日进®
RIJIN MACHINE

热固性注塑
THERMOSETTING INJECTION MOLDING MACHINE



RT系列
热固性射出成型机

RT SERIES
THERMOSETTING INJECTION MOLDING MACHINE

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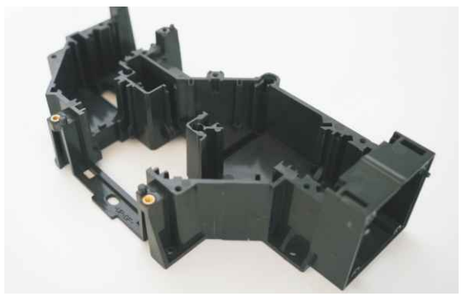
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热固性注塑技术

THERMOSETTING INJECTION MOLDING TECHNOLOGY

热固性注塑，其实与热塑性成型工艺基本相同，但是参数和成型条件不同，注塑单元基本上完全算是计量单元，主要因素是热固性塑料本身的特性决定的，热固性塑料最大的特点是不可逆性，因为热固性塑料是网状分子结构，这种结构可以说是永久性结合，如果分子结构破坏，不可逆性结合不会断开，所以热固性塑料，不能热变形，仅有弹性，不能熔解，不易反应。这种特性，也导致很多热固性产品的不可替代，但目前随着环保、能源的大环境要求，各国也在努力寻找新型材料，替代不可逆。

Thermosetting , in fact, and thermal plastic molding process is basically the same, but different parameters and molding conditions,injection unit only the unit of measurement, the main factors are determined properties of thermosetting plastics. thermosetting plastics biggest characteristics is irreversible, because for thermosetting plastic mesh molecular structure, this structure is in permanent connection. If the molecule structure destruction, irreversible binding does not disconnect, so the thermosetting plastic,not hot deformation,only elastic, not melting, easy response.This feature, also led to a lot of thermosetting products can not be replaced,but at present with the environmental protection, energy and environment requirements,the country is also trying to find new materials, alternative irreversible.





日进热固性成型机，主要有电木和BMC两个产品系列。与传统热固性注塑机相比，日进热固性成型机的注塑产品具有高致密度，废品少等优点。
适用范围，日常生活耐热、耐腐蚀用品、电讯、电器绝缘零件、汽车车灯等。

Rijin thermosetting injection molding machine ,mainly has bakelite and BMC two series. Compared with the traditional thermosetting injection molding machine, the Rijin injection molding products has the advantages of high density, less waste and soon.
Scope of application, daily life heat, corrosion products, telecommunications, electrical insulation parts, car lights, etc..

主要技术特性:

专业的料筒螺杆组模块，双金属材质，电木专用合金射嘴和BMC加长专用冷却射嘴。
液体恒温控制和独立的射嘴温控。

Main technical characteristics:

Barrel and screw module professional, double metal, alloy special bakelite nozzle and BMC special cooling nozzle extension.
Liquid temperature control and independent nozzle temperature control.

自动送料系统(无损输送)，专用的电木和BMC自动无损送料，实现自动化，特别是BMC的湿式团状材料的无损送料，可以便于清料，以及在送料过程中的最佳预压缩，利于成型，减少纤维损伤。
排气，专业的排气控制，可以选择多种排气方式，简化生产过程，降低能耗。

Automatic feeding system (lossless transmission), dedicated bakelite and BMC automatic nondestructive feeding, automation,especially the BMC wet dough material nondestructive feeding, easy to clean material, and in the feeding process and the optimumpre compression, for molding, reduce fiber damage.
Exhaust, professional exhaust control, you can choose a variety of exhaust, simplify the production process, reduce energy consumption.

热固性注塑技术–电木

THERMOSETTING INJECTION MOLDING TECHNOLOGY-BAKELITE

电木专业料筒螺杆组，采用双金属材料，持久耐用;良好的塑化设计，和专业的注射系统，
电木产品高致密度，高强度。
电木专用程序，如专业排气设计，射后锁模，定时加热等。
料筒专用的独立温控装置。温度准确，温控迅速，效率高。
独立的热模温控盒，方便接线，和维护，也可以定制独立的温控柜。
耐高温高压的隔热板设计，强度高，隔热好。







Specialized in bakelite barrel screw group,using doublemetal material,durable ; good plasticizing design,professional and injectionsystem ,bakeliteproducts high density and high strength.

