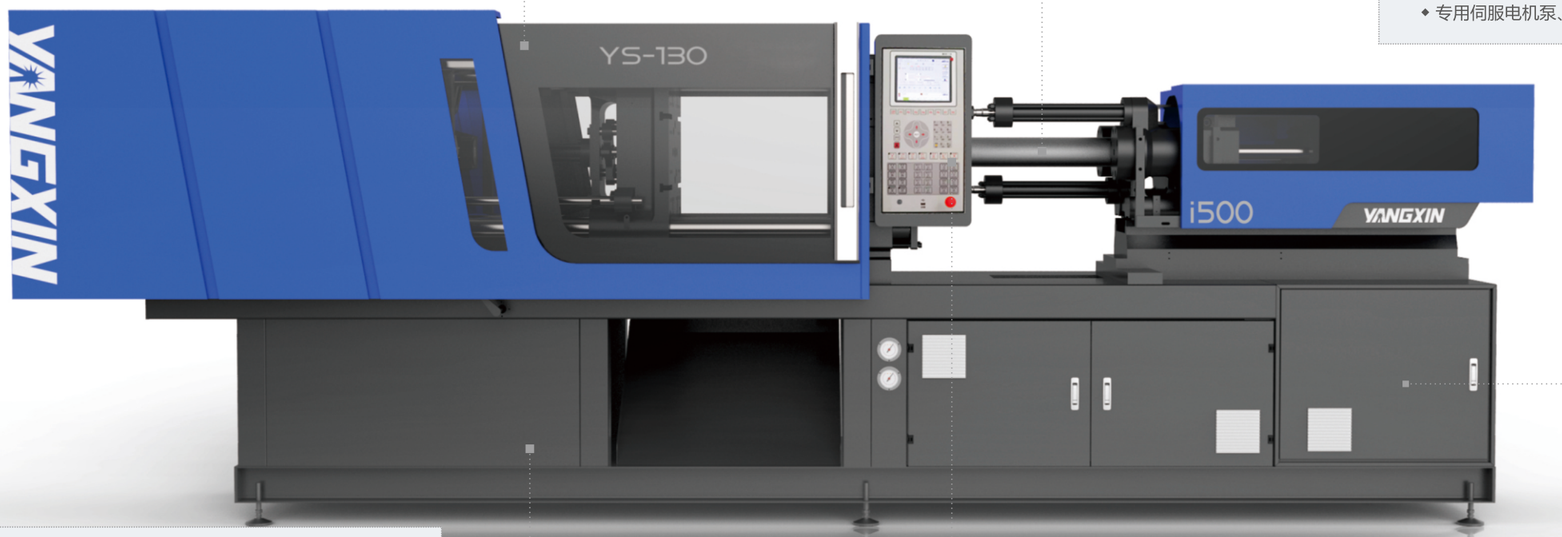
精准的锁模系统，杰出的能效，高效的伺服驱动，都能满足所有需求。以客户产品为中心，为客户提供整套技术解决方案，并为全球客户创造更佳的投资回报和客户体验。
Precise clamping system, outstanding efficiency, efficient servo drive, all meet all requirements. Focus on customer products, provide a complete set of technical solutions for customers, and create better investment returns and customer experience for global customers.

锁模部分 clamping unit
- 高压集中润滑装置 High pressure centralized lubrication device
- 锁模行程电子尺控制 Clamping stroke controlled by linear transducer
- 安全保护装置 echanical/Electrical/Hydralic safety device
- 抽芯动作方式选择 Core pulling operating mode selection
- 顶针功能方式选择 Ejector function mode selection
- 特快锁模功能 High speed clamping function
- 自动调模功能 Automatic mold thickness adjustment function

注塑部分 Injection unit
- 标准氮化螺杆 Standard nitrided screw
- 注射行程电子尺控制 Injection stroke controlled by linear transducer
- 移动式料斗 Movable hopper
- 料筒保护罩 Barrel protective cover
- 射胶/保压/熔胶设定 Injection/holding /plasticizing setting
- 螺杆防冷起动 Screw cold start-up prevents
- 电热和保温开关切换 heating / holding temperature switch over
- 防流延功能 drooling prevention
- 自动清料Material Automatic purging
- 射胶故障自动检测 Automatic detection of injection fault

液压部分 Hydraulic unit
- 闭环伺服压力、流量控制 Pressure/flow rate closed loop control
- 可调式控制背压 Adjustable back- pressure control
- 专用伺服电机泵、驱动控制器 Servo motor pump and driver controller

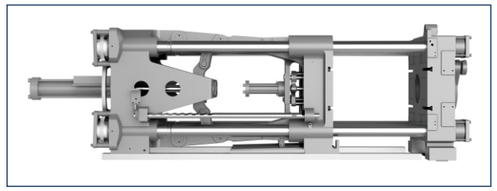


备选配置 Optional items
- 加长射嘴 Extended nozzle
- 弹弓射嘴 Spring shut-off nozzle
- 油压射嘴 Hydraulic shut-off nozzle
- 混炼头加强混色效果 Static mixer for color mixing
- 双金属螺杆 Bi-metallic screw
- 闭环射胶 Close loop injection
- 储能射胶 Accumulator for high speed injection
- 比例背压 Proportional back pressure
- 电磁感应加热圈 Induction heater
- 油温控制 Oil temperature control

备选配置 Optional items
- 回油过滤系统 Return line filtration system
- 电动安全门 Automatic safety door
- 机械手接口 Robot interface
- 自动上料器 Auto loader
- 干燥料斗 Hopper Dryer
- 气体辅助注射装置 Gas assisted injection device
- 10 "彩色液晶显示 10 "color LCD display
- 抽插芯装置 core-pulling devices
- 铰牙装置 Unscrewing device
- 吹风装置 Air blast device
- 增加容模量 Increase mold height capacity

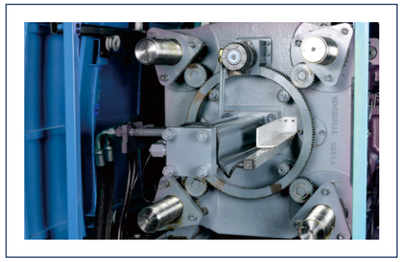
电控部分 Electric control
- 彩色液晶显示 Color LCD
- 多种语言显示 Multilingual display
- 电脑温控（带PID控制） Computer temperature control (with PID control)
- 固态继电器控制电热 Heating control by solid state relay
- 数据锁定功能 Data locking function
- 最高速度限制功能 Maximum speed limit function
- 异常原因显示功能 Fault display function
- 生产周期计数 Production cycle counter

锁模单元
MOLD CLAMPING UNIT



- 锁模四段控制、顶出二段控制，开锁模顶出均采用线性电子尺传感器，精密度达0.01mm；
- 可以准确控制锁模和顶出，可以选择震动顶出，停顿多次顶出或搭配电眼检出，机铰润滑采用电脑控制自动润滑；
- 可由电脑设定和监控并具备有警报功能保护机械正常运行。

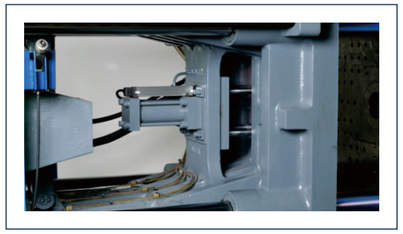
Mold opening & closing with 4 stages control, ejecting with 2 stages control. Clamping and ejection are by liner tranducer. Its precision can reach 0.01mm, and control the clam-ping and ejection stroke route accurately. Ejector have function of vibration ejection,ejection atop,multiple ejection pressure and speed of ejection can piecewise set by computer Equipped with high precision low pressure mold closing protection it can be set directly by monitor, low pressure result is perfect. Toggle is used by auto lubrication system, lubrication setting can be operated monitored on the panel directly. And it owns itself lubrication failure alarm function to ensure the machine operating normally.



