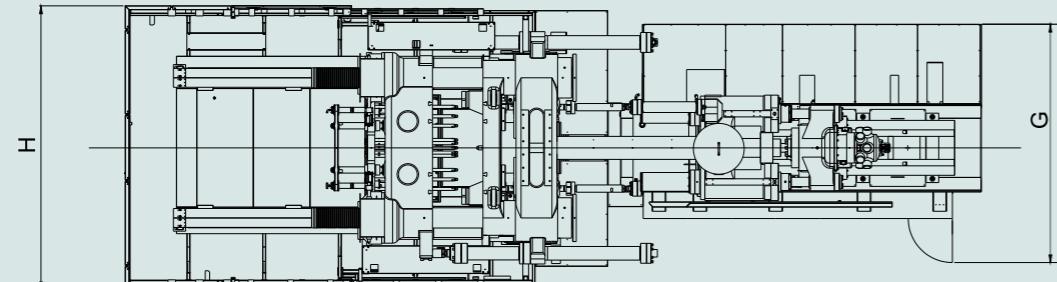
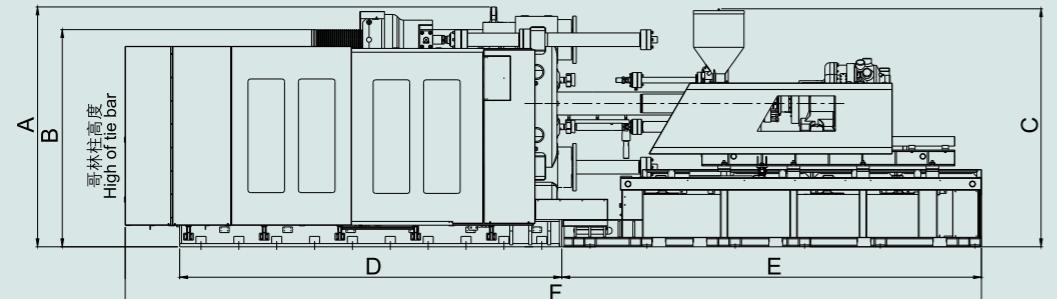


外形尺寸

Machine Dimensions



Model	A	B	C	D	E	F	G	H
1000JSe II	2524	2374	2816	4043	5050	9913	3355	3134
1200JSe II	2724	2509	2885	4543	5050	10462	3500	3314
1300JSe II	2805	2620	2957	4543	5765	11232	3450	3384
1400JSe II	2925	2755	3037	4818	5765	11637	3445	3484
1600JSe II	3162	2920	3162	5003	5564	12286	3705	3629
1850JSe II	3315	3070	3217	5283	5564	12566	3705	3784
2100JSe II	3370	3125	3409	5683	5544	12576	3652	3984
2550JSe II	3800	3440	3770	6055	6650	13569	3776	4500
2850JSe II	3950	3590	3880	6485	7048	14360	3604	4620
3350JSe II	4136	3796	3965	7125	9827	18481	4168	4876
4000JSe II	4475	4375	4185	7770	10702	19441	4306	5242

注: C-料斗高度仅供参考
Remark: C-hopper height for reference only



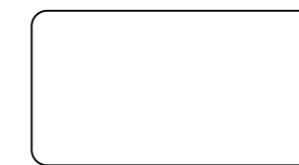
大同机械(东莞)销售有限公司
COSMOS MACHINERY (DONGGUAN) TRADING CO., LTD.
(大同机械有限公司成员 Member of Cosmos Machinery Ltd.)

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Development Zone, Wuxi, Jiangsu Province
Tel: +86 510 85857417 Fax: +86 510 85857410
E-mail: sales.wx@cml.com.cn



