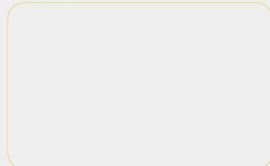


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海田销售分公司:



因产品不断研究改良,本公司保留设计参数及配置变更权,恕不另行通知。所有解释均以中文解释为准。
For constant improvement upon research,our company reserves the right to change the design parameters and configurations, no notice will be given for any change. The chinese version shall prevail in all interpretations.



塑料机械专业制造商
ISO9001:2000 CE

宁波海田塑料机械制造有限公司
NINGBO HYSTAN PLASTIC MACHINERY MANUFACTURING CO.,LTD



企业简介 Company Profile

宁波海田塑料机械有限公司地处美丽的东海之滨,公司距机场、高铁 15 分钟车程,交通十分便捷。公司是一家专业生产塑胶成型机的高新技术企业。十几年的历程,扩建新厂房 10000 余平方。率先通过 ISO9001:2000 品质管理体系认证以及 CE 产品认证,公司自行研发制造的科必达 KBD 系列注塑机,具有外型优美、锁模力强、精度高、低噪音、节能、低耗之特征。KBD 系列节能伺服注塑机、PET 瓶胚专用机、高速射出成型机、高速机、胶木机、树脂专用机等几十种规格系列产品在全国拥有几十家营销网点和售后服务部,产品远销俄罗斯、东南亚、中东、南美、欧洲等国家和地区,建立起面向国际市场的营销体系。

追求一流的高品质产品是公司执着追求的目标,尽力满足国内外客户的需求,以精益求精、开拓进取的主人翁精神,缔造辉煌美好的未来。

Ningbo Hytan Plastic Machinery Manufacturing Co.,Ltd. located in beautiful coast of eastern sea, with 15 minutes to the international airport or high-speed rail station very convenient to transportation is a professional high-new technology enterprise, professionally manufacturing plastic injection molding machine. With dozens of years' experience, have expanded new factory of 10,000 square. Having led through the ISO9001:2000 international quality management system certification and CE product certification, our company has independently developed and made the KBD series plastic injection molding machine, having the characteristics and advantages with beautiful appearance, strong clamping force, high precision, low noise, energy saving and low consumption. KBD series energy-saving servo injection molding machine, PET preform special machine, high speed injection processing machine, high-speed machine, Bakelite machine, Resin special machine etc. dozens of series and kinds products has dozens of distribution networks and exclusive agents networks and after-sales service units in China. Products are far exported to Russia, Southeast Asia, The Middle East, South America, Europe and other Countries and Regions, having established sale network towards international market.

The pursuit of First-Class Quality Products is our company's persistent objective, doing our best to satisfy requirements of clients in domestic market and international market, with constantly perfecting and pioneering sense of ownership, to create splendid and great future.

企业精神 / 经营理念

SPRIT OF ENTERPRISE / BUSINESS PHILOSOPHY

第一：真诚待人，以诚相待，诚信为本，信义为重，信义为先，信义为魂。

Approachable—that is people-oriented, mutual caring, helping each other, sincere and united, in order to form the company's strong easy charm and cohesion.

第二：信义为先，信义为重，信义为本，信义为魂，信义为先，信义为重，信义为本，信义为魂。

Honesty—that is straightforward, mutually frank and open mind, credit supreme, honest to business, honest to job to maintain the company's reputation and figure.

第三：胸怀宽广，包容万物，包容万物，包容万物，包容万物，包容万物，包容万物，包容万物。

Positive—that is broad-minded, full understanding and communication, thinking on the concept of seeking common ground while reserving differences, respect for individuality, play a personal creativity activating of the whole company's development motive force.

第四：以人为本，以人为本，以人为本，以人为本，以人为本，以人为本，以人为本，以人为本。

Benefits—that is quality and efficiency the best balance of interests among companies, customers, employees, partners, and society.



