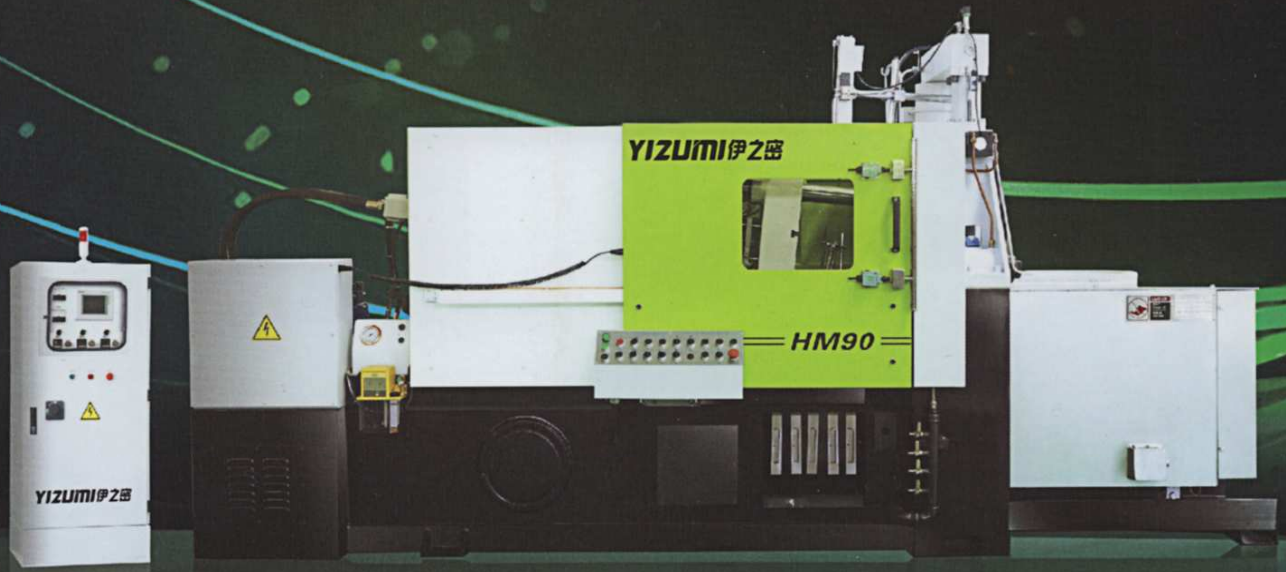


▶ HM系列热室压铸机
SERIES HOT CHAMBER DIE CASTING MACHINE
YIZUMI伊之密

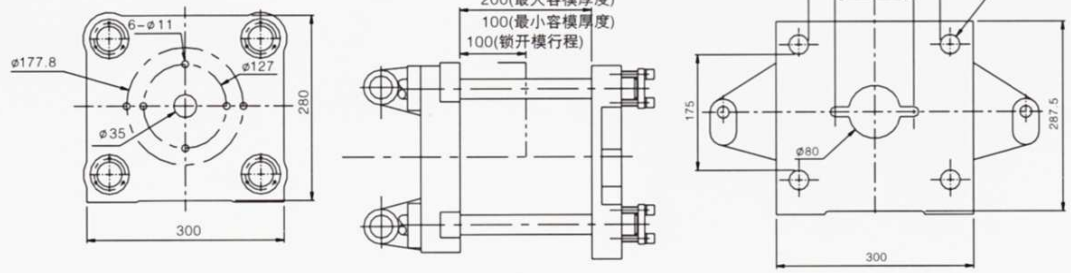


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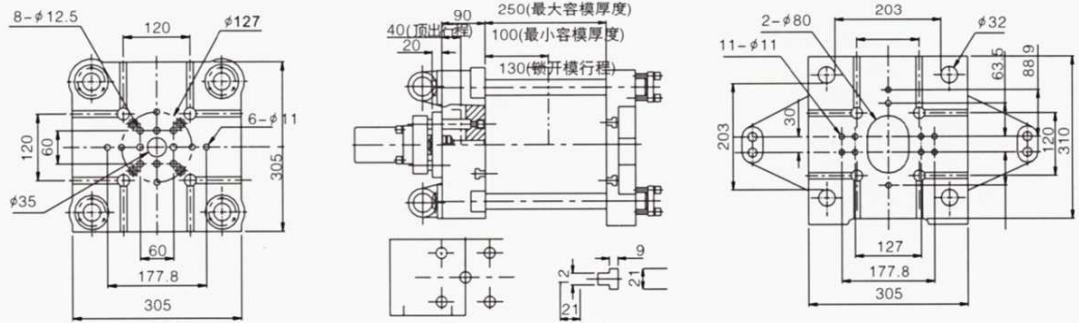
ROLOP
PRENSAS HIDRAULICAS

