ejector stroke	mm	260			
顶出力	Ejector tonnage	kN	110 x 2			
料管中心距	Distance between barrel centers	mm	650			
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		50.2	
电热功率	Heater power	kW	14.3		18.2	
温度控制区数	Number of temp control zones	— —	5		6	
其 它	OTHERS					
油箱容积	Oil tank	L(升)	1050			
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	9.21 x 2.8 x 2.3			
机器重量	Machine weight	Ton	45			



清双色技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD DP1080			
国际公认型号	International size rating	— —	900		2400	
注射装置	INJECTION UNIT		A	B	A	B
理论注射容量	Injection volume(theoretical)	cm³	398	491	1062	1232
注射重量	Injection weight (PS)	g (克)	362	447	966	1121
		oz (盎司)	12.8	15.8	34.1	39.5
注射速率	Injection rate (PS)	g/s	308	380	336	390
螺杆直径	Screw diameter	mm	45	50	65	70
注射压力	Injection pressure	MPa	250	202	229	197
螺杆长径比	Screw L/D ratio	— —	23.2	20.9	21.5	20
螺杆行程	Screw stroke	mm	250	250	320	320
螺杆转速	Screw speed	r/ min	0 ~ 231		0 ~ 242	
合模装置	CLAMPING UNIT					
锁模力	Clamping force	kN	10800			
移模行程	Mold opening stroke	mm	1350			
模板尺寸	Platen size	mm	1925 x 1745			
转盘直径	Rotary table diameter	mm	1650			
拉杆内间距	Dist. between tie bars (H × V)	mm	1280 x 1100			
模板最大距离	Max.daylight	mm	2070			
容模量 (最小—最大)	Mold thickness(Min—Max)	mm	480 ~ 1200			
顶出行程	Ejector stroke	mm	330			
顶出力	Ejector tonnage	kN	110 x 2			
料管中心距	Distance between barrel centers	mm	710			
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	72		72	
电热功率	Heater power	kW	14.3		32	
温度控制区数	Number of temp control zones	— —	5		6	
其 它	OTHERS					
油箱容积	Oil tank	L(升)	1150			
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	10.2 x 3.6 x 3.5			
机器重量	Machine weight	Ton	50			



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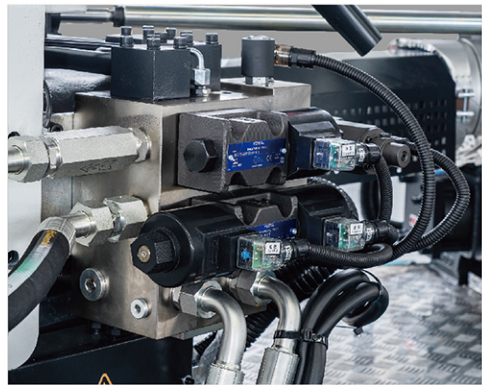


DM

混色专用注塑机
SPECIAL MIXED COLOR INJECTION MOLDING MACHINE

由于不同颜色组合，赋予产品新生命
Different color mixed then new products effect.

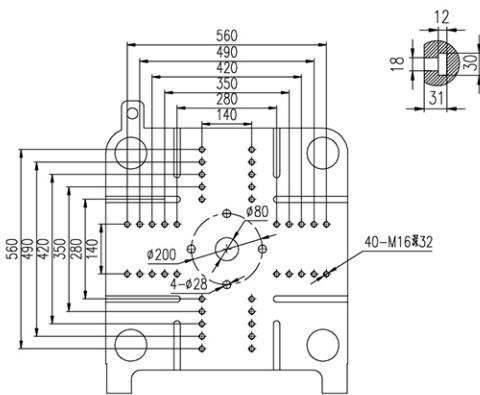
- ▶ 对内外层不同塑料产品，可取代两次加工改为一次成型。
Two layer with different material product, to replace of two times process.
- ▶ 在注射过程中可以同时注射或者间隔注射实现渐变效果。
Simultaneously injection or interval injection to reach gradient effect.