客户为本——该谓企业发展必须以客户为本，体现企业客户至上的市场与服务原则。

Customer-oriented—emphasizing the development of enterprises must be customer-oriented, reflecting the enterprise's customer supreme market and service principles.

科技为用——作为高新技术企业，在强调科技创新对科技发展的意义时，更注重科技为人服务的意义，体现企业的科技人文精神。

Technology for the use—as a high-tech enterprise, while in emphasizing the significance of scientific and technological innovation on the development of science and technology, pay more attention to the significance of science and technology to serve the people reflecting the enterprise's humanistic spirit of science and technology.

力致和谐——和谐指的是一种人、自然、社会高度协调发展的理想状态。此处强调和谐，一方面是指处理好企业与客户的关系，实现企业自身的经济效益最大化；另一方面力求企业与社会、人与自然的和谐统一，促进现代文明和社会可持续发展。

Devote to harmony—harmony is a kind of ideal state of harmonious development between people, nature and society. It emphasizes harmony. On the one hand, it means dealing with the relationship between enterprises and users and maximizing the economic efficiency of enterprises themselves. On the other hand, it seeks to whole harmony of business and society, man and nature, and promote the sustainable development of modern civilization and social development.

专心专注
共创新未来

Concentrate
Create a better future



ISO9001:2000 CE

03 HYSTAN®

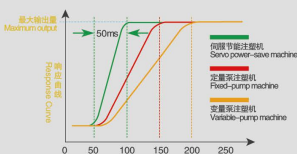


伺服电脑的高响应特性

Quick response of servo motor

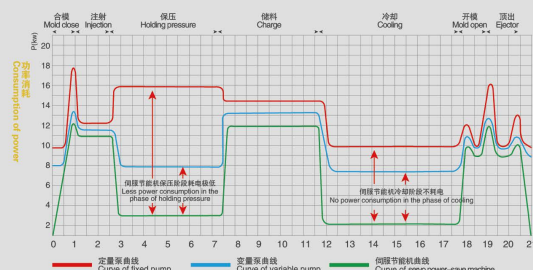
伺服节能注塑机达到最大输出仅需 0.05s，相比传统液压注塑机响应速度明显加快，有效缩短循环周期，提高生产效率。

It costs only 0.05s for servo energy saving injection molding machines to achieve the maximum output, in comparison with conventional hydraulic injection molding machines, their response speed have been obviously quickened and cycle time effectively shortened, improving production efficiency.



伺服节能注塑机极限的节能特性

Ultimate energy efficiency of servo power-save injection molding machines



机器特点 Machines Feature

超效节能
同等工作状态下，相比传统注塑机节能率可达 20%~80%。

最佳成型稳定性
伺服电机闭环精密控制，相比传统注塑机成型重复精度大大提高。

高响应特征
灵敏的伺服电机，快速启动时间仅需 0.05s。

超性能环保
整机运行低噪音，低速运行更宁静。

超可靠保压性能
保压时间调整范围大，性能更稳定。

超稳定油温
伺服电机比例输出液压油，避免多余热量产生，温升低，液压油甚至不需冷却，实现大幅节水。

KBD 系列塑机优秀性能的继承
出色的机器稳定性、良好的安全可靠性、超强的机械部件、功能完善的人性化操作系统、超长的机器寿命。

High energy saving
In an ideal working state, compared with conventional injection molding machines, their energy saving can reach 20%~80%.

Better molding stability
Compared with conventional injection molding machines, repeatability is greatly improved due to servo motor close-loop control.

Quick response
Sensitive servo motor, the response time only 0.05 second.

Quiet & low noise
The machine runs with low noise, and will be much quieter in a low speed.

Reliable holding pressure
Comparing with all electric injection molding machine, the time for pressure holding will be much longer and steady.

Oil temperature rise slowly
Servo motor proportionally deliver hydraulic oil base on its needs, it's can prevent unnecessary heat being generated, even in some cases does not require cooling.