■ 模板射嘴尺寸图 Platen Dimension & Layout

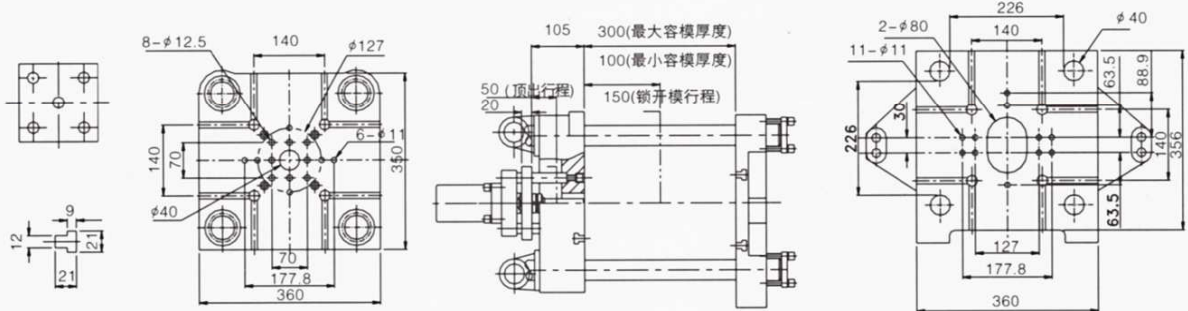
● HM8



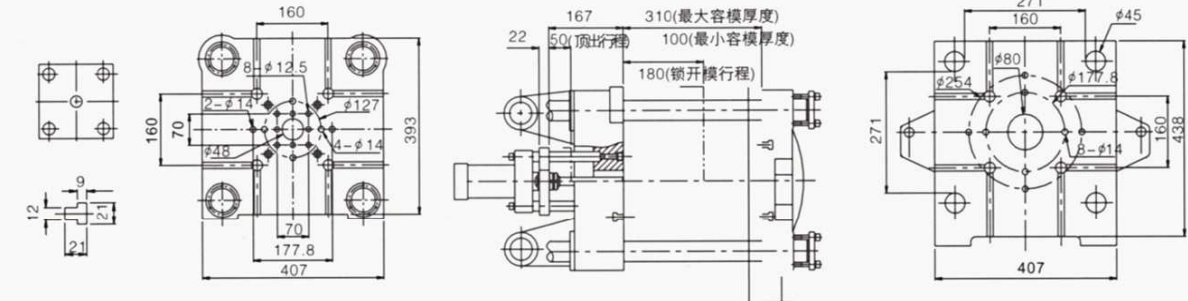
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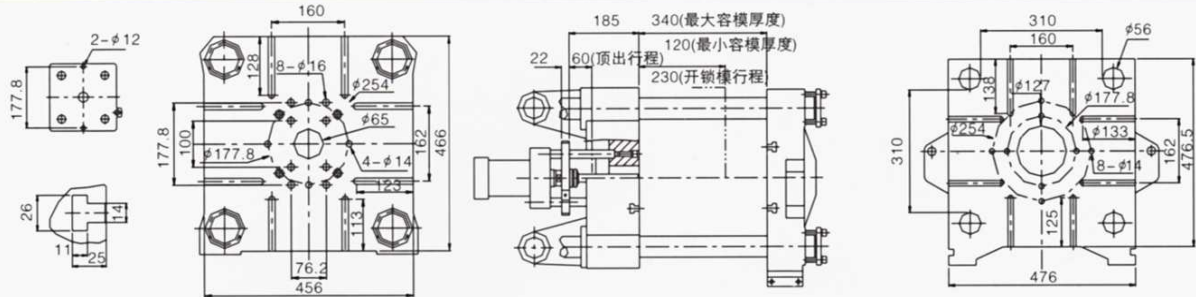
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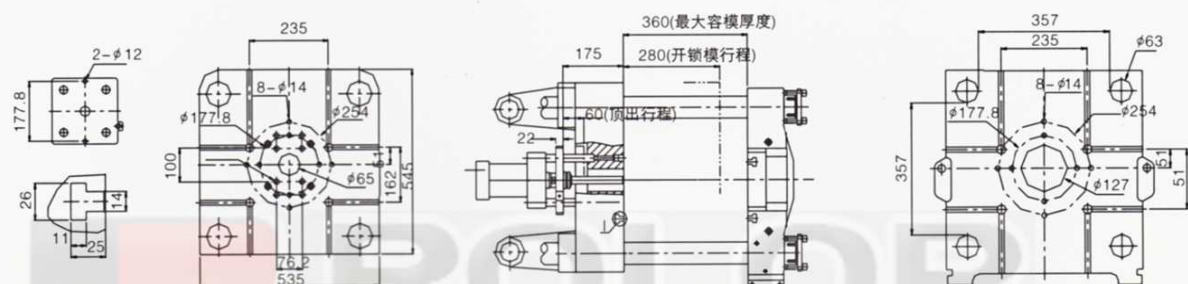
● HM30