高精密

同步液压精密调模机构液压马达驱动，中心定位齿轮调模，使调模运行为更顺畅快捷。

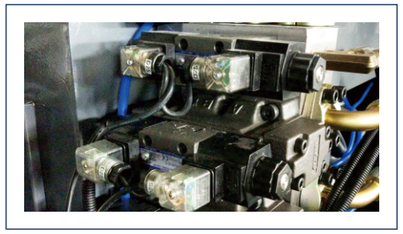
A hydraulic motor drives a planetary gear to ensure perfect and rigid mold height adjustment.



高刚性

高刚性正四方箱型模板保证模具受力均匀，注塑无毛边延长模具寿命。

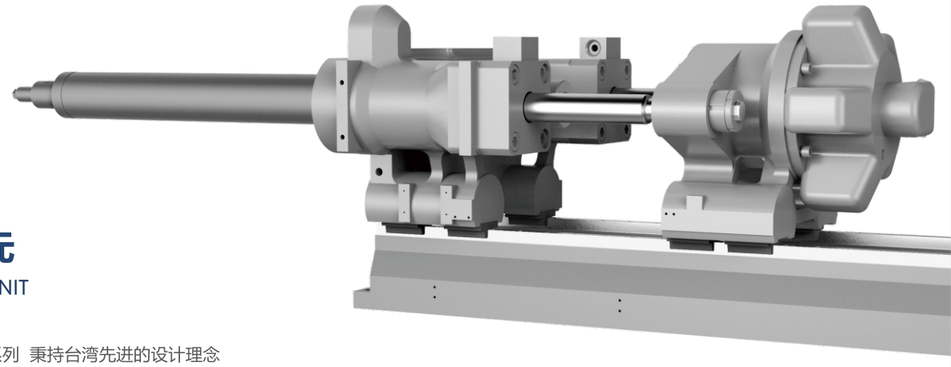
The optimized design on rigidity mold platen improve the precision of the product



高响应

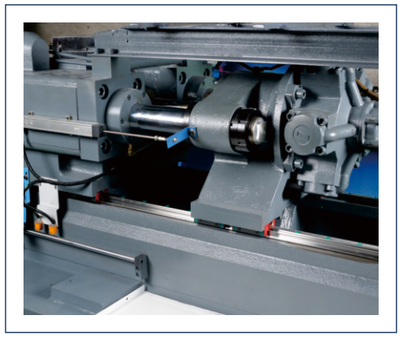
节能高响应油路设计，速度灵敏，节能率20%~50%消耗电费大幅递减。

Increase the speed and saves power from 20%~50% depending upon the molding.



注塑单元
INJECTION UNIT

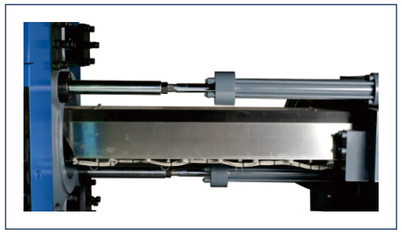
阳鑫天王星YS系列 秉持台湾先进的设计理念
突破传统射出机的技术瓶颈，有效提升了成型精度，延长机器使用寿命大幅度降低了消耗！
专业化和射出解决方案，针对各种原料和工艺提供齐全的专业螺杆料筒组合，并可提供多种材质供客户选择，提升用户产品品质。
Improved the precision of the machine and prolong the service life of the machine greatly reduced the consumption!
In view of different material and applications we supply variety of screw and barrel for customer choice.



高精度

射座和射胶全部采用线性导轨，高精度低摩擦系数，运行更平稳，调整灵敏。更有利于低粘度及高温材料的注塑成型，射移支架整体铸造，整体射台的钢性增强。

Injection unit adopts linear guide rail built-in carriage cylinder, and integral casting support,thus enhence its rigidity,and make the compact structure.



高稳定

采用双射移结构，前拉式射台油缸，平行牵引，保持喷嘴与模具接触不偏移密封佳，不易漏胶。

Double-carriage cylinder is adopted to ensure stable injection

电脑控制系统 CONTROL SYSTEM:



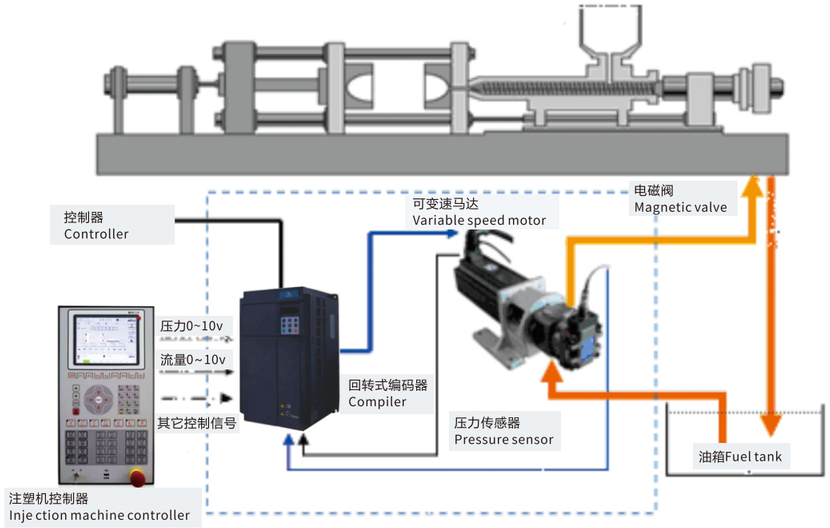
MH9118控制系统，双CPU独立处理器控制，运行速度高效稳定；
Mh9118 control system, dual CPU independent processor controller with high efficiency and stable running speed.

互联互通功能，可以与OPCUA、MES等管理软件系统进行数据连接，实现智能生产；
Machine can connect data with OPCUA、MES etc. management software systems to realize intelligent production

丰富的SPC品质统计管理，有效提升用户生产效益。
Abundant SPC quality statistics management, effectively improve user productivity

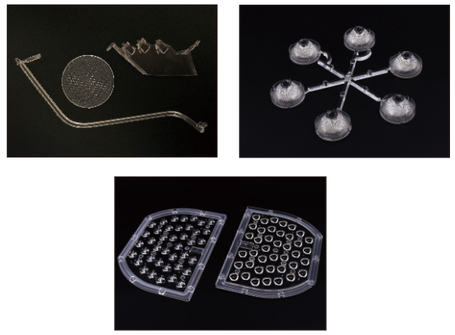
伺服液压驱动技术
Servo hydraulic driving technology

伺服动力系统构成图
Spsystem consist of variable pump & variable speed motor flow(speed) control/pressure control



YS系列标准注塑机应用行业产品
YS series standard injection molding machine &Product application