KBD excellent characteristics inheritance
Outstanding machine stability, being safety and dependability, strong mechanical parts, complete functional human-oriented operation system and long service life.

Model KBD3880 / KBD1380 SERVO ENERGY-SAVING PLASTIC INJECTION MACHINES 伺服节能注塑机



KBD3880



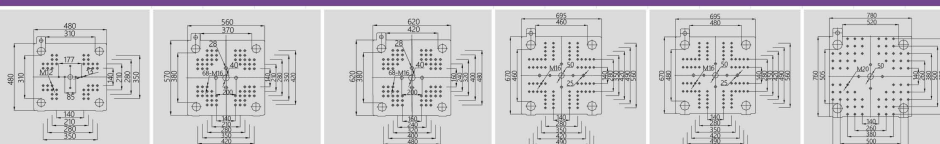
KBD1380

05 HYSTAN®

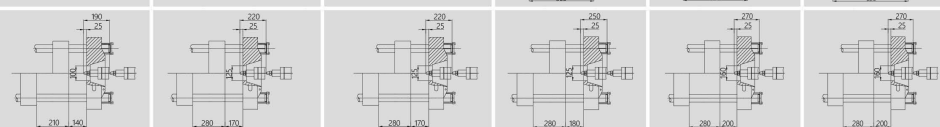
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规格 SPECIFICATION		KBD800			KBD1180			KBD1380			KBD1680			KBD1980			KBD2380		
项目 ITEM		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
注射装置 INJECTION UNIT																			
螺杆直径 SCREW DIAMETER	mm	30	34	38	34	38	42	40	42	45	42	45	48	45	50	55	50	55	60
理论注射容量 SHOT VOLUME(THEORETICAL)	cm³	91	117	147	145	181	221	232	256	294	346	397	452	365	451	546	451	546	649
注射重量 INJECTION WEIGHT(PS)	g	80	100	125	125	160	195	197	220	249	318	365	415	335	414	502	414	502	597
注射压力 INJECTION PRESSURE	Mpa	231	179	144	219	186	152	168	152	132	203	176	155	186	186	154	186	154	124
螺杆转速 SCREW SPEED	rpm	0-220			0-220			0-220			0-180			0-180			0-180		
合模装置 CLAMPING UNIT																			
合模力 CLAMPING FORCE	KN	800			1180			1380			1680			1980			2380		
移模行程 TOGGLE STROKE	mm	270			320			360			420			440			460		
拉杆内间距 SPACE BETWEEN TIE BARS	mm	310x310			370x370			420x380			460x460			480x480			520x520		
最大模厚 MAX.MOLD HEIGHT	mm	380			420			450			460			480			530		
最小模厚 MIN.MOLD HEIGHT	mm	150			170			170			180			200			200		
顶出行程 EJECTOR STROKE	mm	80			100			120			120			135			135		
顶出力 EJECTOR TONNAGE	KN	27			37			45			53			53			53		
其它 OTHERS																			
油泵功率 PUMP MOTER POWER	Kw	9			11			13			18			18			22		
电热功率 HEATING POWER	Kw	6.3			6.8			7.5			8.5			11			11		
外形尺寸 MACHINE DIMENSION(LxWxH)	m	3.7x1.15x1.7			4.2x1.3x1.7			4.3x1.3x1.7			5.03x1.3x1.9			5.5x1.5x2.1			5.8x1.5x2.1		
机器重量 MACHINE WEIGHT	T	2.5			3			3.5			5			5.8			6.5		

模板正面尺寸
Platen dimensions(Facing)