● HM50

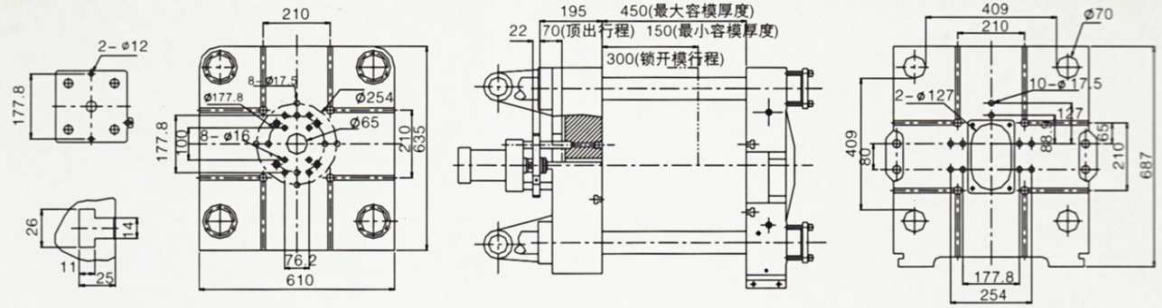


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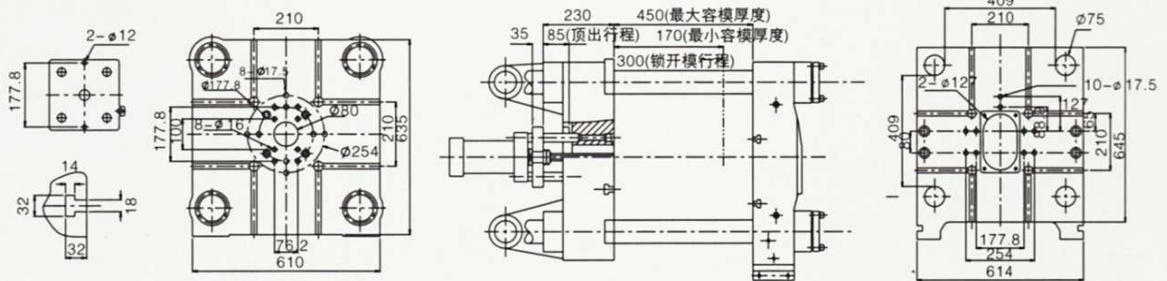


■ 模板射嘴尺寸图 Platen Dimension & Layout

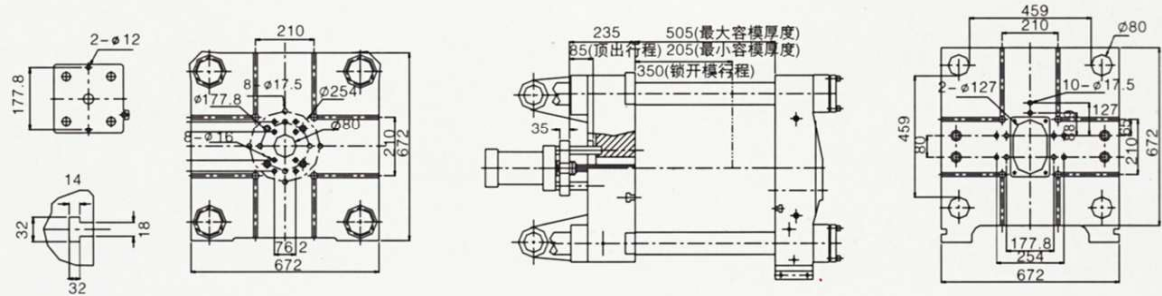
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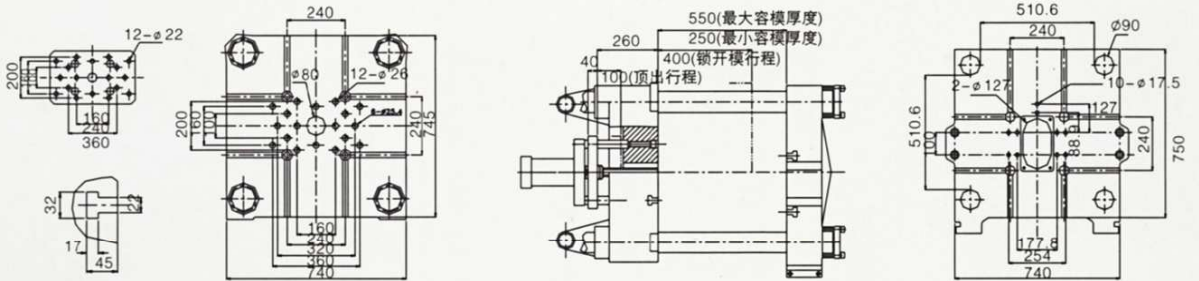
● HM130



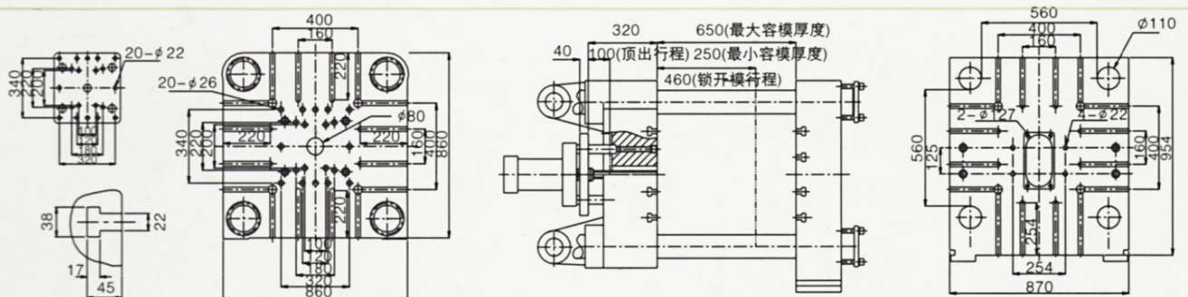
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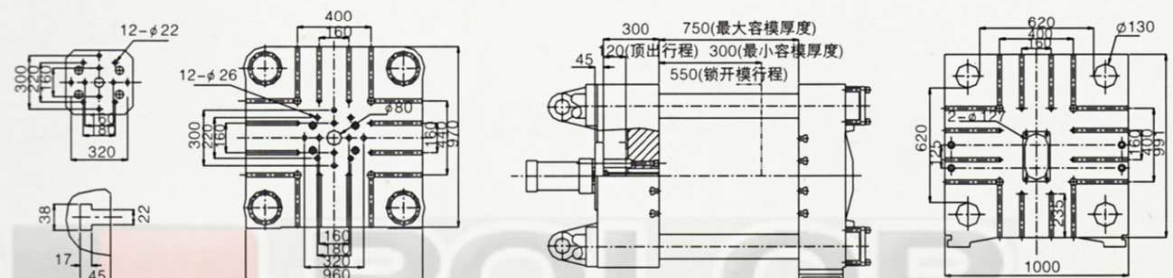
● HM200