版本号: JSEII-C1703



东华官方微信



东华官方网站



节能型注塑机
符合
中国塑料机械工业协会

注塑机安全要求
GB22530-2008
中国塑料机械工业协会
国家塑料机械产品质量监督检验中心



1000-4000JSe II
超大型伺服驱动两板式注塑机

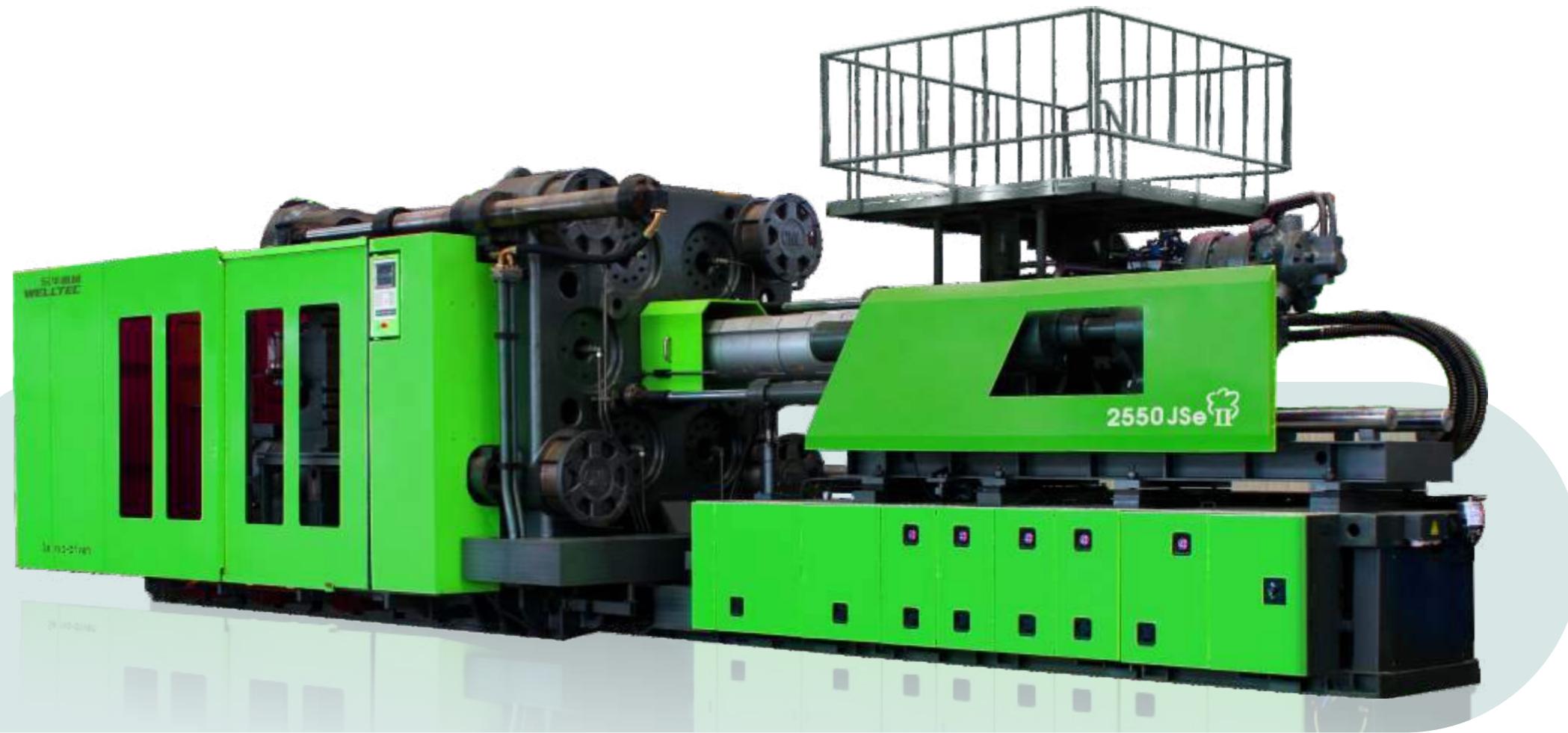
Ultra Large-sized Servo-driven Two-platen Injection Moulding Machine