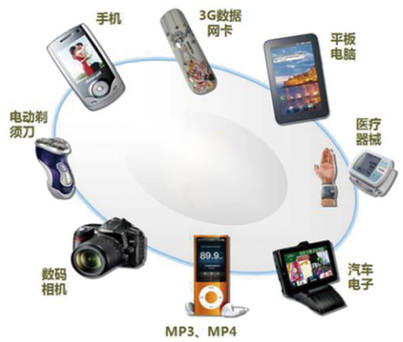
汽配行业
Auto parts industry



白色家电行业
Household electrical appliances



3C电子行业
3C industry



塑料包装行业
Plastic packaging industry

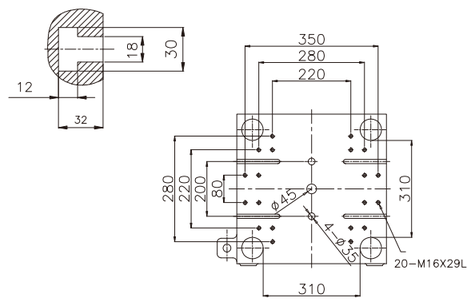


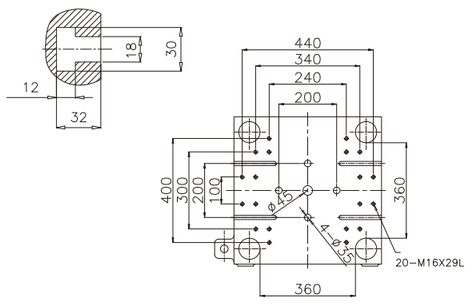
技术参数 TECHNICAL PARAMETERS

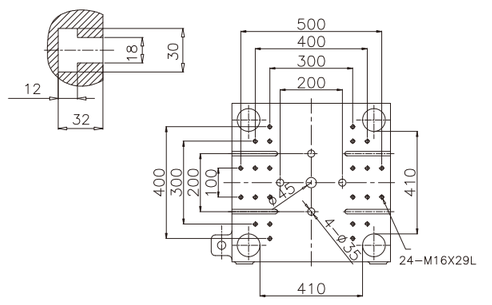
The shot weight is based on polystyrene at specific gravity of 1.05,
Due to continual improvements,we reserve the right to amend any of the above specifications without prior notice.

项目		单位	YS-60			YS-100			YS-130		
注射单元	注射单元 INJECTION UNIT		150			250			500		
	螺杆直径 Screw diameter	mm	Φ24	Φ26	Φ30	Φ30	Φ35	Φ40	Φ35	Φ40	Φ45
	螺杆长径比 Screw L/D ratio	L/D	20	19	18	26	22	20	25	22	20
	理论注射容积 Theoretical injection volume	cm^3/sec	55	65	86	106	144	188	173	226	286
	注射重量 Injection weight (ps)	g	49	58	77	95	129	168	154	202	255
		oz	1.7	2.0	2.7	3.3	4.5	5.9	5.4	7.1	9.0
	注射压力 Injection pressure	kg/cm^2	2722	2320	1742	2613	1920	1740	2331	1785	1410
	塑化能力 Plasticizing capacity	g/s	2	3	4	4	7	10	6	9	12
	螺杆行程 Screw stroke	mm	122			150			180		
	螺杆转速 Screw speed	rpm	240			267			225		
	注射速度 Injection speed	mm/s	114			101			94		
	注射速率 Injection rate	cm^3/sec	51	60	80	71	97	127	90	118	149
锁模单元	锁模力 Clamping force	KN	600			1000			1300		
	开模行程 Mold opening stroke	mm	300			360			410		
	容模量 Mold thickness range	mm	120-350			100-430			120-490		
	最小模具尺寸 Mold height min.	mm	205*205			234*234			267*267		
	拉杆内距 Tie bar distance	mm	310*310			360*360			410*410		
	顶出行程 Ejector stroke	mm	60			100			100		
	顶出力 Ejector force	KN	27			27			27		
其他	油泵马达 Pump motor power	Kw	9.4			12.5			15.5		
	温度控制器 Temperature control range	(range) set	(0-400°C) *4			(0-400°C) *4			(0-400°C) *4		
	电热功率 Heater power	kw	3.2			6 18			7 23		
	外形尺寸 Machine dimension	mm	4100*1020*1800			4400*1035*1880			4917*1139*2026		
	油箱容量 Oil tank	L	130			160			160		
	机器重量 Machine weight	ton	2.5			3.5			4.5		
	最大系统压力 Max. system pressure	kg/cm^2	140			140			140		

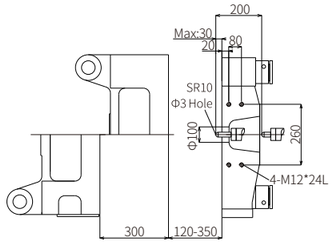
模板正面尺寸
Platen dimensions

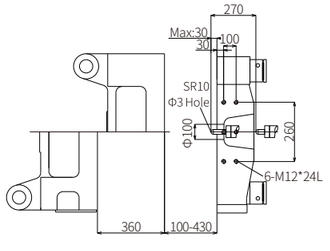


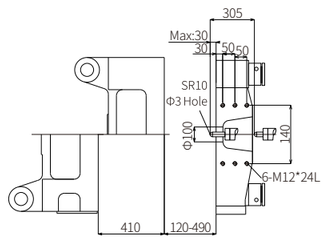




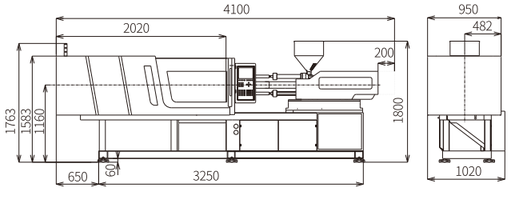
模板侧面尺寸
Platen dimensions

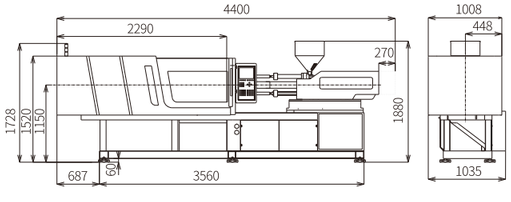


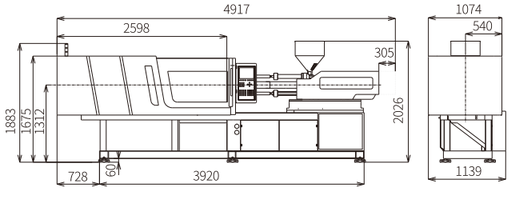




外形尺寸
Machine dimensions





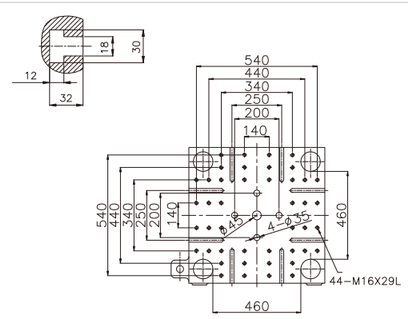


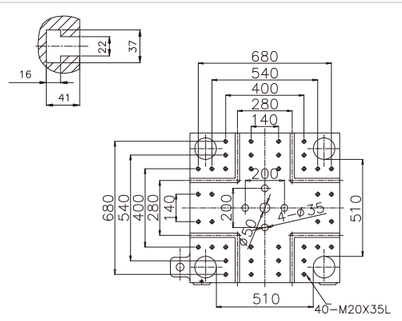
技术参数 TECHNICAL PARAMETERS

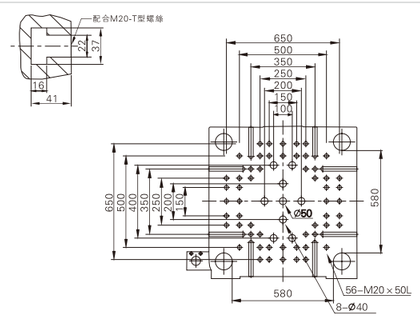
The shot weight is based on polystyrene at specific gravity of 1.05,
Due to continual improvements,we reserve the right to amend any of the above specifications without prior notice.