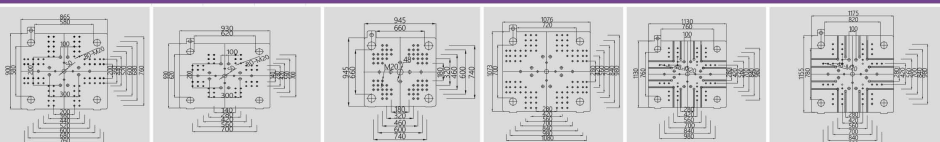
模板侧面尺寸
Platen dimensions(Aside)



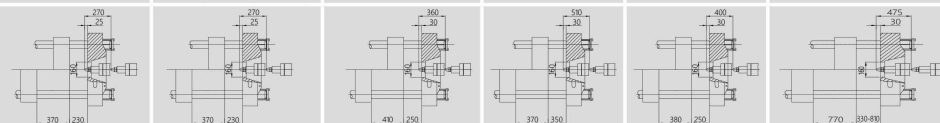
and configurations.No notice will be given for any change.The Chinese version shall prevail in all interpretations.

规格 SPECIFICATION		KBD2680			KBD2980			KBD3280			KBD3880			KBD4280			KBD5280				
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D	
注射装置 INJECTION UNIT																					
螺杆直径	SCREW DIAMETER	mm	55	60	65	60	65	70	60	65	70	65	70	75	70	75	80	75	80	85	90
理论注射容量	SHOT VOLUME(THEORETICAL)	cm³	617	734	862	791	928	1077	989	1160	1340	1193	1393	1599	1501	1723	1960	23	21	20	19
注射重量	INJECTION WEIGHT(PS)	g	567	680	793	711	835	969	900	1000	1225	1098	1250	1455	1366	1568	1784	1572	1788	2019	2264
注射压力	INJECTION PRESSURE	Mpa	200	168	143	168	143	123	225	195	165	210	170	130	199	173	152	191	168	148	132
螺杆转速	SCREW SPEED	rpm	0-165			0-165			0-160			0-150			0-130			0-110			
合模装置 CLAMPING UNIT																					
合模力	CLAMPING FORCE	KN	2680			2980			3280			3880			4280			5280			
移模行程	TOGGLE STROKE	mm	550			590			660			700			740			770			
拉杆内间距	SPACE BETWEEN TIE BARS	mm	580x580			620x620			660x660			720x700			760x760			820x780			
最大模厚	MAX.MOLD HEIGHT	mm	550			630			660			720			780			810			
最小模厚	MIN.MOLD HEIGHT	mm	230			230			250			250			250			330			
顶出行程	EJECTOR STROKE	mm	135			135			165			165			180			200			
顶出力	EJECTOR TONNAGE	KN	70			70			90			110			110			150			
其它 OTHERS																					
油泵功率	PUMP MOTER POWER	Kw	22			30			37			37			45			55			
电热功率	HEATING POWER	Kw	18.5			19			19.3			22			22			29			
外形尺寸	MACHINE DIMENSION(LxWxH)	m	6.0x1.6x2.25			6.3x1.66x2.37			6.65x2.0x2.45			7.5x1.95x2.4			8x2.1x2.6			8.5x2.2x2.8			
机器重量	MACHINE WEIGHT	T	8.5			9			11			18			18			26			

模板正面尺寸
Platen dimensions(Facing)

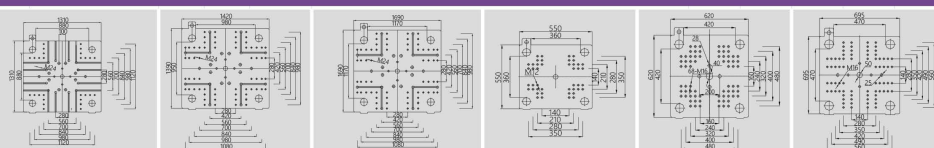


模板侧面尺寸
Platen dimensions(Aside)

