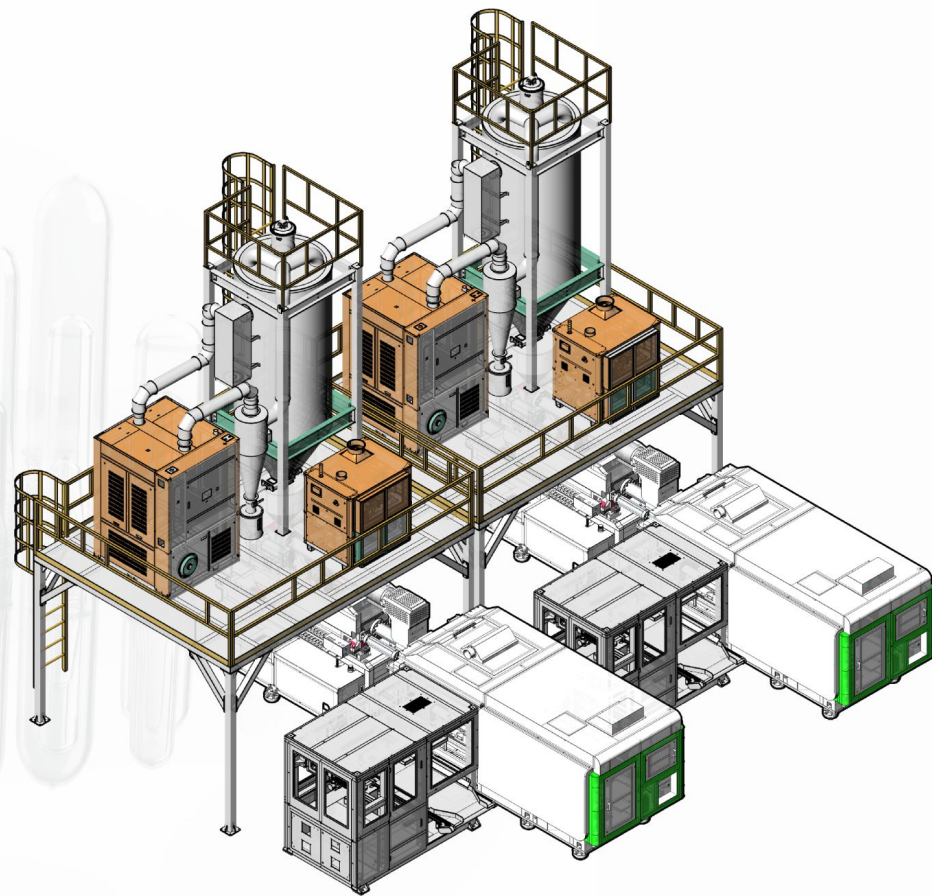


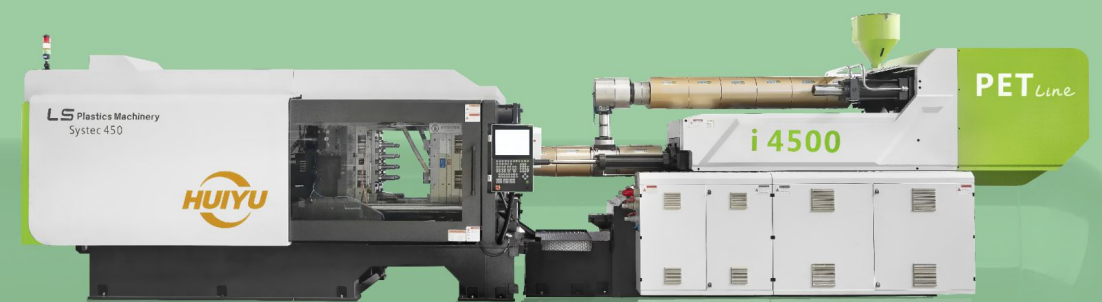
力松®—让增效降本发生



PET

PET 注胚系统

2,000~5,000kN



PET-PREFORM INJECTION SYSTEM

2025年6月 修订

LISONG 力松®

宁波力松注塑科技有限公司

地址：浙江省余姚市三七市魏家浦路99号

电话：0574-62986888

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NINGBO LISONG INJECTION MOLDING
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国家高新技术
National High tech