项目			单位	YS-160			YS-200			YS-260		
注射单元	注射单元 INJECTION UNIT			600			800			1100		
	螺杆直径	Screw diameter	mm	Φ40	Φ45	Φ50	Φ40	Φ50	Φ55	Φ50	Φ55	Φ60
	螺杆长径比	Screw L/D ratio	L/D	24	21	19	23	21	19	24	22	20
	理论注射容积	Theoretical injection volume	cm^3/sec	274	347	428	358	442	534	471	570	678
	注射重量	Injection weight (ps)	g	244	309	382	319	394	477	420	509	605
			oz	8.6	10.9	13.5	11.3	13.9	16.8	14.8	17.9	21.4
	注射压力	Injection pressure	kg/cm^2	2205	1742	1411	2333	1890	1562	2394	1979	1663
	塑化能力	Plasticizing capacity	g/s	7	10	14	10	14	18	14	18	24
	螺杆行程	Screw stroke	mm	218			225			240		
	螺杆转速	Screw speed	rpm	189			180			180		
	注射速度	Injection speed	mm/s	96			91			89		
	注射速率	Injection rate	cm^3/sec	120	152	188	144	178	215	175	212	253
锁模单元	锁模力	Clamping force	KN	1600			2000			2600		
	开模行程	Mold opening stroke	mm	450			510			540		
	容模量	Mold thickness range	mm	160-550			160-610			160-670		
	最小模具尺寸	Mold height min.	mm	299*299			332*332			380*380		
	拉杆内距	Tie bar distance	mm	460*460			510*510			580*580		
	顶出行程	Ejector stroke	mm	110			130			150		
	顶出力	Ejector force	KN	40			40			54		
其他	油泵马达	Pump motor power	Kw	18.7			25.8			28.8		
	温度控制器	Temperature control range	(range) set	(0-400°C) *4			(0-400°C) *5			(0-400°C) *5		
	电热功率	Heater power	kw	8.42			11.75			15		
	外形尺寸	Machine dimension	mm	5608*1047*2045			5818*1143*2180			6766*1145*2215		
	油箱容量	Oil tank	L	200			320			400		
	机器重量	Machine weight	ton	5.5			7.5			11		
	最大系统压力	Max. system pressure	kg/cm^2	140			140			140		

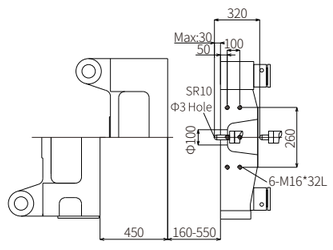
模板正面尺寸
Platen dimensions

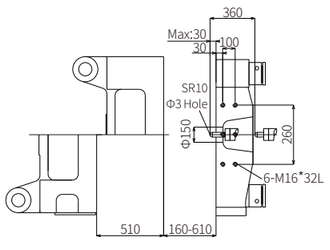


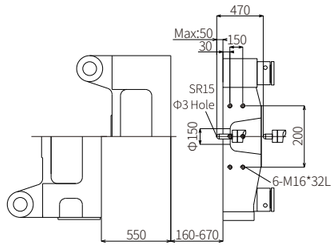




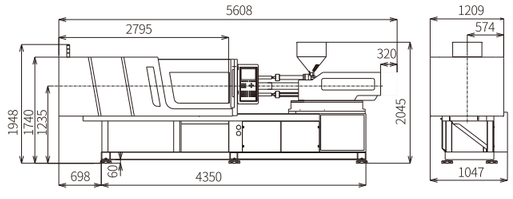
模板侧面尺寸
Platen dimensions

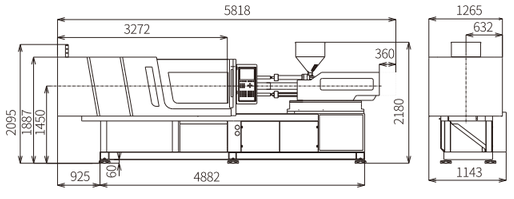


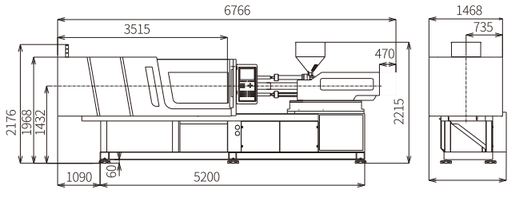




外形尺寸
Machine dimensions





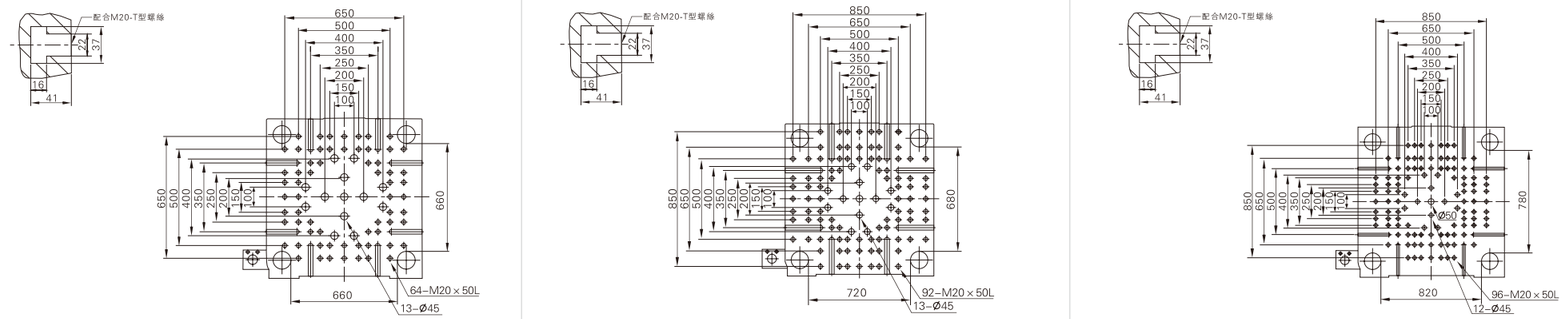


技术参数 TECHNICAL PARAMETERS

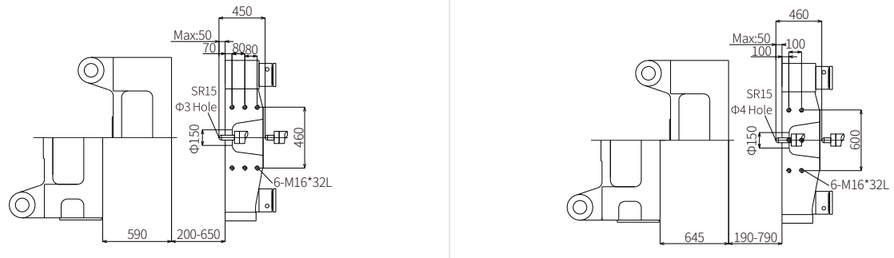
The shot weight is based on polystyrene at specific gravity of 1.05,
Due to continual improvements,we reserve the right to amend any of the above specifications without prior notice.