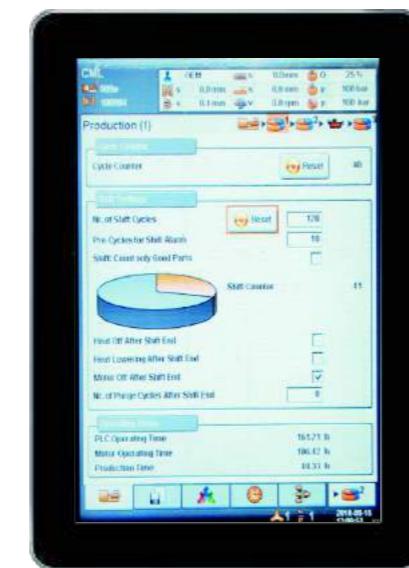
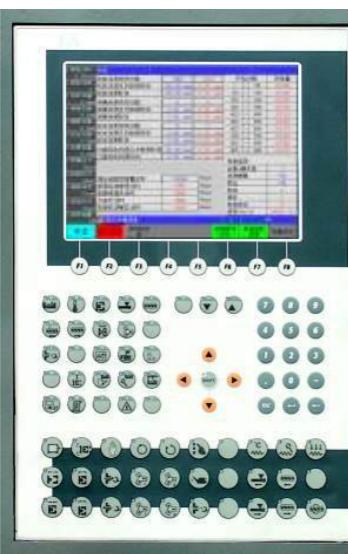
中国 · CHINA

性能特点 Main features

- 直压式锁模结构，配高精度压力传感器，确保精准的锁模力
- 大四柱间距，大容模量及开模行程
- AC 伺服马达，实现流畅低速动作控制
- 高重复精度，即使在低速和长保压时间下仍然表现优异
- 欧洲原装进口控制系统
- Direct clamping mechanism with high resolution pressure transducer, ensures the accuracy of clamping force
- Large tie-bars clearance, large mould thickness range and long opening stroke
- AC servo motor grants machine stability under low-speed movement
- Excellent product weight repeatability, even under low-speed and long holding pressure time condition
- Original European imported control system specified for injection moulding machine



B&R控制系统 B&R Control System



在iPad电脑上显示画面
Display on iPad

软件及功能 Software & Functions

欧洲进口贝加莱专业注塑机控制系统
European imported from B&R Automation, professional control system for injection moulding machine

10.4" TFT彩色液晶显示屏
10.4" TFT colour LCD display

图形化编写程序，清楚明白
Program sequence by codes or diagram, clear and easy to understand

客户可自由编程辅助输出
Free output programmed by user

参数更改记录，客户可从记录中知道谁人曾更改参数及参数改变的数值
Parameter change logging, user can know who change the data and the scope of data changed

品质管理统计参数记录，确认机器的稳定性
Quality control statistical process data, proves the stability of machine

自动调节温度PID参数
Auto-tune temperature control PID value

模具参数可记录于U盘处，并抄录到其它机台中使用
Mould data can save on USB memory and copy to another injection machine

iSee 远程监控软件容许客户自由的在任何地区及任何时间观察机器的画面显示，查询机器的状态及获得机器的质量报告，显示内容与亲身在车间现场查核的相同。

iSee facilitates the customer to see exactly the same screen, check the instant status of machine and get the quality report from the machine from any place at any time