专精特新企业
Specialized and innovative enterprise

ISO9001:2015质量管理体系认证
ISO9001:2015 Quality Management System Certification



宁波力松注塑科技有限公司专业从事高速精密自动注塑成型系统、自动化系统框架和安全、注塑人工智能和工业4.0开发及其应用的研制。

公司以技术革新为驱动力，由国家千人计划专家领衔国内技术研发团队，引入一批曾就职于HUSKY、KBASE INC的高级技术人才，领导公司技术革新与开拓前沿市场。同时，依托加拿大新锐工业自动化控制企业，在高速精密注塑设备自动化、注塑机应用行业的工厂自动化等领域为来自全球的客户提供专业的注塑机整体系统解决方案和智能化方案。

力松致力于为客户创造更多价值，让增效降本发生！

Ningbo Lisong Injection Moulding Technology Co., Ltd. specialises in high-speed injection moulding systems, automation and Industry 4.0.

The company is led by experts from the National Thousand Talents Programme. They are responsible for leading the domestic technology research and development team. They have also brought in a group of senior technical talents from HUSKY and KBASE INC. These people are leading the company's technological innovation and exploring new markets. Lisong also works with Canadian companies to provide customers with injection moulding machine solutions.

Lisong is committed to creating more value for customers and making efficiency and cost reduction happen!

关于力松 / About US



✓ 免维护合模系统
合模区0油污

✓ 模板稳定性高

✓ 低压模具保护

✓ PET专用双螺杆结构
注射快速精密

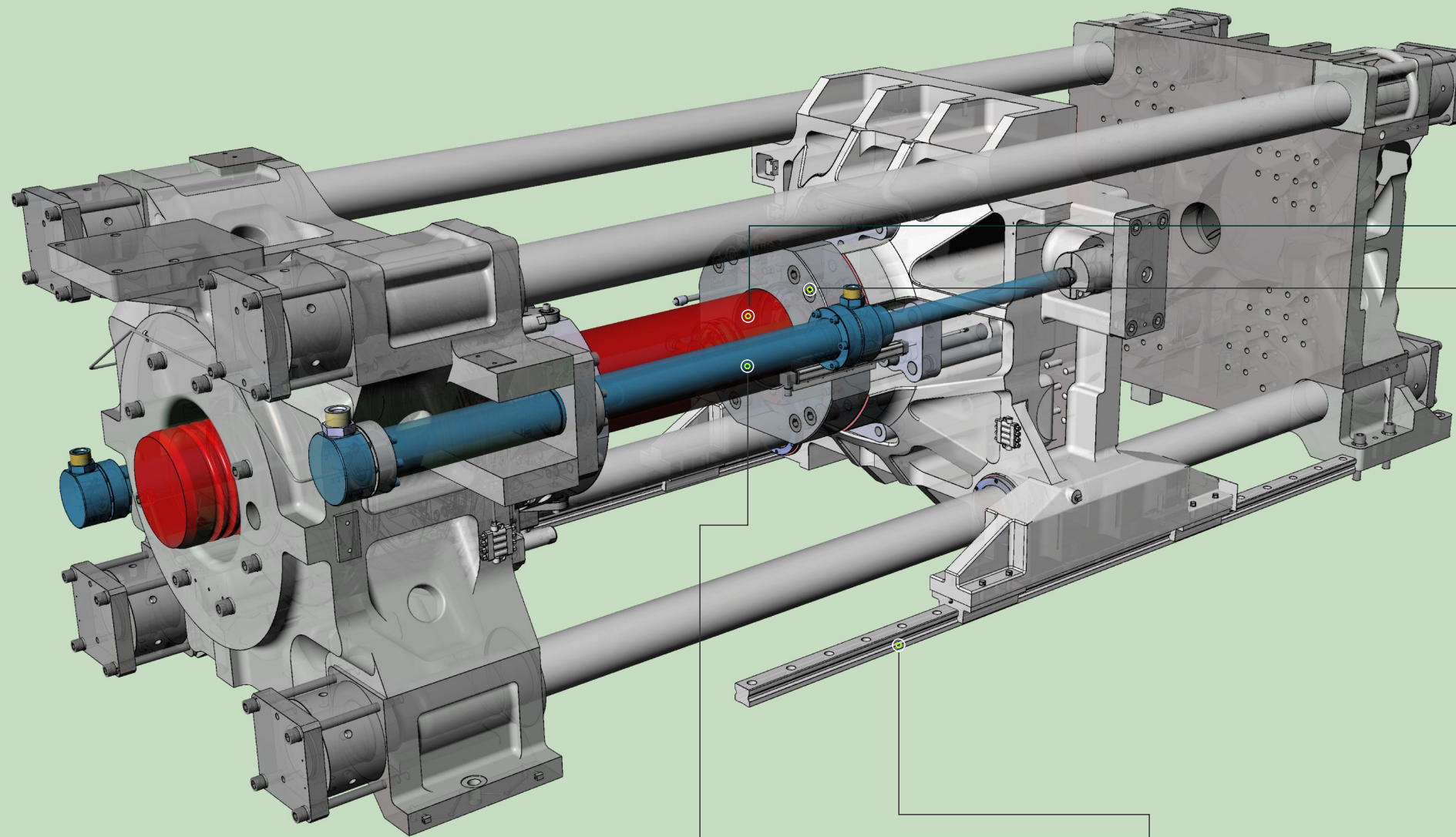
- Maintenance Free Mold Clamping System
No oil stains in mold clamping area
- High Template Stability
- Low Pressure Mold Protection
- PET Special Twin-screw Structure