● HM280



● HM400



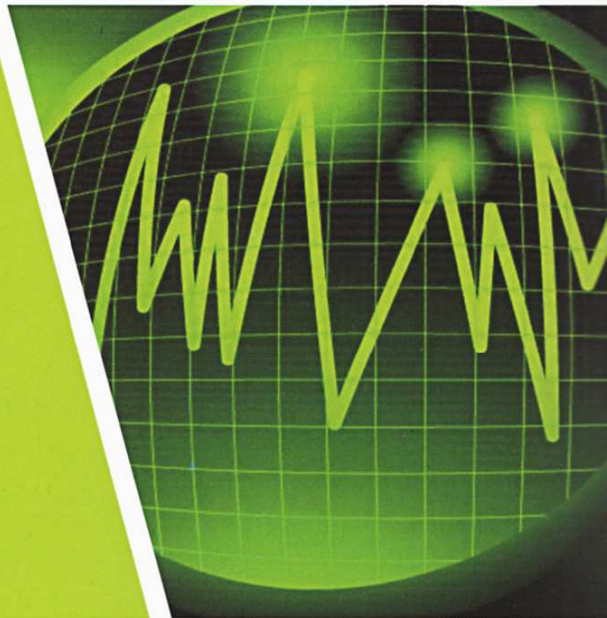
■ 技术参数表 Machine Specification

项目 Item	单位 Unit	HM8	HM12	HM18	HM30	HM50	HM90	HM100	HM130	HM160	HM200	HM280	HM400																	
锁模力 Clamping Force	kN	80	120	180	300	500	900	1000	1300	1600	2000	2800	4000																	
锁模行程 Clamping Stroke	mm	100	130	150	180	230	280	300	350	350	400	460	550																	
顶出力 Ejection Force	kN		12	20	30	50	50	70	88	108	108	158	180																	
顶出行程 Ejection Stroke	mm	20-40	40	50	50	60	60	70	85	85	100	100	120																	
模具厚度(最小-最大) Mold Height (Min.-Max.)	mm	100-200	100-250	100-300	100-310	120-340	150-360	150-450	170-450	205-505	250-550	250-650	300-700																	
模板尺寸(水平×垂直) Platen Size (H×V)	mm	300X280	305X305	360X350	407X393	456X456	535x545	610X635	614X636	672X667	740X740	860X860	960X960																	
大杠内距 Space Between Tie Bars	mm	200X175	203X203	226X226	271X271	310X310	357x357	409X409	409X409	459X459	510X510	560X560	620X620																	
大杠直径 Tie Bar Diameter	mm	30	32	40	45	56	63	70	75	80	90	110	130																	
射料位置 Injection position	mm	0	0	-30	0	-30	0	-40	0	-50	0	-60	0,-80	0,-80	0,-80	0,-100	0,-125	0,-150												
射料力 Injection Force	kN	11	17	27	40	65	65	89	108	108	130	158	180																	
射料行程 Injection Stroke	mm	50	80	80	110	130	130	150	150	150	175	200	230																	
离阻行程 Disengage Stroke	mm	105	140	140	150	190	190	200	200	200	200	200	340																	
冲头直径 Injection Plunger Diameter	mm	30	32	30	36	30	36	36	40	45	45	50	55	45	50	55	55	60	60	65	60	65	70	60	65	70	70	80	70	80
射料重量 Shot Weight	kg (Zn)	0.17	0.2	0.28	0.4	0.28	0.4	0.55	0.68	0.87	1	1.26	1.53	1	1.26	1.53	1.76	2.1	2.1	2.5	2.1	2.5	2.86	2.5	2.9	3.3	3.8	5	4.4	5.7
射料比压 Injecting Pressure	MPa	15.5	13.6	24	16.7	38.2	26.5	39.3	31.8	25.1	40.8	33.1	27.3	40.8	33.1	27.3	37.4	31.4	38.2	32.5	38.2	32.5	28	46	39.1	33.7	41	31.4	47.3	36.2
系统工作压力 System Working Pressure	MPa	6	6	7	10.5	10.5	10.5	14	14	14	14	14	14																	
坩锅容量 Crucible Capacity	dm3 (Kg/zn)	11(75)	22(145)	22(145)	40(260)	50(300)	50(330)	50(330)	55(360)	55(360)	110(720)	110(720)	200(1250)																	
电机功率 Motor Capacity	KW	4	4	5.5	7.5	11	11	11	15	15	15	18.5	22																	
熔炉能耗量 Furnace	燃油 Fuel	Kg/H	1.5	3.2	3.2	3.5	4.8	4.8	4.8	4.8	4.8	6.3	6.3	11																
	电炉 Electricity	KW	16	22	22	26	30	30	30	30	30	42	42	70																
油箱容量 Oil Tank Capacity	L	150	150	160	200	200	250	300	300	300	400	500	800																	
射阻加热功率 Nozzle Heating Power	KW	1.5	1.5	2	2	2	2	2.5	2.5	2.5	4	5	5																	
机器重量 Machine Weight	kg	1520	1650	1795	2600	3500	4000	5550	5800	6150	7900	11000	17800																	
机身外形尺寸 Machine Dimension (L×W×H)	mm (LXWXH)	2450X950 X1790	3105X1080 X1800	3410X1080 X1800	3980X1450 X1840	4350X1620 X2120	4370X1620 X2120	5000X1750 X2280	5200X1630 X2350	5550X1630 X2580	5950X1750 X2600	6500X1850 X2650	7500X1950 X2950																	