多种语言文字显示
Multi-languages text display

独家专利设计

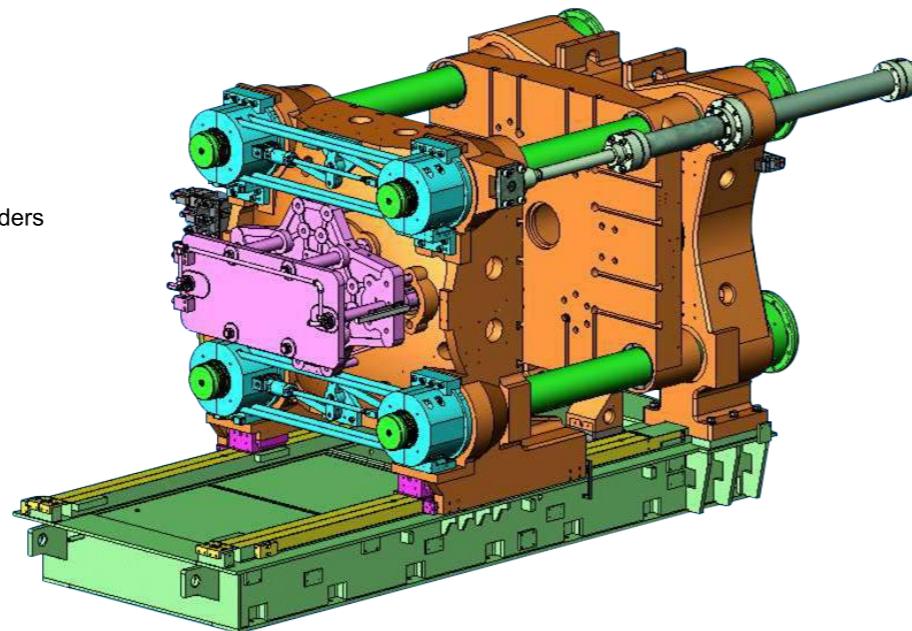
Patented design

独家专利 (专利号: ZL 200420083893.2) 六油缸均布直压锁模结构。

Our Patent design of even-circular distributed with 6 cylinders for high-pressure direct hydraulic clamping.



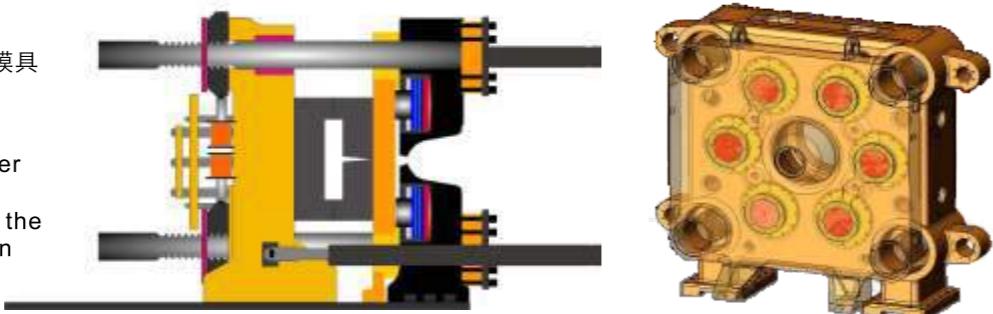
实用新型专利证书
Patent Certificate



六油缸均布直压锁模结构

Six cylinder even and direct clamping structure

- 合模动作及高压锁模由两组机械结构完成，稳定性更高。
- 高压油缸呈环形分布，直接作用于模具安装面上，有效减少模具变形，更好地保护模具，更加有利于制品成型的质量。
- Platen movement and high-pressure clamping are implemented by two individual structures that with higher process stability.
- Circular pattern high-pressure cylinders can directly apply the force to the mould that effectively minimize the platen deformation better protection to processing mould and enhance high quality moulding

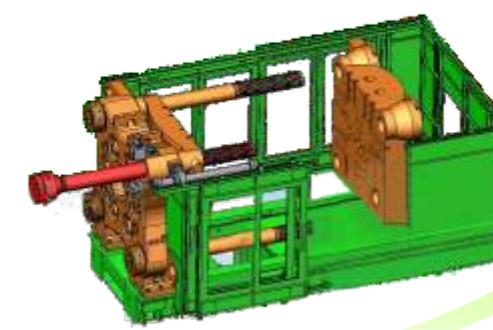


抽哥林柱功能配置 (选配)

The specification of tie bar puller (optional mechanism)

降低车间高度，方便模具安装。

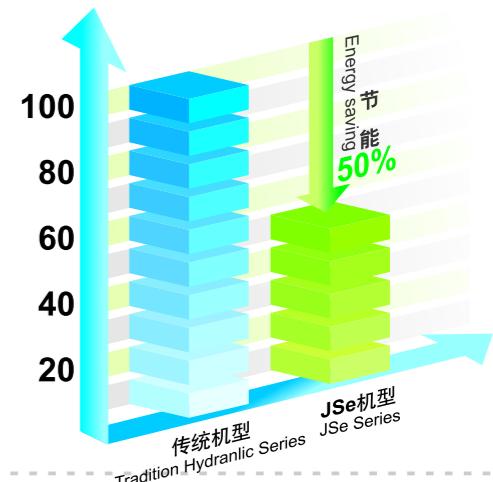
Reducing the height of workshop, and making the mould installation more convenient.