Beyond · 超越
Innovate · 创新
Quick response · 快速响应
Reasonable price · 合理的价格

PET 注胚系统
PET-PREFORM INJECTION SYSTEM

Clamping Systems

合模系统

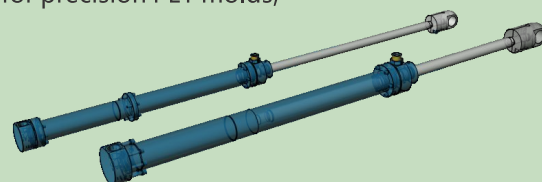


低压模具保护

Low Pressure Mold Protection

超级灵敏的低压模具保护（合模力只有锁模力的1/30），对精密PET 模具有效保护；

Super sensitive low pressure mold protection (clamping force is only 1/30 of clamping force), effective protection for precision PET molds;



低摩擦力的直线导轨

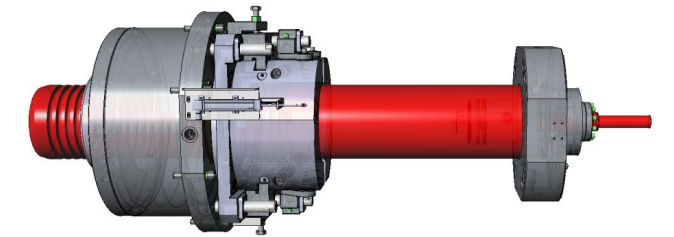
Low Friction Linear Guide Rail

免维护合模系统

Maintenance free mold clamping system

免维护合模系统保障长期稳定生产，合模区无润滑油污染，有效保护制品的食品安全；

The maintenance free mold clamping system ensures long-term stable production and effectively protects the food safety of products in the mold clamping area without lubricating oil pollution

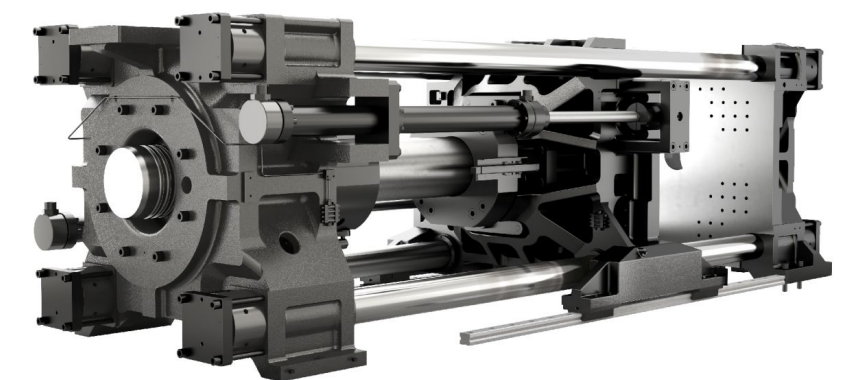


直压锁模

Direct Pressure Locking Mold

直压锁模，模板变形小，机器平行度跟随模具，保障每腔产品的一致性；

Direct pressure locking mold, with minimal template deformation and machine parallelism following the mold, ensuring consistency of each cavity product.