Bakelite special procedures, such as professional exhaust design, after injection mould clamping, timing heating etc..

The independent temperature control device, which is specially used in the barrel, is accurate in temperature,quick in temperature control and high in efficiency.

Independent thermal mold temperature control box, convenient connection, and maintenance, can also be customized independent temperature control cabinet.

Heat-resisting and high pressure resistant insulating board design, high strength, good thermal insulation.





热固性注塑技术 —— BMC
THERMOSETTING INJECTION MOLDING TECHNOLOGY-BMC

BMC专用料筒螺杆组设计，耐腐蚀，耐磨，专业的塑化段设计，
加料顺畅，计量准确，易清料，减少对玻纤的损害。
自动填料装置，快速，准确。
大机器配备填料平台楼梯，方便加料。
专用的独立温控系统，温控准确，高效。
耐高温高压的隔热板设计，强度高，隔热好。

BMC special barrel and screw group design,corrosion resistance, abrasion resistance, plasticizing design, professional feeding smooth, accurate measurement, easy to clean material, reduce the damage of glass fiber.
Automatic packing device, fast and accurate.
Large machine with charging platform, convenient feeding.
Independent temperature control system for temperature control, accrate, efficient.











RJ 系列电木机参数
技术规格参数表 SPECIFICATIONS

说明			RJ140U	RJ170U	RJ200U	RJ240U	RJ270U	RJ360U	RJ400U	RJ450U	RJ530U
说明	DESCRIPTION	单位									
螺杆直径	Screw Diameter	mm	40	48	50	60	65	75	80	80	90
理论注射容积	Theoretical shot volume	cm^3	213	407	422	706	945	1722	1965	1965	2544
注射重量	Shot weitht	g	238	448	518	790	1007	1928	2250	2250	2849
注射压力	Injection Pressure	Bar	1800	1490	1613	1816	1500	1734	1680	1680	1833
锁模系统	CLAMPING UNIT										
锁模力	Clamping Force	KN	1400	1700	2000	2400	2700	3600	4000	4500	5300
移模行程	Opening Stroke	mm	390	435	435	475	550	670	765	740	850
拉杆内间距	Space between tie bars	mm	420X420	470X470	480X480	520X520	580X580	730X670	730X730	770X770	860X810
最小模厚	Min.mold Height	mm	120	140	140	160	160	210	210	210	290
最大模厚	Max.mold Height	mm	420	510	510	510	540	640	740	740	790
顶出力	Ejector Force	KN	46	46	46	62	62	70	79	110	150
顶出行程	Ejector Stroke	mm	120	135	135	140	150	160	150	200	220
其他	GENERAL										
最大油泵压力	System Pressure	Mpa	16	16	16	16	16	16	16	16	16
油泵动力	Pump Motor	KW	18.5	22	22	30	37	45	45	45	75
油箱容积	Heating Capacity	L	200	250	250	250	260	360	520	550	580
机器外形	Machine Dimension	m	4.65X1.26X1.92	5.18X1.36X2.1	5.3X1.56X2.26	5.7X1.52X2.3	6.2X1.71X2.3	6.5X1.83X2.5	7.4X1.99X2.5	8.3X1.9X2.5	8.8X2.2X2.6
机器重量(约)	Hopper Capacity	T	4.4	5.3	6.3	7	8.5	14	16	19	26