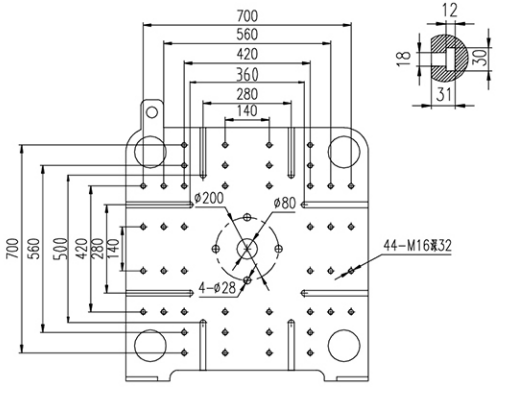
- ▶ 本机器也可以生产单色产品，一机两用，提供多元化功能及全方位服务。
Adapt to also make single color product, to provide mutil-diversity functions and service.
- ▶ 优化设计螺杆筒组件，具备更强的塑化能力和更好塑化效果，满足各种特殊产品需求。
Optimized design of screw and barrel, with better plasticizing ability and performance.
- ▶ 射台使用双层线轨结构。
Two stage guide line structure of injection unit.

混双色技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD 170-DM2		HMD 218-DM2	
			282/90	587/170	445/130	876/218
国际公认型号	International size rating	— —				
注射装置	INJECTION UNIT		A	B	A	B
理论注射容量	Injection volume(theoretical)	cm³	129	276	215	471
注射重量	Injection weight (PS)	g (克)	117	252	196	423
		oz (盎司)	4.1	8.9	6.9	15.1
注射速率	Injection rate (PS)	g/s	98	140	113	192
螺杆直径	Screw diameter	mm	32	42	38	50
注射压力	Injection pressure	MPa	219	202	207	186
螺杆长径比	Screw L/D ratio	— —	22:1	21.8:1	22: 1	22.2:1
螺杆行程	Screw stroke	mm	160	200	190	240
螺杆转速	Screw speed	r/ min	0 ~ 300	0 ~ 243	0 ~ 259	0 ~ 240
合模装置	CLAMPING UNIT					
锁模力	Clamping force	kN	1700		2180	
移模行程	Mold opening stroke	mm	450		510	
模板尺寸	Platen size	mm	710 x 690		780 x 780	
拉杆内间距	Dist. between tie bars (H x V)	mm	480 x 460		530 x 530	
模板最大距离	Max.daylight	mm	970		1060	
容模量 (最小—最大)	Mold thickness(Min-Max)	mm	180 ~ 520		200 ~ 550	
顶出行程	Ejector stroke	mm	140		140	
顶出力	Ejector tonnage	kN	50		50	
动力/电热	POWER UNIT					
油压系统压力	Hydraulic system pressure	MPa	16	17.5	17.5	17.5
油泵马达	Pump motor power	kW	18.7	23	17.5	17.5
电热功率	Heater power	kW	8.5	17.7	18.7	31.3
温度控制区数	Number of temp control zones	— —	3	5	9.6	22.6
其 它	OTHERS					
油箱容积	Oil tank	L(升)	260		530	
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	4.9 x 2.2 x 2.1		5.5 x 2.1 x 2.1	
机器重量	Machine weight	Ton	6.8		8.9	