PET专用双螺杆结构

PET Special Twin-screw Structure

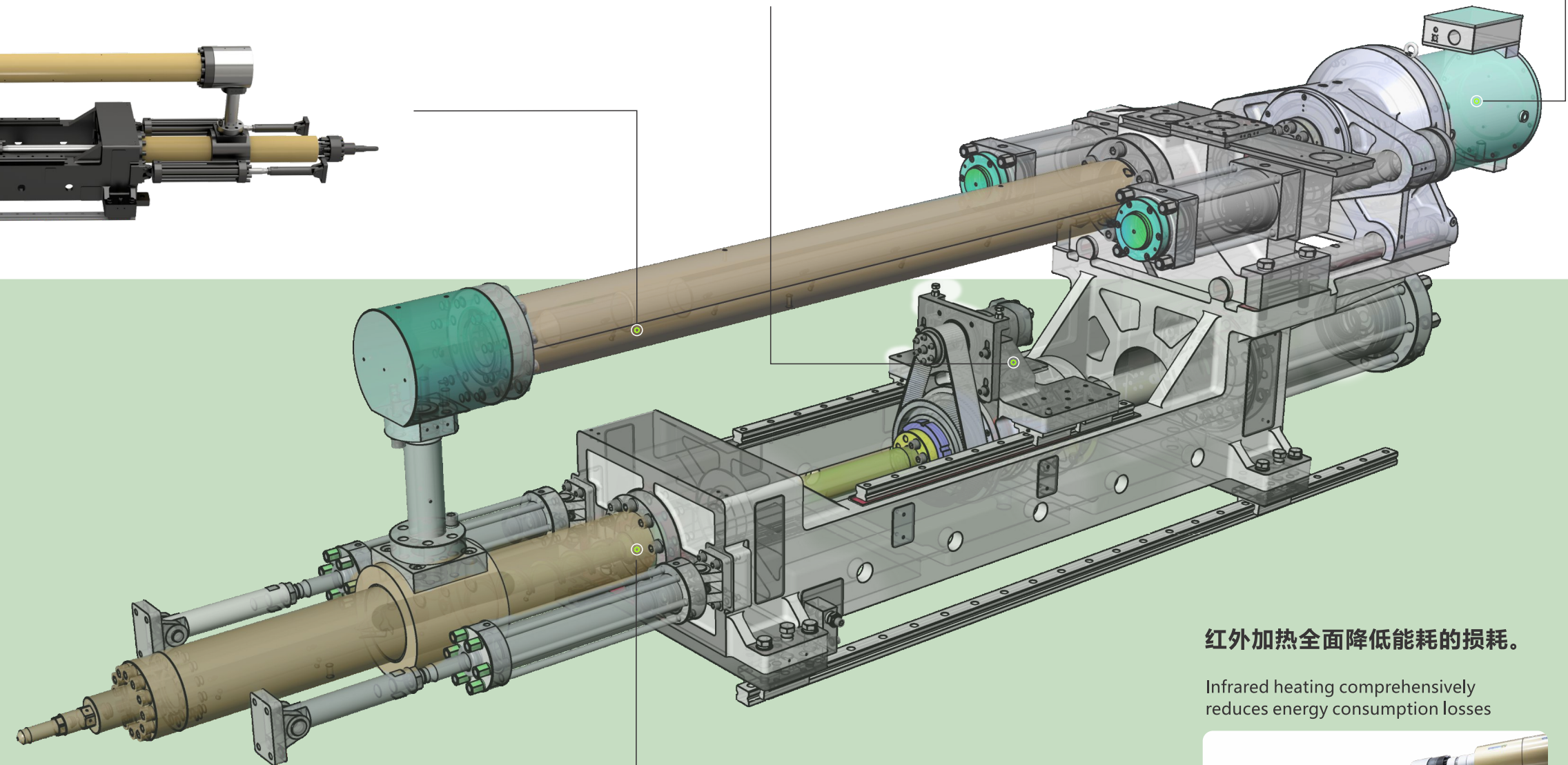
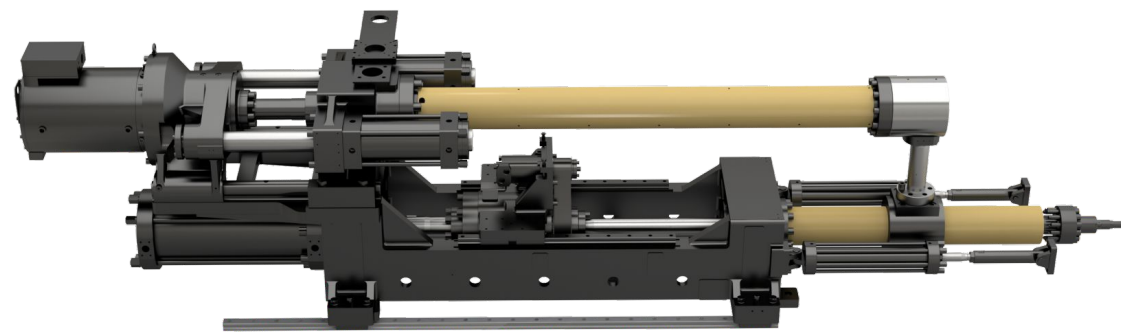
PET专用双螺杆结构，保障注射快速精密的特点，储料低转速高塑化有效控制AA值；

