



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

涂料桶专用注塑机

HWAMDA INJECTION MOLDING MACHINE
FOR PAINT BUCKET



2025年7月修订

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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.



涂料桶专用注塑机

Hwamda Injection Molding Machine for Paint Bucket

1

模板采用了中间加强板型设计，适合涂料桶等模板中心强度要求高的模具，锁模机构具有运动平稳、快速、模板刚性好和拉杆寿命长等优点。

Center reinforced platen design, suitable for molds that need high center strength requirements like paint buckets. Clamping unit more stable and fast, with good rigidity and long lifetime of tie bar.



2

螺杆特殊设计，提高塑化及下料能力，缩短生产周期，高速储料马达，加快储料速度。

Special design screw improves the plasticizing and charging capacity, shortens the production period. High-speed charging motor increase the charging speed.



3

采用双泵动力加大伺服系统，标配开顶同步，提高生产效率（除HMD430M8-SII外）。

Adopt double increased servo motor system, standard with eject on fly, to improve production efficiency. (Except HMD430M8-SII)

4

冷却水排配大型材，15+1 Φ12快插水排。采用红外加热系统，保温效果好，比普通加热圈节能30%。

Cooling water distributor equipped with 15+1 Φ12 quick plug. Adopt with infrared heating band, good heat preservation effect, 30% energy saving than ordinary heating band.



生产解决方案

Solutions of Paint Bucket

HMD M8SII 系列-涂料桶解决方案							
涂料桶规格 Paint Bucket Model	注塑机型号 Model	锁模力 Clamping force	注射量 Shot weight	容模量 Mold thickness	开模行程 Opening stroke	拉杆内间距 Space between tie bar	机械手取件 Manipulator for pick up
		T	g	mm	mm	mmxmm	
10L	HMD430M8-SII	430	1646	250-730	730	760x730	3轴机械手正常取物 3-axis robot extract properly
15L	HMD500M8-SII	500	1858	300-820	810	830x830	3轴机械手正常取物 3-axis robot extract properly
15-18L	HMD600M8-SII	600	2324	300-900	900	900x880	3轴机械手正常取物 3-axis robot extract properly
18-25L	HMD700M8-SII	700	2903	350-960	970	970x930	3轴机械手正常取物 3-axis robot extract properly
25-33L	HMD800M8-SII	800	3225	350-1000	1040	1020x1000	3轴机械手正常取物 3-axis robot extract properly
10-15L	HMD500M8-SII	500	1858	300-820	810	830x830	可模内贴 In-mold labeling
15-18L	HMD600M8-SII	600	2324	300-900	900	900x880	可模内贴 In-mold labeling
18-22L	HMD700M8-SII	700	2903	350-960	970	970x930	可模内贴 In-mold labeling
25-33L	HMD800M8-SII	800	3225	350-1000	1040	1020x1000	可模内贴 In-mold labeling

Product display

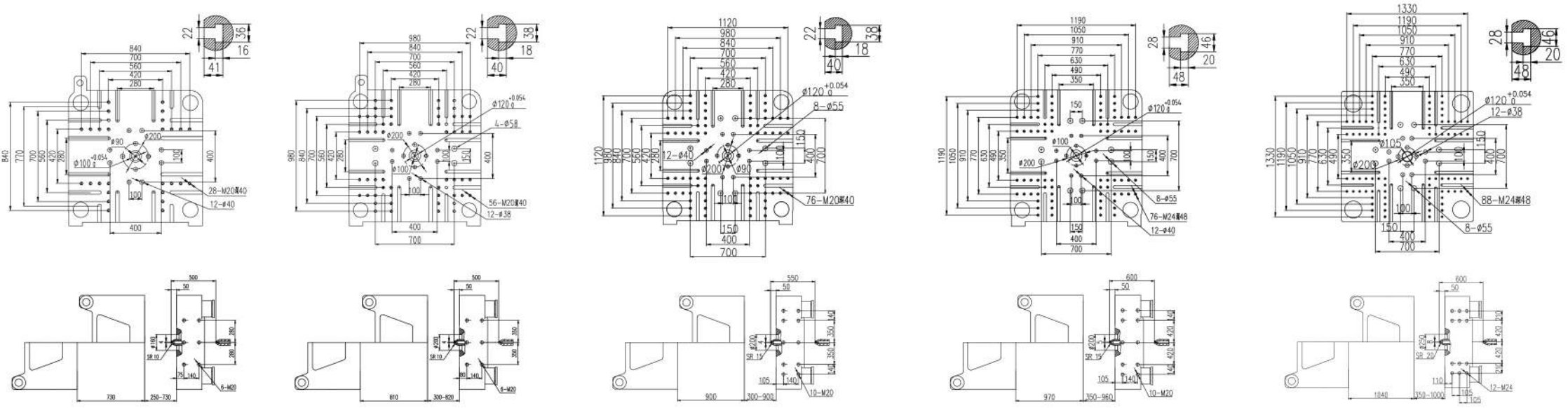
产品展示



技术参数表 SPECIFICATIONS

参数	PARAMETER	UNIT	HMD430M8-SII	HMD500M8-SII	HMD600M8-SII	HMD700M8-SII	HMD800M8-SII
国际公认型号	International size rating	——	2859/430	3165/500	4456/600	5295/700	6414/800
注射装置	INJECTION UNIT						
理论注射容量	Injection volume(theoretical)	cm³	1809	2042	2554	3190	3544
注射重量	Injection weight(PS)	g (克)	1646	1858	2324	2903	3225
		oz (盎司)	58.1	65.6	82	102.4	113.8
注射速率	Injection rate(PS)	g/s	591	680	685	877	921
螺杆直径	Screw diameter	mm	80	85	85	95	95
注射压力	Injection pressure	MPa	158	155	174	166	181
螺杆长径比	Screw L/D ratio	— —	22.5:1	22.8:1	23.3:1	24:1	23:1
螺杆行程	Screw stroke	mm	360	360	450	450	500
螺杆转速	Screw speed	r/ min	0~173	0~165	0~160	0~180	0~181
合模装置	CLAMPING UNIT						
锁模力	Clamping force	kN	4300	5000	6000	7000	8000
移模行程	Mold opening stroke	mm	730	810	900	970	1040
模板尺寸	Platen size	mm	1032×1042	1128×1168	1210×1250	1325×1345	1420×1440
拉杆内间距	Dist. between tie bars (HxV)	mm	760×730	830×830	900×880	970×930	1020×1000
模板最大距离	Max.daylight	mm	1460	1630	1800	1930	2040
容模量 (最小—最大)	Mold thickness(Min-Max)	mm	250 ~ 730	300 ~ 820	300~900	350 ~ 960	350 ~ 1000
顶出行程	Ejector stroke	mm	185	210	240	265	280
顶出力	Ejector tonnage	kN	111	111	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	17.5	17.5
油泵马达	Pump motor power	kW	72	48+31	60+31	60+60	72+60
电热功率	Heater power	kW	47.8	51.6	56.2	61.6	61.4
温度控制区数	Number of temp control zones	— —	6	6	6	6	7
其 它	OTHERS						
油箱容积	Oil tank	L (升)	500	590	550	680	1000
外形尺寸 (L x W x H)	Machine dimension (L x W x H)	m	8.0×2.0×2.6	8.3×2.1×2.6	9.9×2.3×2.5	10.4×2.4×2.7	11.5×2.5×3.3
机器重量	Machine weight	Ton	18	22	25	32	38

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.