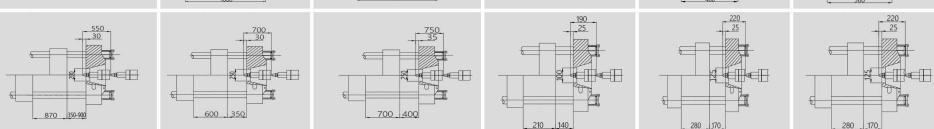


规格 SPECIFICATION		KBD6280				KBD7380				KBD11800				KBD1000				KBD1400				KBD1780				
		A	B	C	D	A	B	C		A	B	C	A	B	C	A	B	C	A	B	C					
注射装置 INJECTION UNIT																										
螺杆直径	SCREW DIAMETER	mm	90	95	100	105	90	95	105		100	110	120	32	35	38	38	42	45	45	48	50				
理论注射容量	SHOT VOLUME(THEORETICAL)	cm³	23	21	20	19	3987	4400	4825		4660	5640	6823	146	164	190	190	235	270	373	425	461				
注射重量	INJECTION WEIGHT(PS)	g	2489	2774	3073	3388	3589	3960	4342		4288	5189	6278	125	155	168	176	216	248	343	391	424				
注射压力	INJECTION PRESSURE	Mpa	184	165	149	135	161	146	121		206	170	143	203	169	144	175	152	132	176	155	137				
螺杆转速	SCREW SPEED	rpm	0-110				0-110				0-100				0-220				0-220				0-220			
合模装置 CLAMPING UNIT																										
合模力	CLAMPING FORCE	KN	6280				7380				11800				1000				1400				1780			
移模行程	TOGGLE STROKE	mm	870				950				1250				320				370				430			
拉杆内间距	SPACE BETWEEN TIE BARS	mm	880x880				980x950				1170x1170				360x360				420x420				470x470			
最大模厚	MAX.MOLD HEIGHT	mm	900				950				1250				380				430				480			
最小模厚	MIN.MOLD HEIGHT	mm	350				400				500				150				170				180			
顶出行程	EJECTOR STROKE	mm	250				260				325				80				120				130			
顶出力	EJECTOR TONNAGE	KN	150				210				245				31				45				45			
其它 OTHERS																										
油泵功率	PUMP MOTOR POWER	Kw	30+37				37+37				45+45				9				13				18			
电热功率	HEATING POWER	Kw	49				59				63.9				6.3				7.5				8.5			
外形尺寸	MACHINE DIMENSION(LxWxH)	m	10.0x2.2x2.7				10.5x2.3x2.5				11.5x2.6x2.85				4.0x1.3x1.7				4.6x1.3x1.8				5.15x1.3x1.94			
机器重量	MACHINE WEIGHT	T	32				40				55				2.7				3.8				3.8			

模板正面尺寸
Platen dimensions(Facing)



模板侧面尺寸
Platen dimensions(Aside)



STANDARD AND OPTIONAL 标配及选配



选配装置 / OPTIONAL ACCESS

1. 相近排模单元和注射单元互换
2. DFEZ 电子闭环泵控系统
3. 特殊胎材料专用螺杆
4. 同步顶出装置
5. 弹簧喷嘴、加长喷嘴、液压喷嘴
6. 螺柱测温装置
7. 多回路液压系统
8. 蓄能器辅助快速注射装置
9. 抽芯装置
10. 吹套装置
11. 模温隔热板
12. 透明管冷却流量计
13. 自动安全门控制装置
14. 下料口冷却温控系统
15. 油温预热功能
16. 油温恒流控制系统
17. 料斗破力筒
18. 模具光电检测
19. 比例背压装置
20. 英特尔远程监控系统
21. 液位安全制
22. SPC 电子分选装置