节能环保

Energy Saving and Environmental Protection

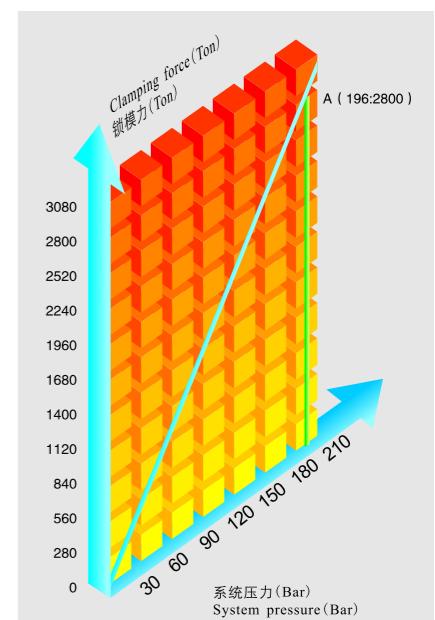
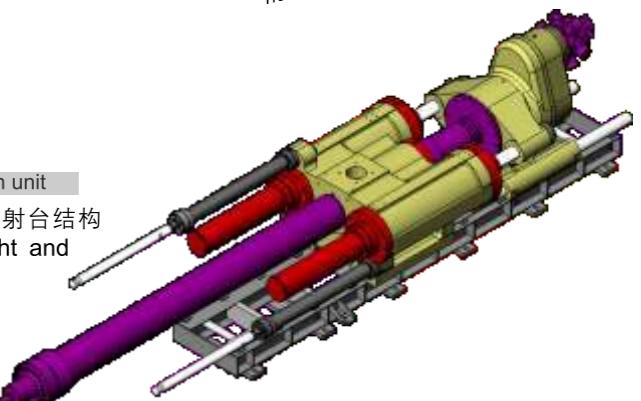
- JSe系列注塑机采用伺服系统配置, 节能效果达到国家一级节能标准。
- 较传统定量泵系统机型平均节能50%以上
- The injection moulding machine special for JSe Series adopts the servo system configuration in each level, energy saving class complied with National Energy Saving Grade#1.
- Energy saving by over 50% in average as comparing with traditional fixed displacement pump system



新型射台结构

New structure on injection unit

结构紧凑、重量轻、刚性好的新型射台结构
Compact structure with light weight and robustness injection unit



锁模力准确、稳定

High precision and stable clamping force

两板机的锁模力准确、稳定，与系统压力成正比，线性好，有利于保护模具，制品重复精度高。

Thanks the J-series two-platen machine design with high precision clamping force, stability, repeatability, good force linearization all can provide better mould protection and minimize product weight variation.

极高制品重复精度

Extreme high products weight repeatability

极高的制品重复精度，重量重复误差小于千分之五
Outstanding product weight repeatability with deviation less than 0.5%.



标准配置表

Standard Configuration

注射装置

- 注射行程电子尺
- 射移接近开关
- 单螺纹螺杆+混炼环
- 差动快速射胶功能
- 射咀伸出码模面100mm
- 料筒防护罩
- 射嘴防护罩
- 射移油缸斜对角布置
- 防流涎功能
- 射胶故障自动检测
- 螺杆防冷起动功能
- 自动清料功能
- 加热开/关切换
- 自动摆射台装置
- 射咀对中调整装置
- 料筒注料端冷却水
- 10段注射速度闭环控制
- 10段保压压力闭环控制
- 5段熔胶转速闭环控制
- 5段背压压力闭环控制
- 射台手动集中油脂润滑

Injection Unit

- Injection stroke controlled by transducer
- Proximity sensor for carriage
- Single-flight screw + Screw tip mixer
- Regenerative circuit on injection
- Nozzle protrude out mould mounting surface 100mm
- Barrel protection cover
- Nozzle protection cover
- Diagonal layout of carriage cylinders
- Anti-drooling function
- Automatic detection of injection failure
- Screw cold start prevention
- Auto purging function
- Heater on/off switch
- Powered carriage swing out device
- Nozzle center adjustment device
- Feeding throat cooling water
- 10 stages closed loop injection speed control
- 10 stages closed loop hold pressure control
- 5 stages closed loop metering control
- 5 stages closed loop back pressure control
- Manual operated centralized lubrication grease