PET special twin-screw structure ensures fast and precise injection, with low material storage speed and high plasticization, controlling AA value.

双螺杆结构具有注射保压同步储料功能，有效保障塑化的均匀性，以及产品的完美，有效的减少周期时间；

The twin-screw structure has the function of injection pressure holding and synchronous material storage, effectively ensuring the uniformity of plasticization and the perfection of the product, effectively reducing cycle time.

伺服电机储料
Servo motor material storage



Injection Systems

注射系统

红外加热全面降低能耗的损耗。

Infrared heating comprehensively reduces energy consumption losses



Technical Data LS 1000/200... LS 2000/280... 技术参数



Ningbo LiSong Injection Technology Co.,Ltd.

Clamping unit	合模装置	
Clamping force	合模力	[KN]
Locking force	锁模力	[KN]
Max.daylight	最大模板间距	[mm]
Min.mould height	最小模厚	[mm]
Max.mould height	最大模厚	[mm]
Mould platen(hxv)	模板尺寸 (水平 × 垂直)	[mm]
Distance between tie bars(h × v)	拉杆间距 (水平 × 垂直)	[mm]
Ejection stroke	顶出行程	[mm]
Ejection force	顶出力	[KN]
Max.Number of cavities	最大腔数	

Injection unit	注射装置	
Screw diameter	螺杆直径	[mm]
Screw geometry	螺杆形状	
L / D ratio	长径比	
Injection screw diameter	注射螺杆直径	[mm]
Spec.injection Pressure. (up to 400°C)	注射压力 (至 400°C)	[bar]
Max. cylinder head volume	理论注射容积	[cm ³]
Max. shot weight (PET)	最大注射量(PET)	[g]
Max. Rate of injection	最大注射速率	[cm ³ /s]
Injection speed (Max. plasticizing capacity)	注射速度 (最大塑化能力)	[mm/s]

Plasticizing rate(PET)	塑化率(PET)
> Motor	> 马达 [g/s]
> Electric screw drive (optional*)	> 电动螺杆 (选配*) [g/s]
Max.screw stroke	最大螺杆行程 [mm]
Max. nozzle dipping depth(SVO)	最大喷嘴伸出模板长度(SVO) [mm]
Number of heating zones	加热段数量
Hopper capacity	料斗容积 [ltr.]