项目			单位	YS-320			YS-380			YS-470		
注射单元	注射单元 INJECTION UNIT			1700			2200			3000		
注射单元	螺杆直径	Screw diameter	mm	Φ60	Φ65	Φ70	Φ65	Φ70	Φ75	Φ75	Φ80	Φ85
注射单元	螺杆长径比	Screw L/D ratio	L/D	23	21	19	23	22	20	22	21	19
注射单元	理论注射容积	Theoretical injection volume	cm^3/sec	791	929	1077	1015	1177	1351	1501	1708	1928
注射单元	注射重量	Injection weight (ps)	g	706	829	961	906	1050	1206	1340	1525	2131
			oz	24.9	29.3	33.9	32.0	37.1	42.5	47.3	53.8	75.2
注射单元	注射压力	Injection pressure	kg/cm^2	2191	1867	1610	2195	1893	1649	2050	1801	1596
注射单元	塑化能力	Plasticizing capacity	g/s	27	34	43	27	33	41	39	47	56
注射单元	螺杆行程	Screw stroke	mm	280			306			340		
注射单元	螺杆转速	Screw speed	rpm	205			106			150		
注射单元	注射速度	Injection speed	mm/s	85			92			93		
注射单元	注射速率	Injection rate	cm^3/sec	240	281	326	306	355	408	410	466	526
锁模单元	锁模力	Clamping force	KN	3200			3800			4700		
锁模单元	开模行程	Mold opening stroke	mm	590			645			730		
锁模单元	容模量	Mold thickness range	mm	200-650			190-790			250-800		
锁模单元	最小模具尺寸	Mold height min.	mm	397*397			470*440			530*510		
锁模单元	拉杆内距	Tie bar distance	mm	660*660			720*680			820*780		
锁模单元	顶出行程	Ejector stroke	mm	185			200			200		
锁模单元	顶出力	Ejector force	KN	79			79			99		
其他	油泵马达	Pump motor power	Kw	37			47.2			28.8+28.8		
其他	温度控制器	Temperature control range	(range) set	(0-400°C) *5			(0-400°C) *5			(0-400°C) *5		
其他	电热功率	Heater power	kw	15			21			27.22		
其他	外形尺寸	Machine dimension	mm	6740*1752*1604			8198*1752*2295			8300*1976*2405		
其他	油箱容量	Oil tank	L	450			620			940		
其他	机器重量	Machine weight	ton	12			14			18.5		
其他	最大系统压力	Max. system pressure	kg/cm^2	140			140			140		

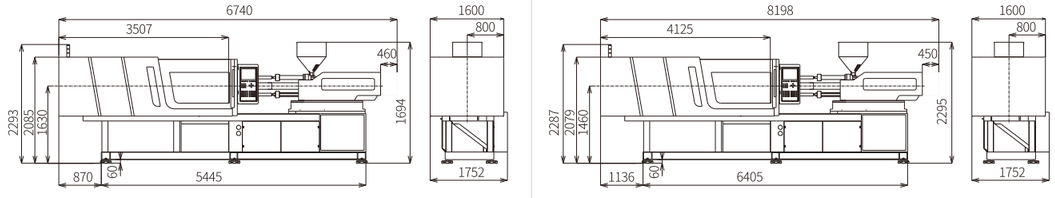
模板正面尺寸
Platen dimensions



模板侧面尺寸
Platen dimensions



外形尺寸
Machine dimensions

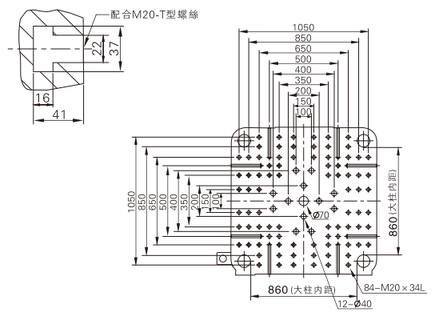


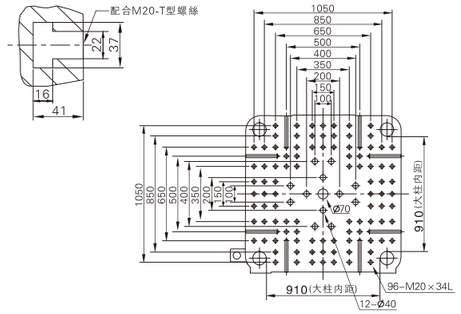
技术参数 TECHNICAL PARAMETERS

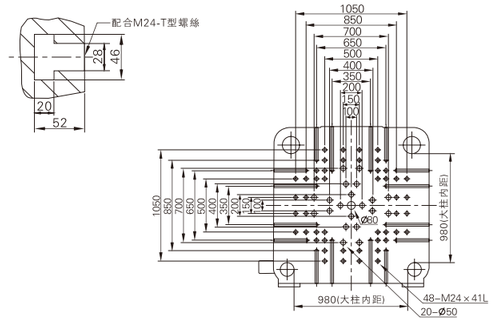
The shot weight is based on polystyrene at specific gravity of 1.05,
Due to continual improvements,we reserve the right to amend any of the above specifications without prior notice.

项目			单位	YS-550				YS-650				YS-750			
注射单元	注射单元 INJECTION UNIT			5100				5900				7400			
	螺杆直径	Screw diameter	mm	Φ80	Φ85	Φ90	Φ95	Φ85	Φ90	Φ95	Φ100	Φ90	Φ95	Φ100	Φ110
	螺杆长径比	Screw L/D ratio	L/D	24	23	22	21	23	22	21	20	22	21	20	18
	理论注射容积	Theoretical injection volume	cm^3/sec	2165	2444	2741	3053	2552	2861	3188	3533	2988	3330	3690	4464
	注射重量	Injection weight (ps)	g	1933	2182	2446	2725	2278	2554	2845	3153	2667	2972	3293	3984
			oz	68.2	77.0	86.3	96.1	80.3	90.1	100.4	111.2	94.1	104.8	116.2	140.5
	注射压力	Injection pressure	kg/cm^2	2380	2108	1880	1688	2329	2078	1865	1683	2498	2242	2023	1672
	塑化能力	Plasticizing capacity	g/s	47	57	68	79	60	71	84	98	76	89	104	139
	螺杆行程	Screw stroke	mm	431				450				470			
	螺杆转速	Screw speed	rpm	152				160				170.8			
	注射速度	Injection speed	mm/s	90				86				76			
	注射速率	Injection rate	cm^3/sec	452	511	573	638	487	545	608	673	484	540	598	724
锁模单元	锁模力	Clamping force	KN	5500				6500				7500			
	开模行程	Mold opening stroke	mm	800				900				1000			
	容模量	Mold thickness range	mm	300-900				350-1100				400-1100			
	最小模具尺寸	Mold height min.	mm	525*525				560*560				626*626			
	拉杆内距	Tie bar distance	mm	860*860				910*910				980*980			
	顶出行程	Ejector stroke	mm	220				220				240			
	顶出力	Ejector force	KN	161				226				209			
其他	油泵马达	Pump motor power	Kw	28.8+37				28.8+37				37+37			
	温度控制器	Temperature control range	(range) set	(0-400°C) *6				(0-400°C) *7				(0-400°C) *7			
	电热功率	Heater power	kw	3 15				34.25				40.73			
	外形尺寸	Machine dimension	mm	9809*2033*2746				10189*2067*2681				11101*1982*3296			
	油箱容量	Oil tank	L	1000				1200				1400			
	机器重量	Machine weight	ton	24				29				40			
	最大系统压力	Max. system pressure	kg/cm^2	170				170				170			