RS 系列电木机参数
技术规格参数表 SPECIFICATIONS

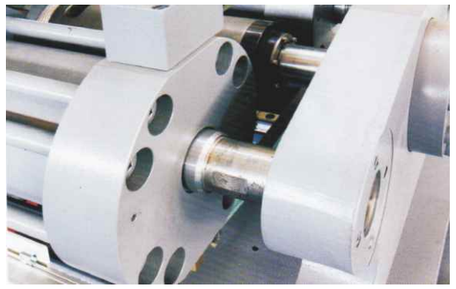
RS100U	RS150U	RS200U	RS250U	RS300U	RS320U	RS350U
35 40	45	48	60 65	65	70	70 75
168 226	326	371	845 995	995	1154	1501 1722
188 253	365	415	946 1114	1114	1292	1680 1982
1698 1705	1800	1583	1775 1515	1515	1663	2065 1799
1000	1500	2000	2500	3000	3200	3500
345	445	460	520	600	600	680
370X370	470X420	520X470	570X520	630X580	660X630	730X680
110	140	140	160	160	210	240
350	490	510	540	610	640	690
38	42	58	77	77	77	110
110	140	140	145	150	180	180
16	16	16	16	16	16	16
15	22	30	37	37	37	45
150	170	215	250	420	500	500
4.2X1.25X1.85	4.85X1.36X1.97	5.2X1.4X2	5.63X1.57X2	6.3X1.58X2.08	6.4X1.8X2.4	7.2X1.8X2.4
3.5	4.6	5.45	7.8	11.8	13.2	15

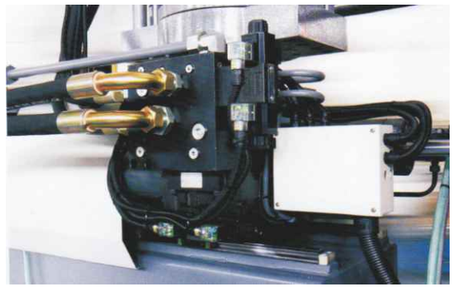
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RJ 系列BMC机射出机参数

技术规格参数表 SPECIFICATIONS

			RJ140BMC	RJ170BMC	RJ200BMC	RJ240BMC	RS250BMC	RS300BMC	RS320BMC	RS350BMC	RJ420BMC	RJ530BMC	RJ630BMC
说明	DESCRIPTION	单位											
螺杆直径	Screw Diameter	mm	45	48	55	60	65	65	70	75	75	85	100
理论注射容积	Theoretical shot volume	cm^3	274	407	510	706	995	995	1193	1722	1722	2219	3140
注射重量	Shot weitht	g	465	692	867	1200	1692	1692	2028	2927	2927	3772	5338
注射压力	Injection Pressure	Bar	1420	1490	1388	1760	1510	1510	1633	1800	1734	1488	1488
锁模系统	CLAMPING UNIT												
锁模力	Clamping Force	KN	1400	1700	2000	2400	2500	3000	3200	3500	4200	5300	6300
移模行程	Opening Stroke	mm	390	435	435	475	520	600	600	680	740	850	900
拉杆内间距	Space between tie bars	mm	420X420	470X470	480X480	520X520	570X520	630X580	660X630	730X680	770X770	860X810	925X875
最小模厚	Min.mold Height	mm	120	140	140	160	160	160	210	240	210	290	290
最大模厚	Max.mold Height	mm	420	510	510	510	540	610	640	690	740	790	860
顶出力	Ejector Force	KN	46	46	46	62	77	77	77	110	110	150	150
顶出行程	Ejector Stroke	mm	120	135	135	140	145	150	180	180	200	220	335
其他	GENERAL												
最大油泵压力	System Pressure	Mpa	16	16	16	16	16	16	16	16	16	16	16
油泵动力	Pump Motor	KW	18.5	22	22	30	30	37	37	45	45	75	82
油箱容积	Machine Dimension	L	200	250	250	250	250	420	500	500	550	580	650
机器外形	Hopper Capacity	m	4.65X1.2X3.25	5.10X1.3X3.42	5.4X1.56X3.45	5.7X1.52X3.45	5.63X1.57X3.7	6.3X1.58X3.8	6.4X1.8X3.8	7.2X1.8X3.8	8.3X1.9X4.26	8.8X2.2X4.26	10.2X2.35X4.45
机器重量(约)	Machine Weight	T	5.4	6.3	7.3	8.5	9.5	11.5	13.2	16	20	28	35





如有高强度BMC注射要求，请向公司索取资料。

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