

HXF-BMC Series-BMC Injection Molding Machine

HXF-BMC系列- BMC专用射出成型机



BMC 专用射出成型机

BMC属于热固性塑料的一种，具有耐高温、耐燃性、耐蚀性、高机械强度、尺寸安定、电器绝缘等特性。可应用于汽车类零件、电子工业、家用电器及通讯器材的外壳及零件。

本机特点

采用单缸液压式自动供料装置，可提供稳定的进料功能。

具有填料台设计，塑料补充作业更方便。专用隔热垫板，模温控制更准确。

BMC (Bulk Molding Compounds) is one of the thermosetting plastic material.

BMC has many properties including Heat-resistance, Flame-retardant, Erosion-resistance, High Mechanical Strength, Dimensions Stability and Electrical Insulated. It is widely used into kinds of industries including Automotive parts, Electronic parts, Household appliances and Communication equipment.

Features

Single cylinder hydraulic auto-feed mechanism, it can supply the function of feeding steady.

Designing filling material stand, it is convenient to fill material. The plate equipped with adiabatic spacer, it can let mold temperature control more precise.

HXF-G Series Thermosetting Injection Molding Machine

HXF-G系列电木专用机



HXF380G 电木专用机

HXF-G电木专用机配备优化设计的热固性塑料专用料管组，具有塑化效果好，耐用性好；采用名牌模温机对料管组加热，温控准确；锁模部分加装隔热板和辅助模板，并备有模具加热接口，模具温度实现电脑PID控制，精确度高。可胜任电木、电玉等热固性塑料的生产，在此基础上海星公司更可以向客户提供专业的BMC特殊注塑机。

HXF-G Thermosetting Injection Molding Machine is equipped with special screw and barrel unit with optimized design for thermosetting material. It has good plastification effect and durability. Famous brand mould temperature controller is used to heat the screw and barrel unit with accurate temperature control. The clamping unit is equipped with insulating board and auxiliary die plate and provided with mold heating interface. The mold temperature has realized PID control with high accuracy. Special design of nozzle for quick-clearing purpose when machines suspended. The machine can be used for production of thermosetting material such as bakelite. We can make special Thermosetting Injection Molding Machine for BMC material.

电木机系列技术规格参数表 Specifications

说明 项目	DESCRIPTION Item	UNIT	HXF88G		HXF128G		HXF160G		HXF220G		HXF260G		HXF320G		HXF380G		HXF470G		
			A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
注射装置			INJECTION UNIT																
螺杆直径	Screw diameter	mm	35	37	37	40	40	45	45	50	50	55	60	65	65	70	75	80	
螺杆长径比	Screw L/D ratio	L/D	20.6	19.5	21.1	19.6	22.5	20	22.2	20	22.5	20.5	21.7	20	22.4	20.6	21.4	20	
理论注射容量	Shot Volume(Theoretical)	cm ³	123	137	172	201	270	342	334	412	490	593	727	853	1094	1269	1722	1959	
注射重量	Shot weight	g / (克)	148	164	206	241	324	410	401	494	588	712	872	1024	1313	1523	2066	2351	
	(PS)	oz (盎司)	5.2	5.8	7.3	8.5	11.4	14.5	14.1	17.4	20.7	25.1	30.8	36.1	46.3	53.7	72.9	82.9	
注射压力	Injection pressure	Mpa	193	173	196	168	201	159	216	175	205	169	213	182	208	180	177	156	
注射速度	Injection Speed	mm/s	88	100	112	130	122	139	120	148	167	200	238	279	317	369	426	485	
注射行程	Injection Stroke	mm	14	16.8	15.7	20.4	22.8	31.7	26.2	31.5	31.5	41.2	45.5	55.8	57.5	64.3	59.8	68	
螺杆转速	Screw speed	rpm	220		220		180		180		180		180		180		160		
合模装置			CLAMPING UNIT																
合模力	Clamping force	KN	880		1280		1600		2200		2600		3200		3800		4700		
移模行程	Toggle Stroke	mm	320		365		445		490		540		640		700		780		
拉杆间距	Space between tie bars	mm	365 × 365		412 × 412		470 × 470		530 × 530		580 × 580		685 × 685		726 × 726		820 × 800		
最大模厚	Max.Mould Height	mm	380		450		520		560		610		690		760		830		
最小模厚	Min.Mould Height	mm	150		160		180		200		220		250		250		300		
顶出行程	Ejector Stroke	mm	100		130		140		140		150		160		180		200		
顶出力	Ejector Force	KN	27.5		39.6		39.6		62		62		70		110		110		
顶出杆根数	Ejector Number	n	5		5		5		9		9		13		13		17		
其它			OTHERS																
最大油泵压力	Max.Pump Pressure	Mpa	16		16		16		16		16		16		16		16		
油马达功率	Pump Motor Power	KW	11		13		15		18.5		22		30		37		45		
温度控制器	Temperature Controller	KW	(0-400℃) × 2		(0-400℃) × 2		(0-400℃) × 2		(0-400℃) × 2		(0-400℃) × 2		(0-400℃) × 2		(0-400℃) × 2		(0-400℃) × 2		
外型尺寸	Machine Dimensions(L × W × H)	m	3.92 × 1.08 × 2.04		4.39 × 1.14 × 2.08		4.98 × 1.26 × 2.22		5.8 × 1.4 × 2.22		6.04 × 1.49 × 2.34		6.76 × 1.71 × 2.42		7.23 × 1.86 × 2.57		8.00 × 1.90 × 2.71		
油箱容积	Oil Tank Capacity	Liter	200		205		245		320		405		550		650		660		
机器重量	Machine weight	Ton	3.5		4.35		5.65		7.1		8.5		13.2		15		19		

注意:1.正常情况下改善技术参数,不予另行通知。2.除了上述表格中技术规格参数以外,尚需更详细的资料请垂询。