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HM系列 热室压铸机

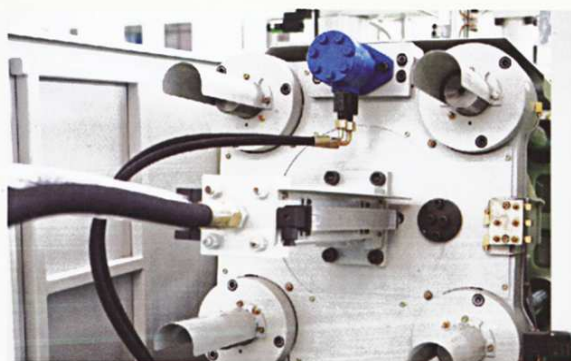
HMSERIES HOT CHAMBER DIE CASTING MACHINE



HM系列热室压铸机，设计先进、技术领先、生产效率高、运行稳定。压射系统采用活塞式储能器，电比例控制系统压力和流量，射料速度高，适合生产各种高品质压铸件。

With advanced design and leading technology, HM Series hot chamber die casting machine has the advantages of high efficiency and stable operation. Piston driven accumulator, system pressure and flow with electric proportional control and high injection speed enable HM Series hot chamber die casting machine suitable for production of all types of high quality castings.

■ 特点介绍 Main Characteristics

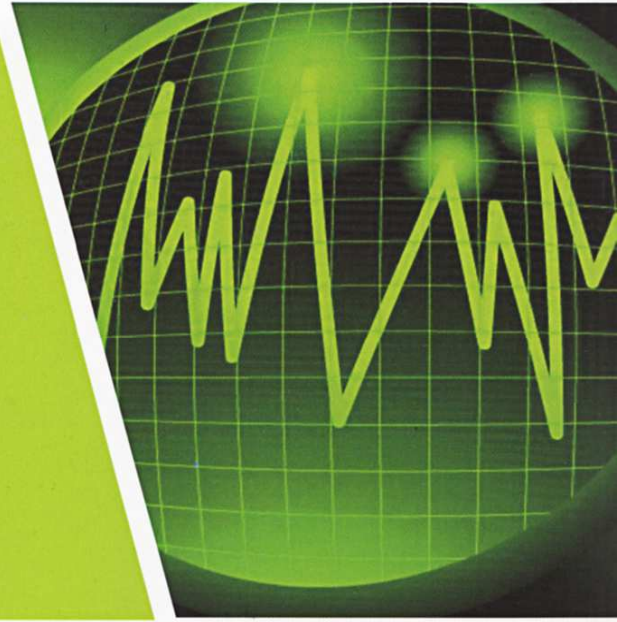


- 液压齿轮式调模、调节迅速、锁模稳定、耐用性强;
- 中央自动润滑系统，定时定量同时具备安全检测功能，保证机铰润滑正常;
- 控制面板操作容易，并有安全连锁保护设计。
- 采用高品质、低噪音、名牌液压泵，既快速又省电;

- Hydraulic gear type mold adjusting mechanism ensures fast adjusting, stable clamping and high durability.
- Central automatic lubrication system with periodical lubrication and safe checking function assures toggle works under perfect lubrication.
- Control panel with easy operation and safe locking protection design.
- High and low pressure dual-pump ensures high speed and energy-saving.

HM系列 热室压铸机

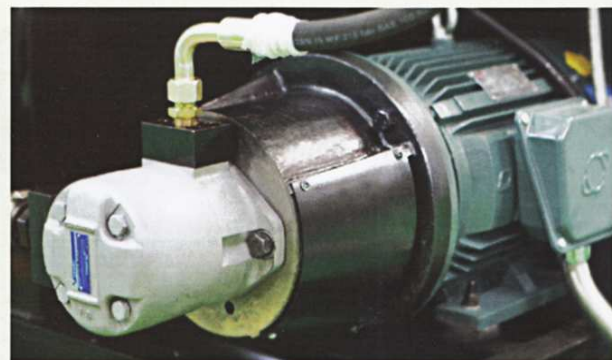
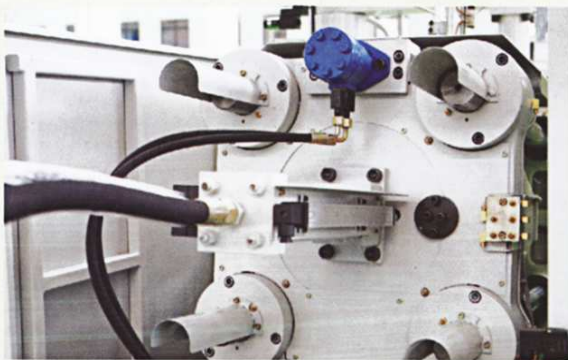
HM SERIES HOT CHAMBER DIE CASTING MACHINE