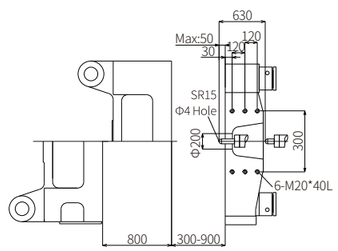
模板正面尺寸
Platen dimensions

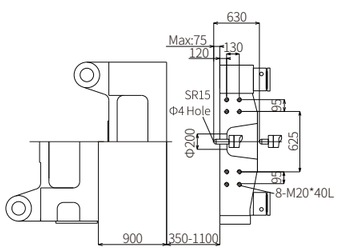


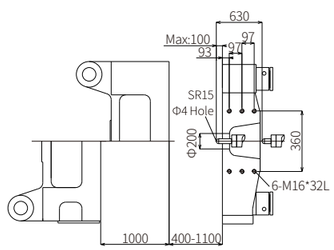




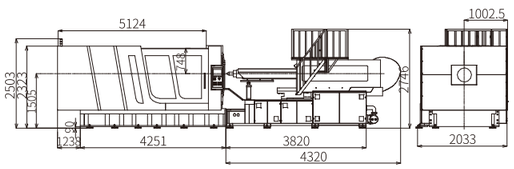
模板侧面尺寸
Platen dimensions

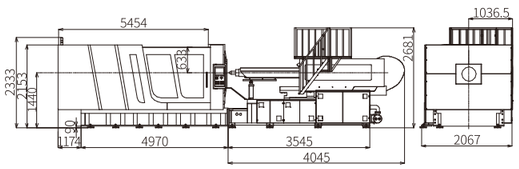


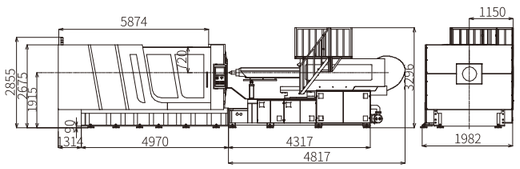




外形尺寸
Machine dimensions





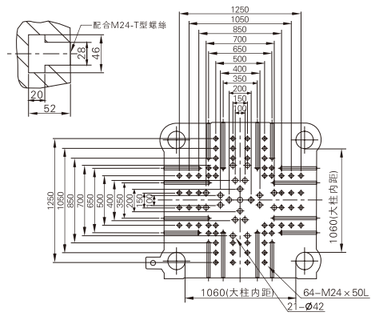


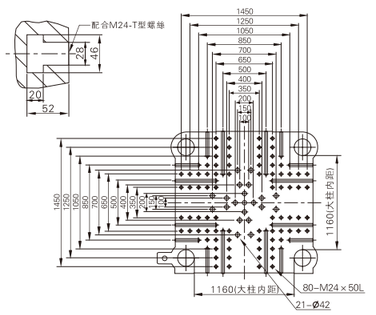
技术参数 TECHNICAL PARAMETERS

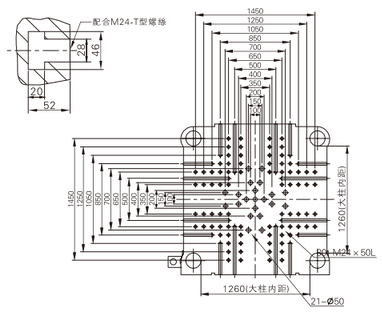
The shot weight is based on polystyrene at specific gravity of 1.05,
Due to continual improvements,we reserve the right to amend any of the above specifications without prior notice.

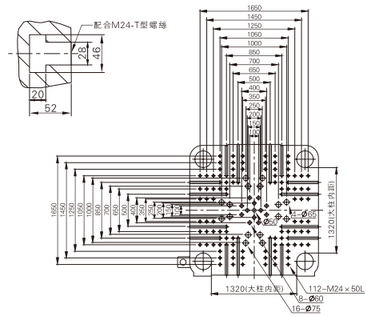
项目			单位	YS-850				YS-1000				YS-1250				YS-1480			
注射单元	注射单元 INJECTION UNIT			9800				11000				11000				25000			
	螺杆直径	Screw diameter	mm	Φ95	Φ100	Φ110	Φ120	Φ100	Φ110	Φ120	Φ130	Φ100	Φ120	Φ130	Φ140	Φ130	Φ140	Φ150	Φ160
	螺杆长径比	Screw L/D ratio	L/D	23	22	20	18	23	21	19	18	21	19	18	17	23	21	20	19
	理论注射容积	Theoretical injection volume	cm^3/sec	3684	4082	4939	5878	4318	5224	6217	7297	5224	6217	7297	8462	10746	12463	14307	16278
	注射重量	Injection weight (ps)	g	3288	3643	4408	5246	3853	4663	5549	6512	4663	5549	6512	7553	9591	11123	12769	14528
			oz	116.0	128.5	155.5	185.1	135.9	164.5	195.7	229.7	164.5	195.7	229.7	266.4	338.3	392.3	450.4	512.4
	注射压力	Injection pressure	kg/cm^2	2670	2410	1992	1673	2570	2124	1785	1521	2124	1785	1521	1311	2390	2061	1795	1578
	塑化能力	Plasticizing capacity	g/s	97	113	151	196	110	146	190	241	155	202	256	320	189	236	290	352
	螺杆行程	Screw stroke	mm	520				550				550				810			
	螺杆转速	Screw speed	rpm	186				180				191				141			
	注射速度	Injection speed	mm/s	86				88				94				86			
	注射速率	Injection rate	cm^3/sec	611	677	724	975	694	840	1000	1174	894	1063	1248	1448	1138	1320	1515	1724
锁模单元	锁模力	Clamping force	KN	8500				10000				12500				14200			
	开模行程	Mold opening stroke	mm	1000				1100				1275				1450			
	容模量	Mold thickness range	mm	400-1200				400-1300				450-1400				500-1500			
	最小模具尺寸	Mold height min.	mm	625*625				690*690				790*790				845*845			
	拉杆内距	Tie bar distance	mm	1060*1060				1160*1160				1260*1260				1320*1320			
	顶出行程	Ejector stroke	mm	240				300				320				340			
	顶出力	Ejector force	KN	209				262				262				300			
其他	油泵马达	Pump motor power	Kw	37+28.8+28.8				37+37+28.8				37+37+37				42+42+31.4			
	温度控制器	Temperature control range	(range) set	(0-400°C) *7				(0-400°C) *7				(0-400°C) *7				(0-400°C) *8			
	电热功率	Heater power	kw	46.48				51.2				62.78				76.13			
	外形尺寸	Machine dimension	mm	11251*1982*3396				11936*2535*2826				12820*2535*2801				14420*2940*3161			
	油箱容量	Oil tank	L	1600				1700				1700				2500			
	机器重量	Machine weight	ton	42				50.8				74				84			
	最大系统压力	Max. system pressure	kg/cm^2	170				170				170				170			