General data	综合数据
Oil tank capacity	油箱容量 [ltr.]
Installed electrical rating	额定电气功率
> Capacity with hydraulic drive	> 液压驱动功率 [≈ kW]
> Heating capacity of screw cylinder	> 料筒加热功率 [≈ kW]
> Electric screw drive (optional [*])	> 电动螺杆 (选配 [*]) [≈ kW]
> Capacity with electr drive	> 电器总功率 [kW]
Net weight (without oil)	机器净重 (不含油) [≈ kg]
Machine dimensions(l × w × h)	机器尺寸 (l × w × h) [≈ m]

PET 1000/200	PET 1400/200	PET 1400/280	PET 2000/280
2000-1150	2000-1610	2800-1610	2800-2350

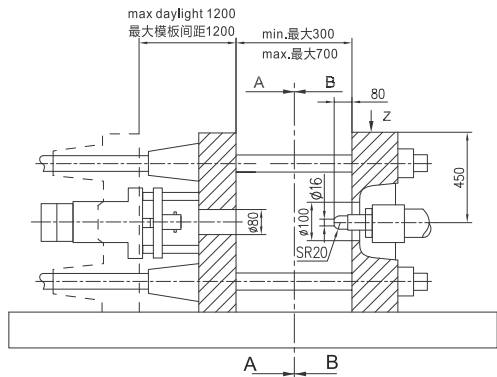
200/580	280/630
90	100
2000	2800
1200	1250
300	300
700	700
850x850	940x940
580x580	630x630
160	175
99	110
24 (4x6)	32 (4x8)

1150	1610	1610	2350
60	65	65	78
standard 标准	standard 标准	standard 标准	standard 标准
25	25	25	25
1361	1367	1367	1391
848	1178	1178	1696
1018	1414	1414	2035
430	428	557	550
152	129	168	115

50	55	55	77
72*	91*	91*	138*
300	355	355	355
80	80	80	80
5	6	6	6
35	70	70	70

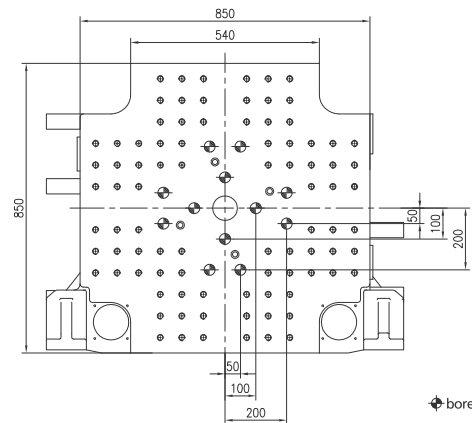
200/580-1150	200/580-1610	280/630-1610	280/630-2350
250		280	
37	37	45	45
33.3	36.8	36.8	40.3
22 [*]	30 [*]	30 [*]	30 [*]
92.3	103.8	111.8	115.3
11000	11500	12500	13200
6.3x1.6x1.9	6.4x1.6x2.0	6.5x1.62x2.0	6.75x1.62x2.0

Technical Data LS 200 PET 模板尺寸



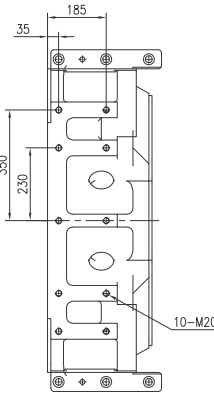
Movable platen 动模板

B - B



⊕ bore diameter Ø36mm through holes

⌀ 36mm直径通孔



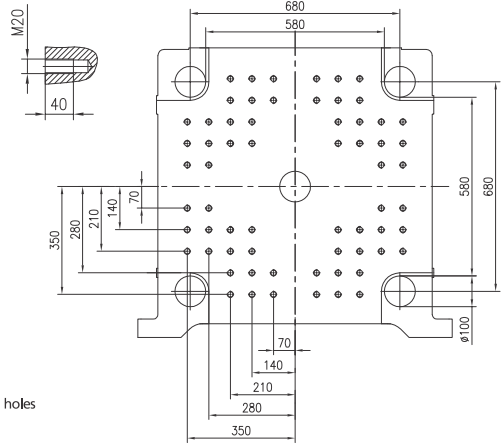
Z Hole pattern for robot/sprue picker on