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- 液压齿轮式调模、调节迅速、锁模稳定、耐用性强;
- 中央自动润滑系统，定时定量同时具备安全检测功能，保证机铰润滑正常;
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锁模行程 Clamping Stroke	mm	100	130	150	180	230	280	300	350	350	400	460	550																		
顶出力 Ejection Force	kN		12	20	30	50	50	70	88	108	108	158	180																		
顶出行程 Ejection Stroke	mm	20-40	40	50	50	60	60	70	85	85	100	100	120																		
模具厚度(最小-最大) Mold Height (Min.-Max.)	mm	100-200	100-250	100-300	100-310	120-340	150-360	150-450	170-450	205-505	250-550	250-650	300-750																		
模版尺寸(水平x垂直) Platen Size (HxV)	mm	300X280	305X305	360X350	407X393	456X456	535x545	610X635	614X636	672X667	740X740	860X860	960X960																		
大缸内距 Space Between Tie Bars	mm	200X175	203X203	226X226	271X271	310X310	357x357	409X409	409X409	459X459	510X510	560X560	620X620																		
大缸直径 Tie Bar Diameter	mm	30	32	40	45	56	63	70	75	80	90	110	130																		
射料位置 Injection position	mm	0	0	-30	0	-30	0	-40	0	-50	0	-60	0,-80	0,-80	0,-80	0,-100	0,-125	0,-125													
射料力 Injection Force	kN	11	17	27	40	65	65	89	108	108	130	158	182																		
射料行程 Injection Stroke	mm	50	80	80	110	130	130	150	150	150	175	200	230																		
离阻行程 Disengage Stroke	mm	105	140	140	150	190	190	200	200	200	200	200	340																		
冲头直径 Injection Plunger Diameter	mm	30	32	30	36	30	36	36	40	45	45	50	55	45	50	55	55	60	60	65	60	65	70	60	65	70	70	80	70	80	90
射料重量 Shot Weight	kg (Zn)	0.17	0.2	0.28	0.4	0.28	0.4	0.55	0.68	0.87	1	1.26	1.53	1	1.26	1.53	1.76	2.1	2.1	2.5	2.1	2.5	2.86	2.5	2.9	3.3	3.8	5	4.4	5.7	7.2
压射比压 Injecting Pressure	MPa	15.5	13.6	24	16.7	38.2	26.5	39.3	31.8	25.1	40.8	33.1	27.3	40.8	33.1	27.3	37.4	31.4	38.2	32.5	38.2	32.5	28	46	39.1	33.7	41	31.4	47.3	36.2	28.6
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电机功率 Motor Capacity	KW	4	4	5.5	7.5	11	11	11	15	15	15	18.5	22																		
熔炉能耗量 Furnace	燃油 Fuel	Kg/H	1.5	3.2	3.2	3.5	4.8	4.8	4.8	4.8	4.8	6.3	6.3	11.2																	
	电炉 Electricity	KW	16	22	22	26	30	30	30	30	30	42	42	70																	
油箱容量 Oil Tank Capacity	L	150	150	160	200	200	250	300	300	300	400	500	800																		
射咀加热功率 Nozzle Heating Power	KW	1.5	1.5	2	2	2	2	2.5	2.5	2.5	4	5	5																		
机器重量 Machine Weight	kg	1520	1650	1795	2600	3500	4000	5550	5800	6150	7900	11000	17800																		
机身外形尺寸 Machine Dimension (LxWxH)	mm (LxWxH)	2450X950 X1790	3105X1080 X1800	3410X1080 X1800	3980X1450 X1840	4350X1620 X2120	4370X1620 X2120	5000X1750 X2280	5200X1630 X2350	5550X1630 X2580	5950X1750 X2600	6500X1850 X2650	7500X2250 X2950																		

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GUANGDONG YIZUMI PRECISION MACHINERY CO., LTD. No. 22, Ke Yuan 3 Road, Hi-tech Industrial Zone, Ronggui, Shunde, Foshan City, Guangdong Province, China.

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PRENSAS HIDRAULICAS

HM系列 热室压铸机 ▶

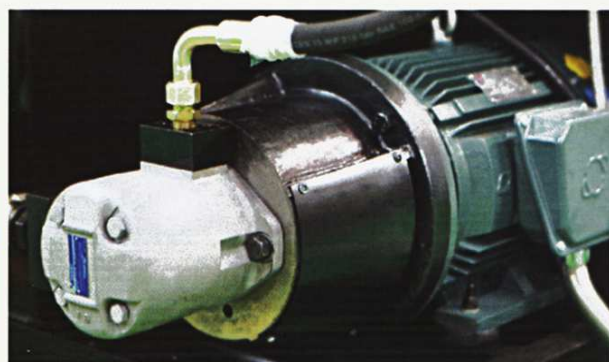
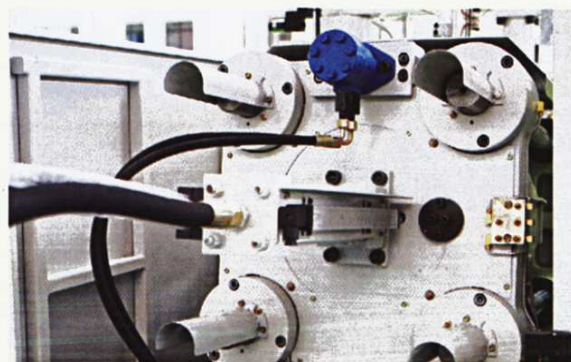
HMSERIES HOT CHAMBER DIE CASTING MACHINE



HM系列热室压铸机，设计先进、技术领先、生产效率高、运行稳定。压射系统采用活塞式储能器，电比例控制系统压力和流量，射料速度高，适合生产各种高品质压铸件。

With advanced design and leading technology, HM Series hot chamber die casting machine has the advantages of high efficiency and stable operation. Piston driven accumulator, system pressure and flow with electric proportional control and high injection speed enable HM Series hot chamber die casting machine suitable for production of all types of high quality castings.