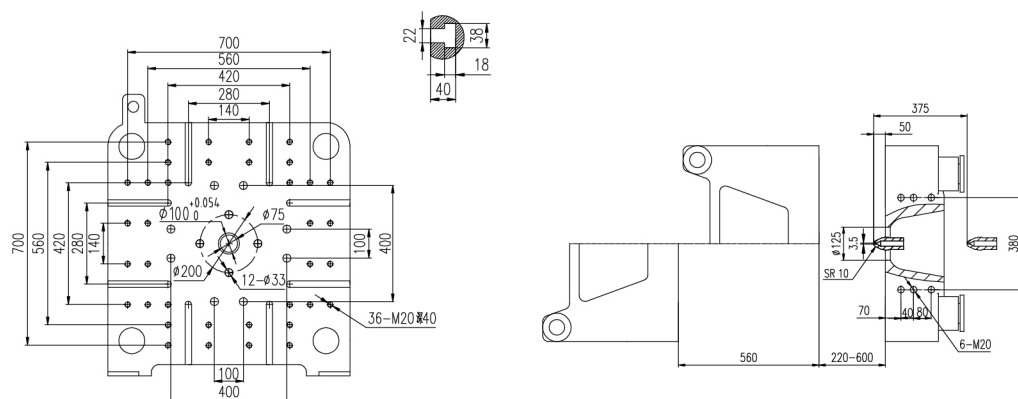
HMD 170-DM2



HMD 218-DM2

混双色技术参数表 SPECIFICATIONS

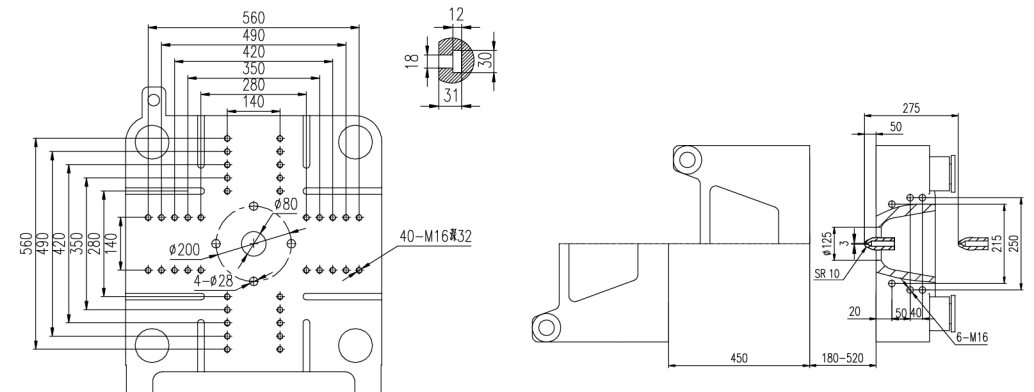
参数	PARAMETER	UNIT	HMD 268-DM2	
国际公认型号	International size rating	— —	445/130	876/218
注射装置	INJECTION UNIT		A	B
理论注射容量	Injection volume(theoretical)	cm³	215	471
注射重量	Injection weight (PS)	g (克)	196	423
		oz (盎司)	6.9	15.1
注射速率	Injection rate (PS)	g/s	113	192
螺杆直径	Screw diameter	mm	38	50
注射压力	Injection pressure	MPa	207	186
螺杆长径比	Screw L/D ratio	— —	22:1	22.2:1
螺杆行程	Screw stroke	mm	190	240
螺杆转速	Screw speed	r/ min	0 ~ 259	0 ~ 240
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 x 835	
拉杆内间距	Dist. between tie bars (H × V)	mm	580 x 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	17.5
油泵马达	Pump motor power	kW	18.7	31.3
电热功率	Heater power	kW	9.6	22.6
温度控制区数	Number of temp control zones	— —	3	6
其 它	OTHERS			
油箱容积	Oil tank	L(升)	600	
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	6.2 x 2.25 x 2.3	
机器重量	Machine weight	Ton	11.5	