锁模装置

- 获国家专利的锁模机构
- 锁模行程磁悬浮位移传感器
- 顶针行程电子尺
- 无需调模结构
- 自动润滑系统
- 模具保护功能
- 多种顶针动作模式 (顶针杆数量为9根)
- T型槽模板+码模孔
- 模内安全踏板 (1300-4000JSe II)
- 开模 4段速度、压力调整
- 合模 4段速度、压力调整
- 顶进 2段速度、压力调整
- 顶退 2段速度、压力调整

Clamping Unit

- Patented clamping mechanism
- Clamping stroke controlled by non-contact absolute position transducer
- Ejector stroke controlled by transducer
- No mould adjustment mechanism
- Automatic lubrication system
- Mould protection function
- Ejector modes selection (Maximum 9 ejector rods)
- T slot mould platen
- Moulding area safety pedal (1300-4000JSe II)
- 4 stages clamping speed, pressure adjustment
- 4 stages opening speed, pressure adjustment
- 2 stages ejector forward speed, pressure adjustment
- 2 stages ejector backward speed, pressure adjustment

液压系统

- 高性能节能伺服电机泵
- 开模同步顶针或同步抽芯
- 油压安全装置
- 熔胶比例背压
- 动模板两组液压抽芯
- 吸油过滤器及堵塞报警
- 射移单向阀
- 油温显示报警
- 润滑油位报警及失压报警

Hydraulic Unit

- High efficiency energy saving servo-motor
- Paralleled movement of ejection or core pulling during mould open
- Hydraulic safety device
- Plasticizing proportional back pressure
- Two sets core pulling device at movable platen
- Return line filtering device with blocking alarm
- Carriage check valve
- Hydraulic oil temperature panel display and limits alarms
- Lubrication oil low level and low-pressure alarms

电控系统

- 欧洲原装进口B&R注塑机专用控制系统
- 10.4"(TFT)彩色液晶按键式显示屏
- 电脑PID闭环温度控制
- 料筒保温及预加热功能
- 螺杆转速检测装置
- 射胶、保压、熔胶、背压闭环控制
- 自动显示故障
- 成品计数功能
- 后急停按钮
- 380V 50Hz电压
- 1组 220V 3孔多功能插座10A(出口机无)
- 2组 380V 16A插座
- 1组 380V 32A插座
- 电气安全装置
- 四级密码保护
- 控制系统 SPC 统计功能
- 实时曲线显示功能
- 可存储 100 套模具参数, USB /卡备选
- 预留机械手接口信号
- 380V 50Hz voltage
- 220V 10A socket X 1 set (Not for export market)
- 380V 16A socket X 2 sets
- 380V 32A socket X 1 set
- Electrical safety interlock
- Four levels password protection
- SPC quality control
- Real time curve display
- 100 sets of mould data storage, optional with USB memory
- Robot interface

其它

- 水闸掣15组
- 射台半封护罩
- 15 sets water regulating valves
- Injection unit fixed safety guard