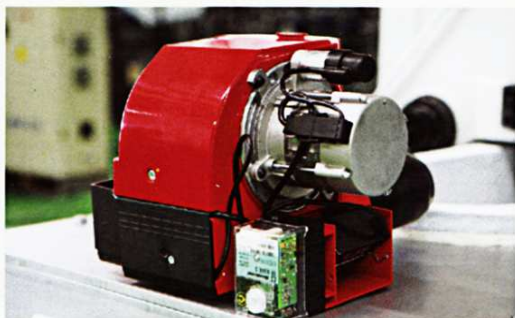
■ 特点介绍 Main Characteristics



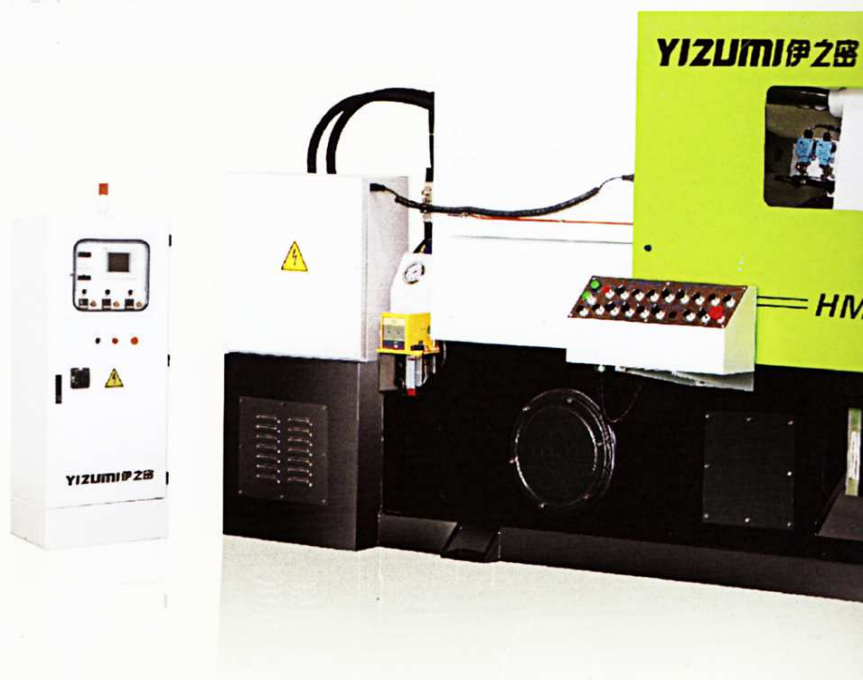
- 液压齿轮式调模、调节迅速、锁模稳定、耐用性强;
- 中央自动润滑系统，定时定量同时具备安全检测功能，保证机铰润滑正常;
- 控制面板操作容易，并有安全连锁保护设计。
- 采用高品质、低噪音、名牌液压泵，既快速又省电;

- Hydraulic gear type mold adjusting mechanism ensures fast adjusting, stable clamping and high durability.
- Central automatic lubrication system with periodical lubrication and safe checking function assures toggle works under perfect lubrication.
- Control panel with easy operation and safe locking protection design.
- High and low pressure dual-pump ensures high speed and energy-saving.

■ 特点介绍 Features



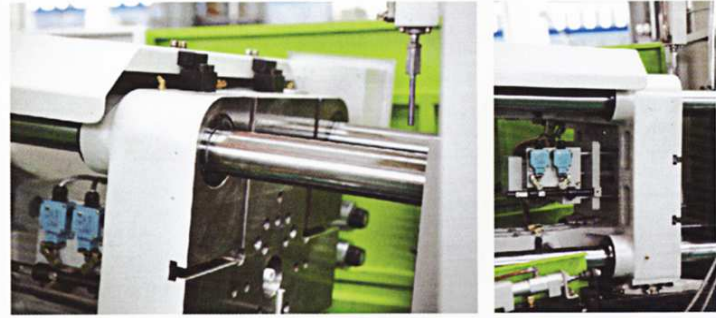
- 自动喷雾器、可靠耐用、使生产更快捷更稳定;
- 瑞典“百通”燃烧机,火力稳定,容易调校,节省能源,控制器采用“HONEY WELL”品牌,适合频繁启动,更为耐用;
- 合模采用进口电子尺控制行程,精度更高;
- Reliable and durable automatic sprayer assures fast and stable production.
- Swedish BENTONE burner with advantages of stable flame, easy adjustment and energy-saving; Durable HONEY WELL controller is suitable for frequent start-up;
- Imported transducer for clamping and opening stroke controlling assures high precision.