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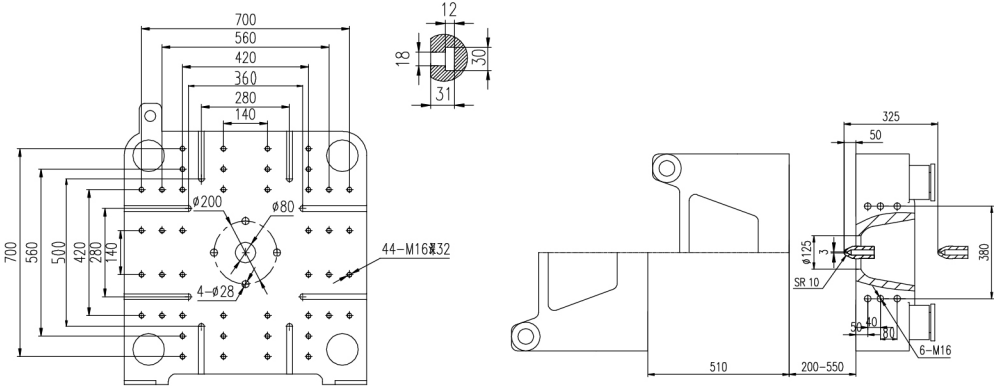
混三色技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD 170-DM3		
国际公认型号	International size rating	— —	300	300	300
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm³	93	108	93
注射重量	Injection weight (PS)	g (克)	85	98	85
		oz (盎司)	3.0	3.5	3.0
注射速率	Injection rate (PS)	g/s	55	63	55
螺杆直径	Screw diameter	mm	26	28	26
注射压力	Injection pressure	MPa	342	295	342
螺杆长径比	Screw L/D ratio	— —	23:1	21.4:1	23:1
螺杆行程	Screw stroke	mm	175	175	175
螺杆转速	Screw speed	r/ min	0 ~ 244	0 ~ 244	0 ~ 244
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 x 690		
拉杆内间距	Dist. between tie bars (H × V)	mm	480 x 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	17.5	17.5
油泵马达	Pump motor power	kW	18.7	18.7	18.7
电热功率	Heater power	kW	7.7	9.4	7.7
温度控制区数	Number of temp control zones	— —	4	5	4
其 它	OTHERS				
油箱容积	Oil tank	L(升)	520		
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	4.9 x 2.1 x 2.1		
机器重量	Machine weight	Ton	7		



混三色技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD 218-DM3		
国际公认型号	International size rating	— —	445/130	876/218	445/130
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm³	215	471	215
注射重量	Injection weight (PS)	g (克)	196	423	196
		oz (盎司)	6.9	15.1	6.9
注射速率	Injection rate (PS)	g/s	113	192	113
螺杆直径	Screw diameter	mm	38	50	38
注射压力	Injection pressure	MPa	207	186	207
螺杆长径比	Screw L/D ratio	— —	22:1	22.2:1	22:1
螺杆行程	Screw stroke	mm	190	240	190
螺杆转速	Screw speed	r/ min	0 ~ 259	0 ~ 240	0 ~ 259
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 x 780		
拉杆内间距	Dist. between tie bars (H × V)	mm	530 x 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	17.5	17.5
油泵马达	Pump motor power	kW	18.7	31.3	18.7
电热功率	Heater power	kW	9.3	21.3	9.3
温度控制区数	Number of temp control zones	— —	3	6	3
其 它	OTHERS				
油箱容积	Oil tank	L(升)	580		
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	5.5 x 2.25 x 2.1		
机器重量	Machine weight	Ton	8.2		



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混三色技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD 268-DM3		
国际公认型号	International size rating	— —	445/130	876/218	445/130
注射装置	INJECTION UNIT		A	B	C
理论注射容量	Injection volume(theoretical)	cm³	215	471	215
注射重量	Injection weight (PS)	g (克)	196	423	196
		oz (盎司)	6.9	15.1	6.9
注射速率	Injection rate (PS)	g/s	113	192	113
螺杆直径	Screw diameter	mm	38	50	38
注射压力	Injection pressure	MPa	207	186	207
螺杆长径比	Screw L/D ratio	— —	22:1	22.2:1	22:1
螺杆行程	Screw stroke	mm	190	240	190
螺杆转速	Screw speed	r/ min	0 ~ 259	0 ~ 240	0 ~ 259
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 x 835		
拉杆内间距	Dist. between tie bars (H × V)	mm	580 x 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	17.5	17.5
油泵马达	Pump motor power	kW	18.7	31.3	18.7
电热功率	Heater power	kW	9.3	21.3	9.3
温度控制区数	Number of temp control zones	— —	3	6	3
其 它	OTHERS				
油箱容积	Oil tank	L(升)	650		
外形尺寸(L x W x H)	Machine dimension(L x W x H)	m	6.2 x 2.25 x 2.3		
机器重量	Machine weight	Ton	11.5		