Others

规格表 Specifications

	Item		1000JSe II			1200JSe II			1300JSe II			1400JSe II			1600JSe II			1850JSe II			2100JSe II			2550JSe II			2850JSe II			3350JSe II			4000JSe II		
螺杆直径	Screw diameter	mm	100	110	125	100	110	125	110	125	140	110	125	140	125	135	145	160	135	145	160	140	160	180	160	180	200	180	200	225	215	240	260		
理论射胶容积	Theoretical shot volume	cm ³	3848	4657	6013	3848	4657	6013	5293	6835	8574	5293	6835	8574	7915	9232	10651	9232	10651	12969	9232	10651	12969	11238	14678	18576	15281	19340	23876	22902	28274	35785	45381	56775	69021
射胶量(PS)	Shot weight (PS)	g	3464	4191	5412	3464	4191	5412	4764	6152	7717	4764	6152	7717	7124	8309	9586	8309	9586	11672	8309	9586	11672	10114	13210	16719	13753	17406	21489	20612	25447	32206	40843	51097	62119
螺杆长径比	Length/Diameter ratio	L/D	22.3	20.0	17.7	22.3	20.0	17.7	21.6	20.0	18.5	21.6	20.0	18.5	23.0	21.1	19.7	21.1	19.7	17.8	21.1	19.7	17.8	24.9	22	19.5	23.0	20.7	18.4	22.2	20.0	18.2	21.7	22.0	20.0
射胶压力(高压低速)	Injection pressure(high pressure and low speed)	MPa	215	178	138	215	178	138	240	185	148	240	185	148	224	192	166	192	166	137	192	166	137	228	174	138	208	165	133	194	157	124	136	160	161
射胶压力(低压高速)	Injection pressure(low pressure and high speed)	MPa	156	129	100	156	129	100	183	142	113	183	142	113	174	149	129	149	129	106	149	129	106	170	130	103	164	130	105	159	128	101	111	127	129
射胶速率(高压低速)	Injection rate(high pressure and low speed)	cm ³ /sec	671	812	1048	745	902	1164	804	1038	1302	804	1038	1302	1074	1253	1445	1253	1445	1760	1253	1445	1760	1155	1508	1909	1262	1597	1972	1823	2251	2849	2601	3118	3580
射胶速率(低压高速)	Injection rate(low pressure and high speed)	cm ³ /sec	925	1119	1445	1028	1243	1606	1053	1360	1706	1053	1360	1706	1386	1617	1865	1617	1865	2271	1617	1865	2271	1548	2021	2558	1602	2028	2503	2225	2748	3477	3175	3905	4478
熔胶率(PS)	Plasticizing capacity (PS)	g/s	93	118	154	93	118	154	108	153	186	108	153	186	161	199	236	190	226	258	190	226	258	134	189	243	174	230	281	217	259	329	324	404	330
射胶行程	Injection stroke	mm	490			490			557			557			645			645			645			730			760			900			1250	1255	1300
螺杆转速	Screw speed	rpm	115			115			105			105			110			106	98		106	98		65			60			55			45	40	
射台拉力	Injection unit force	ton	20.0			20.0			20.0			20.0			29.5			29.5			29.5			31.7			31.7			31.7			34	34	
射台行程	Carriage stroke	mm	920			980			1000			1000			1050			1100			1200			1330			1370			1550			1770	1770	
锁模力	Clamping force	ton	1000			1200			1300			1400			1600			1850			2100			2550			2850			3350			4000	4000	
开模力(高压油缸开模)	Opening force	ton	106.1			130.7			139.6			149.4			166.5			184.6			233.8			269.4			300.3			352.3			432.7	432.7	
开模力(移模油缸开模)	Opening force	ton	34.7			42			42.9			43.7			48.2			49.1			50			53.9			53.9			70.3			109.9	109.9	
模板最大间距	Max. daylight	mm	2400			2650			2800			3050			3100			3200			3500			3600			3960			4160			4370	4370	
开模行程	Clamping stroke	mm	1200-1800			1400-2050			1500-2200			1650-2350			1700-2400			1700-2450			1800-2700			1900-2800			2080-3060			2160-3160			2260-3270	2260-3270	
四柱间距	Distance btwn. Tie bars	mm	1210X1060			1310X1160			1410X1260			1460X1360			1560X1410			1660X1560			1850X1600			1900X1700			2000X1800			2160X1900			2420?2020	2420?2020	
最小模具尺寸	Min mould dimension	mm	840x740			910x810			980x880			1020x950			1090x990			1160x1090			1295X1120			1330X1190			1400X1260			1510X1330			1690X1410	1690X1410	
容模量	Mould thickness range	mm	600~1200			600~1250			600~1300			700~1400			700~1400			750~1500			800~1700			900~1880			1000~2000			1100~2110	1100~2110				
顶针力	Ejector force	ton	21.5			21.5			25			25			36			36			36			36.3			53.9			61.8			61.8	61.8	
顶针行程	Ejector stroke	mm	300			350			350			350			350			400			400			400			450			550			550	550	
顶针数	No. of ejector pins	unit	21			21			29			29			29			33			25			21			21			29			29	29	
干周期 (欧规 6)	Dry Cycle (Euromap 6)	s	5.7			6.5			6.8			7.1			7.5			8.6			9.8			11.2			12.5			13.2			15.4	15.4	
主马达功率	Major motor	kW	105.2			113.6			132.5			132.5			159.7			159.7			159.7			183.6			183.6			237.1			237.1	385.8	
系统压力	System pressure	MPa	17.5,22.1			17.5,22.1			17.5,22.6</td																										

模板/射嘴尺寸 Platen / Nozzle Dimensions