- (1) 报警提示信息,方便及时;
- (2) 压射动作、开锁模、润滑系统设定等均可在屏幕上设定,快速精确;
- (3) 西门子PLC控制系统、高档人机界面配置,方便灵活;
- 五孔斜排式机铰结构设计,采用高强度球墨铸件,坚固耐用,尾板整体铸出,刚性好、合模动作更平稳;
- (1) Alarm information display;
- (2) Flexible data setting;
- (3) Siemens PLC control system.
- Diagonal five-point toggle was made of ductile cast iron with high rigidity and high durability; Integrated tail platen with high rigidity assures stable mold opening and closing.

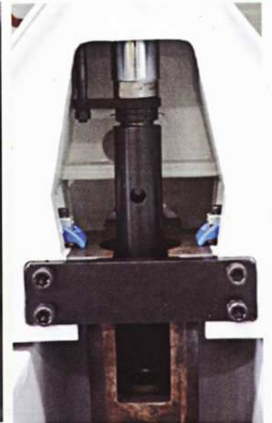
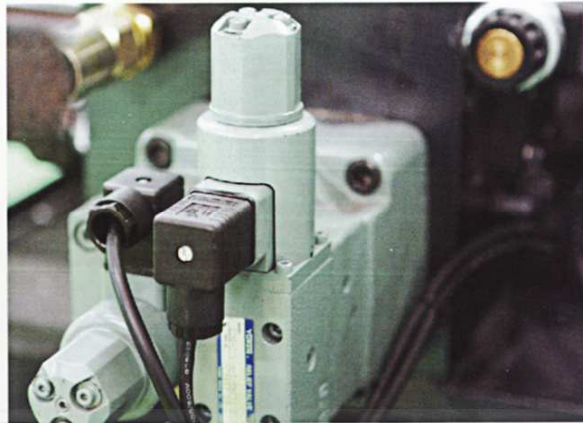
特点介绍 Features

- 导柱采用高强度合金钢制造,表面镀铬,更为耐磨,寿命更长;
- 加厚的模板结构设计,采用优质球墨铸铁,强度更高,应力均匀、变形更小,保证了压铸件的稳定性;
- High-strength steel alloy tie bar with chromium plated for high wear resistancy and long service life.
- Thickened platen was made of excellent ductile cast iron with high rigidity, even stress and little distortion, which ensures the stability of die casting machine.



- 二速射料控制、适合生产高品质压铸件;
- 电比例控制系统的压力和流量,压射速度达到5m/s以上,参数可在屏幕设定;
- 射料系统热作件采用进口优质热作钢,寿命更长,先进的射咀/鹅颈电加热控制系统,具有高低温报警功能,稳定性好。

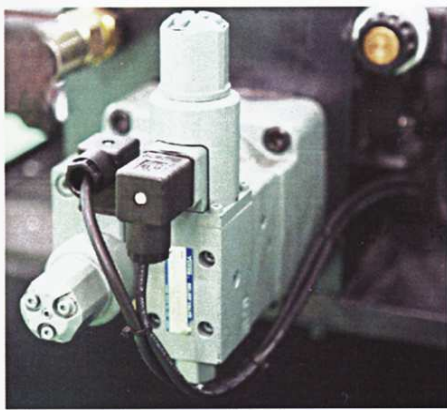
- Two stage injection control, suitable for producing high quality castings.
- Electric proportional control system pressure and flow; Injection speed can reach over 5m/s; Parameters can be set on the screen.
- Hot set parts of injection system adopt imported high quality hot set steel, which has a longer service life. Advanced nozzle/ gooseneck electric heating control system with high and low temperature alarm function and excellent stability.



■ HM系列标准配置表 Standard Features

项目	ITEM	HM8	HM12	HN18	HM30	HM50	HM90	HM100	HM130	HM160	HM200	HM400
头板冷却水	Cooling water on foxed platen	—	—	—	●	●	●	●	●	●	●	●
自动喷雾1组	Auto spray 1 set	●	●	●	●	●	●	●	●	●	●	●
机械手	Robot	●	●	●	●	●	●	○	○	○	○	○
抽芯1组	Core 1 set	○	○	○	○	○	●	●	●	●	●	●
额外抽芯装置	Extra core pulling device	○	○	○	○	○	○	○	○	○	○	○
“0”位压射位置	Home Injection position	●	●	●	●	●	●	●	●	●	●	●
额外压射位	Extra injection position	■	○	○	○	○	○	-80	-80	-80	-100	-100
油压升降台	Hydraulic lifter	—	—	—	○	○	○	●	●	●	●	●
安全门 (前、后门手动)	Manual safety door	●	●	●	●	●	—	—	—	—	—	—
安全门 (前门气动, 后门手动)	Pneumatic safety door (front)	○	○	○	○	○	●	●	●	●	●	●
抽芯吉制及连线2组	Core limit switch 2 sets	—	—	—	—	—	○	○	○	○	●	●

“●”表示标准配置；“○”表示选配项目；“—”表示无。



■ 备选配置 Configuration Options

- 电加热熔炉 Electric melting furnace
- 压射位置采用非接触式脉冲检测 Injection position adopts non-contact pulse detector
- 刹车功能 Brake function
- 锁模力显示 Clamping force display
- 特殊射料位置 Special injection position
- 液压升降装置 Hydraulic lifting device
- 自动换模装置 Automatic die change device
- 气(电)动安全门 Pneumatic (electrical) safety door
- 射料曲线显示监控 Shot curve display and monitor