fixed platen

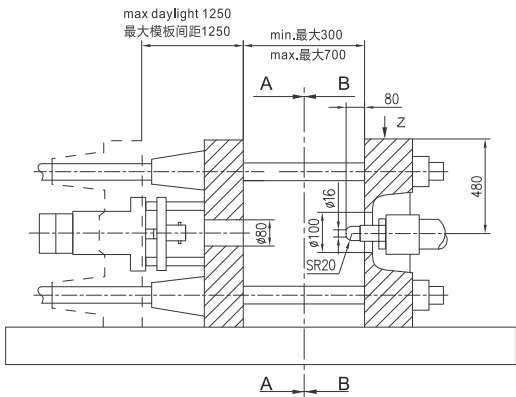
定模板上的机械手/料头取出机预留孔

Fixed platen 定模板

A - A

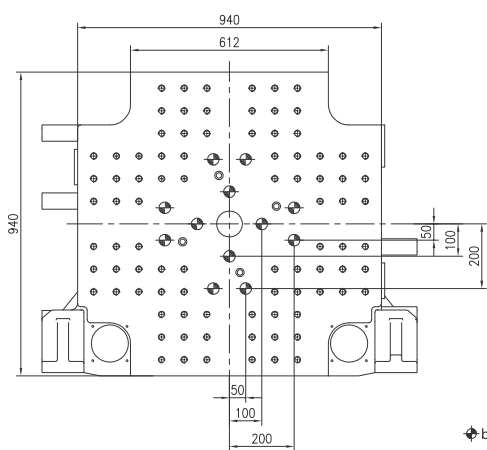


Technical Data LS 280 PET 模板尺寸



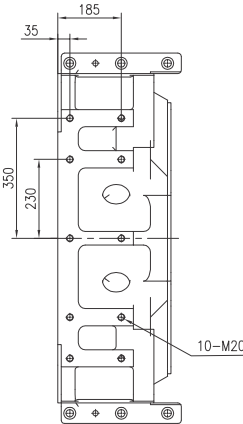
Movable platen 动模板

B - B



⊕ bore diameter Ø36mm through holes

⌀ 36mm直径通孔



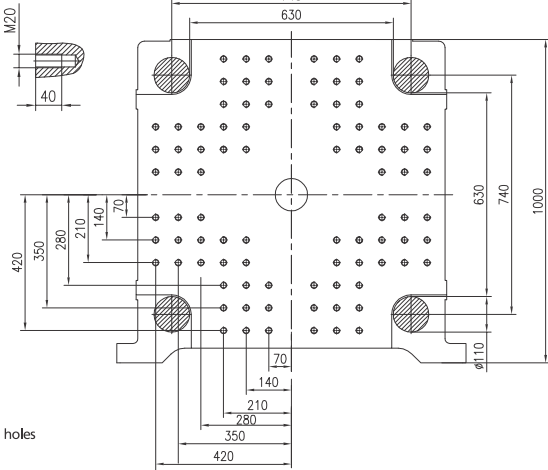
Z Hole pattern for robot/sprue picker on

fixed platen

定模板上的机械手/料头取出机预留孔

Fixed platen 定模板

A = A



PET

Technical Data LS 2000/320 LS ...3600/320

技术参数

Ningbo LiSong Injection Technology Co.,Ltd.	
International size description	国际标准尺寸

Clamping unit	合模装置	
Clamping force	合模力	[KN]
Locking force	锁模力	[KN]
Max.daylight	最大模板间距	[mm]
Min.mould height	最小模厚	[mm]
Max.mould height	最大模厚	[mm]
Mould platen(hxv)	模板尺寸 (水平 × 垂直)	[mm]
Distance between tie bars(h × v)	拉杆间距 (水平 × 垂直)	[mm]
Ejection stroke	顶出行程	[mm]
Ejection force	顶出力	[KN]
Max.Number of cavities	最大腔数	