1. Exchangeable of close clamping unit and injection unit
2. DFEZ electronic closed loop pump control system
3. Dedicated screw for special raw material
4. Synchronous ejection unit
5. Spring nozzle, lengthened nozzle and hydraulic nozzle
6. Screw speed measuring unit
7. Multi-circuit hydraulic system
8. Accumulator aided injection unit
9. Core pulling unit
10. Air blowing unit
11. Template heat insulation board
12. Transparent tube cooling flowmeter
13. Control unit of automatic safety gate
14. Blanking exit cooling and temperature control system
15. Oil temperature preheating function
16. Constant temperature control system of oil temperature
17. Magnetite stand of blanking bucket
18. Photoelectric detection of mold
19. proportionate back pressure unit
20. Internet remote monitoring system
21. Hydraulic safety lock
22. SPC electronic sorting unit

辅机 / AUXILIARY MACHINERY

1. 各类模具
2. 气体辅助注射装置
3. 机械手及输送带
4. 除湿干燥箱
5. 模温控制箱
6. 干燥料斗及真空输送
7. 冷水塔
8. 粉碎机
9. 混料机
1. All kinds of mold
2. Gas aided injection unit
3. Mechanical arm and conveying belt
4. Dehumidification dryer
5. Mold temperature controller
6. Drying blanking bucket and vacuum material delivery
7. Cooling tower
8. Grinder
9. Mixer

随机附件 / ACCESSORIES

1. 可调节震脚
2. 常用工具
3. 机器说明书
4. 工具箱
1. Adjustable shockproof foot pad
2. Common tools
3. Instruction manual of machine
4. Tool kit

锁模部分 / CLAMPING PART

1. 五点斜线双曲轴合模机构
2. 开合模电子尺控制
3. 机械安全机构
4. 多级开合模压力速度位置控制

1. Five diagonal hinges twin toggle clamping mechanism
2. Electronic ruler control of opening and clamping
3. Mechanical safety mechanism
4. speed and location control of multistage opening and clamping

注射部分 / INJECTION UNIT

1. 双缸平衡注射系统
2. 抗疲劳、耐腐蚀螺杆料筒
3. 注射、保压、储料之速度、压力、时间多级控制
4. 位置或时间注射特保压力控制
5. 注射位置残料检测
6. 注射位置电子尺控制
7. 防止螺杆冷启动功能
8. 低速大扭矩液压马达预驱
9. 料筒温度闭环控制
10. 料斗

1. Double cylinder paralleled injection system
2. Anti-fatigue and corrosion resistant screw charging barrel
3. Multi-stage control of speed, pressure and time of injection, pressure maintaining and storing
4. Position or time of injection burning pressure maintaining control
5. Detection of residual material at the injection position
6. Electronic ruler control of injection position
7. Function of preventing cold start of screw
8. Low speed large torque hydraulic motor preplasticizing
9. Closed loop control of charging barrel temperature
10. Blanking bucket

液压部分 / HYDRAULIC PART

1. 自封式磁性吸油过滤系统
2. 油温检测及报警功能

1. Self-sealing magnetic oil absorption and filtering system
2. Oil temperature detection and alarming function

电气部分 / ELECTRIC PART

1. 大屏彩色 LCE 显示屏
2. 100 组内存模具记忆功能
3. 温度偏差显示、热电阻回路报警功能
4. 实时检测各运行状况
5. 系统硬件 I/O 检测功能
6. 预留打印机、数据接口
7. 电机安全保护功能
8. 紧急停止保护装置
9. 多段顶出模式
10. 自动调模功能
11. 低压模保功能
12. T-测槽
13. 自动集中润滑系统
14. 模具冷却水分分离器

1. Large screen color LCD display
2. Mold memory function of 100 sets of computer memory
3. Temperature deviation display and thermocouple circuit breaking and alarming function
4. Real time monitoring running status of all actions
5. System hardware I/O detection function
6. Allow ports of printer and floppy drive
7. Safety protection function of motor
8. Emergency stop protection unit
9. Multi-stage ejection mode
10. Automatic mold adjustment function
11. Low pressure mold adjustment function
12. T-slot
13. Automatic central lubrication system
14. Mold cooling water splitter