固定模板正面尺寸
Platen dimensions

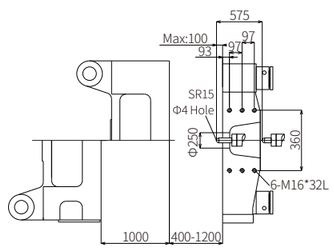


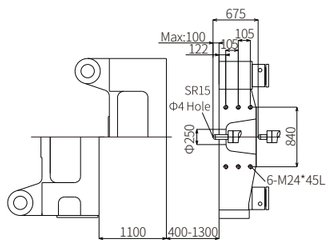


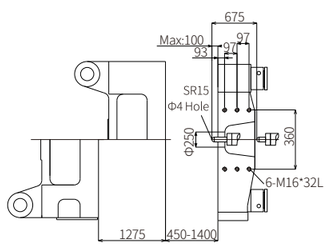


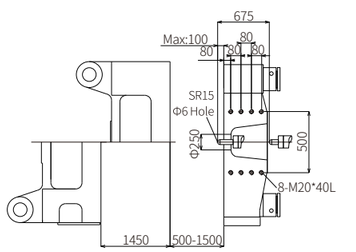


模板侧面尺寸
Platen dimensions

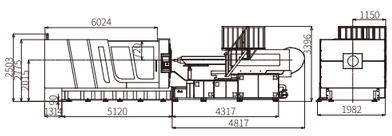


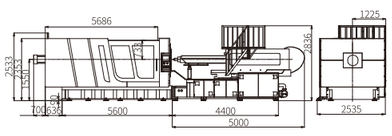


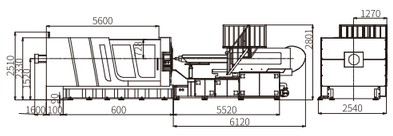


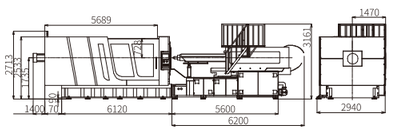


外形尺寸
Machine dimensions









YS系列标准机器配置

	配置
●锁模部分	
精密电子尺控制锁模/顶出行程/射胶行程	●
锁模大板及射胶大板及机铰采用QT500-7A球墨铸铁	●
预留机械手安装螺纹孔	●
液压驱动齿轮调模装置	●
液压、电气双重保护	●
移动模板耐磨锰钢带轨道	●
自动集中容积式润滑系统	●
多种顶出功能可选	●
低压模具保护功能	●
T型槽、码模孔复合模板	●
自动调模功能	●
顶出强制复位功能	●
机门边加装防夹伤缓冲条设计	●
锁模钣金四周全封闭防护（高度2米内加活动盖板）	●
免调节式机械安全锁撞杆（60T~470T可选）	○
特殊模具安装孔	○
吊模架（200T以下）	○
加模具隔热板	○
加大顶出力、加大顶出行程	○
加大容模量	○
磁力模板	○
顶退确认功能	○
更改固定板模具定位环	○
机架与活动门间防护挡板	○
●电气部分	
料筒加热强制保护	●
输入、输出检视画面	●
自动保温及自动加热设定功能	●
射胶转保压方式：时间/位置/时间+位置	●
10寸TFT真彩色LCD显示屏(550T及以上机型）	●
8寸TFT真彩色LCD显示屏(550T以下机型）	●
240组大容量工艺参数存储空间，USB存储接口	●
多种操作语言	●
可设置多级密码保护，操作面板带锁按键钥匙	●
前后安全门急停开关保护	●
质量数据过程控制界面	●
生产统计过程控制（SPC)实时列表界面	●
预留吹风、抽芯回保护等多种接口(有软件，无硬件)	●
二组380V三相插座，一组220V多功能插座	●
电动安全门(550T及以上机型）	●
双色报警灯	●
电热圈使用固态继电器	●
总电源空气开关	●
电热总控制配交流接触器	●
热流道模具针阀控制	○
国内机械手电气接口	○
欧标67机械手电气接口	○
欧标12机械手电气接口	○
热流道接口	○
气动顺序阀	○
电动旋转脱模接口	○
更改电源电压	○
一组吹气带阀装置	○
多组吹气带阀装置	○
气辅注射装置	○
中央（联网）监控系统	○
前、后安全门内光栅保护(550T及以上机型）	○
电脑整机能耗显示	○
增加电度表	○
欧洲品牌电脑系统	○
射嘴直接温度控制	○
后安全门操作（需客户承诺安全责任）	○
前安全门关门到位上屏确认	○
隔离变压器	○

	配置
●射台部分	
双缸平衡注射系统	●
低速大扭矩液压马达	●
氮化合金钢螺杆料筒	●
下料口冷却装置	●
射嘴及料管多段PID温度控制	●
双射移油缸	●
半封闭式保温罩、射嘴防护罩	●
螺杆防冷启动功能	●
自动清料功能	●
熔胶前、后松退可选	●
移动或滚动料斗装置（60T-470T）	●
螺杆转速检测	●
射台手动润滑泵集中加润滑脂（550T及以上机型）	●
料斗滑轨（470T以下机型)	●
射台手动润滑泵集中加润滑脂（550T以下机型）	○
陶瓷发热圈	○
高速低扭矩液压马达	○
专用料管组（电镀、双合金、PC、PMMA、PET、PA等）	○
料筒风冷装置	○
弹簧自锁射嘴	○
加大注射行程或加大（减少）一级射胶机构	○
旋转射台	○
红外发热圈	○
射移电子尺	○
不锈钢上料斗	○
料斗滑轨（470T及以上机型)	○
下料口防护装置	○
●液压系统	
第三代伺服泵系统	●
低噪音节能型液压回路	●
进口名牌液压控制阀	●
进口名牌液压密封件	●
差动快速合模油路（200T以上机型）	●
内置式冷却器(470T及以下机型)	●
开模刹车油路设计（开模背压）	●
油温自动检测及高低温报警	●
外露高压油管配防爆链	●
全机标配一组带阀抽芯（550T以上两组）	●
多组运水装置并配快速插头	●
液压安全凸轮阀	●
高精密实时旁路滤油器装置	○
熔胶电动比例背压控制（550T及以上机型标配）	○
加大多级油泵、电机	○
加大多级熔胶马达	○
同步顶出、抽芯、熔胶系统	○
高响应蓄能伺服注射系统	○
多组抽芯装置	○
加装液压旋转脱模装置	○
玻璃管冷却流量计	○
增加液压油位置传感器	○
带位置反馈液压安全阀	○
●其他部分	
说明书	●
避震脚	●
工具箱及工具一套	●
码模夹	●
射嘴专用扳手	●
液压油	○
干燥机	○
自动上料机	○

备注：● 表示该功能标配　○ 表示该功能选配

YS Series Configuration

	OPTIONAL
● Clamping Unit	
Precision clamping Transducer / ejecting Transducer /injection Transducer	●
Platens and toggles using QT500-7A material	●
Reserved thread hole for robot	●
Hydraulic drive gear for mold adjustment	●
Hydraulic and electrical safety protection	●
Wearable manganese steel rail below movable platen	●
Automatic centralized lubrication system	●
Multi ejection funtions	●
Low pressure mold protection	●
T-slot & mounting hole platen	●
Automatic mold thickness adjustment	●
Ejector backward reset function	●
Anti - jamming Buffer Strip on safety door	●
Machine cover on clamping unit fulll closed protection (top cover for machines lower than 2m)	●
Mechanical safety lock	○
Special mold mounting holes	○
Mold hanger (Max 200T)	○
Mold insulation board	○
Enlarged ejector force and ejector stroke	○
Enlarged Max. mold height	○
Magnetic Platen	○
Ejector backward confirmation funciton	○
Change the fixed plate mould positioning ring	○
Protective baffle between machine base and movable door	○
● Electrical Unit	
Forced protection of barrel heating	●
Input and output view screen	●
Automatic heat preservation and automatic heating setting function	●
Injection pressure holding mode: time/position/time+position	●
10-inch TFT LCD display (>550T)	●
8-inch TFT LCD display (<550T)	●
240 groups of large-capacity process parameter storage, USB port	●
Multiple languages	●
Multi-level password protection , operation panel with lock button key	●
Emergency Stop protection of front and rear safety doors	●
Quality data process control interface	●
Production process control (SPC) real-time list interface	●
Reserve a variety of interfaces such as air blowing, pull back protection, etc. (with software, without hardware)	●
Two sets of AC380V/16A three-phase sockets, one set of AC220V/10A multi-function two or three plug sockets	●
Electric safety door (>550T)	●
Two-color warning lights	●
electrically heated coil with Solid State Relay	●
Main power with Air switch	●
Electric heating master control with AC contactor	●
Hot runner mould needle valve control	○
China standard Robot electrical interface	○
European standard 67 Robot electrical interface	○
European standard 12 Robot electrical interface	○
Hot runner mold interface	○
Air-operated sequence valve	○
Electric rotating demoulding interface	○
Adjustable power supply voltage	○
A set of blowing valve device	○
Sets blowing valve device	○
Gas-assisted injection device	○
Central (networked) monitoring system	○
Infrared Grating protection in front and rear safety doors (>550T)	○
Energy consumption display	○
Electric meter	○
Computer system with European brand	○
Direct temperature control for ejection nozzle	○
Rear safety door operation (customer commitment to safety responsibility)	○
The front safety door closes in place and confirms on the screen	○
Isolation transformer	○

	OPTIONAL
● Injection Unit	
Double injection cylinders	●
Low speed high torque hydraulic motor	●
Nitriding alloy steel screw & barrel	●
Cooling device on hopper feeding area	●
Nozzle and barrel multi-section PID temperature control	●
Double carriage movement cylinders	●
Semi enclosed insulation barrel cover, nozzle protection cover	●
Anti-cold start screw protection	●
Automatic purge function	●
Nozzle back and forth movable before and after plasticizing	●
Hopper sliding or scrolling unit（60T-470T)	●
Screw speed detection	●
Manual centralized grease lubrication pump on injection unit (>550T)	●
Hopper rail (<470T)	●
Manual centralized grease lubrication pump on injection unit (<550T)	○
Ceramic heater	○
High speed low torque hydraulic motor	○
Special screw and barrel(Electroplating, alloy, PC, PMMA, PET, PA,etc)	○
Fan for cooling barrel	○
Spring self-locking nozzle	○
Increase/decrease injection stroke, or screw & barel size	○
Rotating injection unit	○
Infrared heater	○
Position Transducer control on Injection unit	○
Stainless steel hopper	○
Hopper rail (>470T)	○
protection device on hopper feeding area	○
● Hydraulic system	
Third generation servo pump system	●
Low noise energy saving hydraulic circuit	●
Brand hydraulic valve	●
Brand hydraulic seal	●
Differential fast mold clamping oil circuit (>200T)	●
Built-in cooler (<470T)	●
Mold openning brake oil circuit (mold open back pressure)	●
Automatic detection of oil temperature/high and low temperature alarm	●
Exposed high pressure tubing with explosion - proof chain	●
1 set hydraulic core pull with valve (2 sets for 550T and above)	●
multi-sect water distruibutor with fast plug	●
Hydraulic safety cam valve	●
High precision real-time bypass filter device	○
Plasticizing proportional back pressure control (> 550T)	○
Increase multi-stage oil pumps and motors	○
upgrading plasticizing motor sizes	○
Synchronous ejection, core pulling, and plasticizing	○
High response energy storage servo injection system	○
Multiple core-pulling devices	○
Hydraulic rotary demoulding device	○
Glass tube cooling flow meter	○
Hydraulic oil position sensor	○
Hydraulic safety valve with position feedback	○
● Others	
Manual	●
Suspension feet	●
Toolbox and tools	●
Mould clamps	●
Special wrench for Nozzle	●
Hydraulic oil	○
Dryer	○
Automatic feeding machine	○

Remarks: ● means the function is standard; ○ means the function is optional;

卧式电木专用注塑机

HORIZONTAL BAKELITE SPECIAL INJECTION MOLDING MACHINE

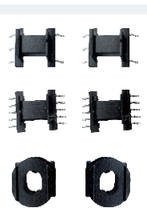
产品运用：

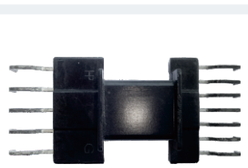
PRODUCT APPLICATION

可用于各种热固性（电木）产品生产：胶木、餐具、手轮、手柄、电木把手、刀具、拉手、胶木、锅柄、锅耳、刀柄、电木旋钮、开关、烤炉配件、接线端子、端钮、电表配件、电表壳等电木制品。

Be used for a variety of thermosetting (Bakelite material) Bakelite, Tableware, Hand wheel, Bakelite handle, cutlery, panhandle, Pot ears, Knife handle, Bakelite knob, Switch, Oven accessories, Terminals, End button， Meter accessories， Meter shell and etc.







果框专用注塑机

SPECIALIZED INJECTION MOIDING MACHINE FOR FRUIT FRAME

产品运用：

PRODUCT APPLICATION

苹果框、芒果框、橘子框、葡萄框、等各类周转筐

Product application: Apple frame, mango frame, orange frame, grape frame, etc



产品特性

PRODUCT CHARACTERISTICS

1.伺服油泵动力系统全部加大；2.模板、哥林柱等关键部位零部件采用硬化分析全新设计；3.采用高速机专用电脑控制器能快速稳定运行，比市场同类型普通果框机快10%-20%；4.润滑系统采用点对点定量润滑系统，保证每一滴油润滑到位；5.采用果框机专用合金螺杆，延长螺杆使用寿命

1.Reinforce the Energy-Saving servo Motor system ;2. The Platen , Tie bar and Main parts adopt new design of hardening analysis;3. Adopt specialized computer controller , machine can run fast and stably, which is 10%-20% faster than the common fruit frame machine of the same type in the market;4. The lubrication system adopts point-to-point quantitative lubrication system to ensure that every point of lubricated in properly supplied.5. Adopt specialized Bi-metallic alloy screw for fruit frame machine to extend the service life of screw

技术参数

TECHNICAL PARAMETERS

项　　目		單位	YS-130B		YS-160B		YS-200B		YS-300B	
射出单元 Injection Unit	螺杆直径	mm	Φ36	Φ40	Φ40	Φ44	Φ44	Φ50	Φ68	Φ75
	理论射出容积	cm^3	163	226	274	331	342	442	1111	1351
	射出量	gram	180	250	303	366	378	488	1227	1492
		ozs	4.3	5.9	8.6	10.4	10.8	13.9	35.0	42.5
	射胶压力	kg/cm^2	2035	1470	2205	1822	2440	1890	2006	1648
	射出速度	mm/s	88		84		90		80	
	射出率	cm^3/sec	92	127	106	128	145	188	291	354
夹模单元 Clamping Unit	闭模力	metric tons	128		160		200		300	
	夹模行程	mm	410		450		510		590	
	模厚	mm	120-490		160-550		160-610		200-650	
	建议最小模具尺寸	mm	267*367		299*299		332*332		397*397	
	大柱内距	mm	410*410		460*460		510*510		660*660	
	模盘尺寸	mm	600*600		670*670		745*745		894*894	
	托模行程	mm	100		110		130		185	
电气单元 Electrical Equipment	电机马达	Kw	14.1		16.5		21.2		31.4	
	温度控制器	(range) set	(0-400°C)x4		(0-400°C)x4		(0-400°C)x5		(0-400°C)*5	
	电热容量	Kw	8.88		11.45		14.4		19.75	
其他 Others	机械尺寸 (LxWxH)	mm	5000*1050*1790		5555*1100*1790		6080*1250*1860		7340*1430*2100	
	油箱容量	liter	210		250		340		450	
	机械重量	metric tons	4.5		5.5		7.5		12	
	最高系统压力	kg/cm^2	140		140		140		140	

技术参数

TECHNICAL PARAMETERS

项　　目		單位	YS-320K	YS-380K	YS-470K	YS-550K
射出单元 Injection Unit	螺杆直径	mm	Φ65	Φ75	Φ85	Φ95
	理论射出容积	cm^3	929	1351	1928	3053
	射出量	gram	829	1206	1721	2725
		ozs	29.2	42.5	60.7	96.1
	射胶压力	kg/cm^2	1417	1648	1770	1535
	射出速度	mm/s	106	103	105	107
	射出率	cm^3/sec	350	453	593	760
夹模单元 Clamping Unit	闭模力	metric tons	300	380	470	550
	夹模行程	mm	590	645	730	800
	模厚	mm	200-650	190-790	250-800	350-900
	建议最小模具尺寸	mm	397*397	425*415	475*475	525*525
	大柱内距	mm	660*660	710*690	760*760	860*860
	模盘尺寸	mm	894*894	1000*980	1120*1120	1250*1250
	托模行程	mm	185	200	200	220
电气单元 Electrical Equipment	电机马达	Kw	31.4	31.4	42.4	30+30
	温度控制器	(range) set	(0-400℃)X5	(0-400℃)X5	(0-400℃)X5	(0-400℃)X6
	电热容量	Kw	19.75	23.05	23.05	27.7
其他 Others	机械尺寸 (LxWxH)	mm	7340*1430*2100	8020*1500*2175	8340*1920*2210	9350*1950*2220
	油箱容量	liter	450	620	780	1000
	机械重量	metric tons	12	14	18.5	24
	最高系统压力	kg/cm^2	140	140	140	140