Injection unit	注射装置	
Screw diameter	螺杆直径	[mm]
Screw geometry	螺杆形状	
L / D ratio	长径比	
Injection screw diameter	注射螺杆直径	[mm]
Spec.injection Pressure. (up to 400℃)	注射压力 (至 400℃)	[bar]
Max. cylinder head volume	理论注射容积	[cm³]
Max. shot weight (PET)	最大注射量 (PET)	[g]
Max. Rate of injection	最大注射速率	[cm³/s]
Injection speed (Max. plasticizing capacity)	注射速度 (最大塑化能力)	[mm/s]

Plasticizing rate(PET)	塑化率(PET)	
> Motor	> 马达	[g/s]
> Electric screw drive (optional*)	> 电动螺杆 (选配*)	[g/s]
Max.screw stroke	最大螺杆行程	[mm]
Max. nozzle dipping depth(SVO)	最大喷嘴伸出模板长度(SVO)	[mm]
Number of heating zones	加热段数量	
Hopper capacity	料斗容积	[ltr.]

General data	综合数据	
Oil tank capacity	油箱容量	[ltr.]
Installed electrical rating	额定电气功率	
> Capacity with hydraulic drive	> 液压驱动功率	[≈ kW]
> Heating capacity of screw cylinder	> 料筒加热功率	[≈ kW]
> Electric screw drive (optional*)	> 电动螺杆(选配*)	[≈ kW]
> Capacity with electr drive	> 电器总功率	[kW]
Net weight (without oil)	机器净重 (不含油)	[≈ kg]
Machine dimensions(l × w × h)	机器尺寸 (l × w × h)	[≈ m]

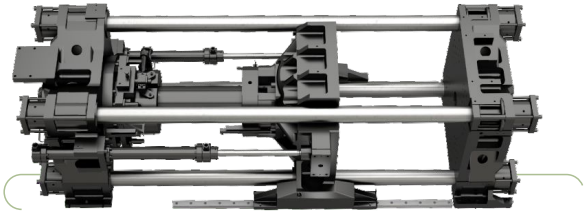
PET 2000/320	PET 3000/320	PET 3400/320	PET 3600/320
3200-2350	3200-3500	3200-3820	3200-4300

320/680	
	123
	3200
	1250
	350
	750
	1010x1010
	680x680
	200
	158
	64 (4x16)

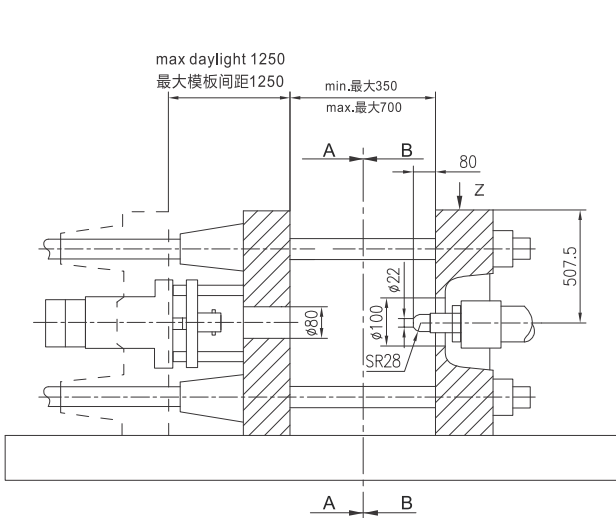
2350	3500	3820	4300
78	85	90	100
standard 标准	standard 标准	standard 标准	standard 标准
25	25	25	25
			80
1391	1384	1335	1440
1696	2554	2863	3016
2035	3065	3436	3619
631	636	662	1056
132	112	104	210

77	102	126	
138*	163*	201*	222
355	450	450	600
80	80	80	80
6	7	7	12
70	110	110	110

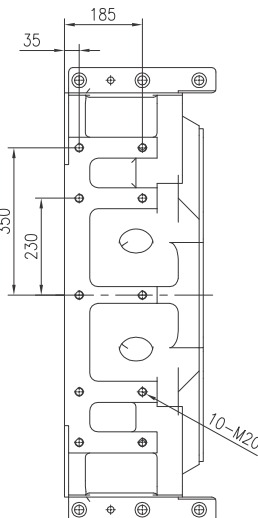
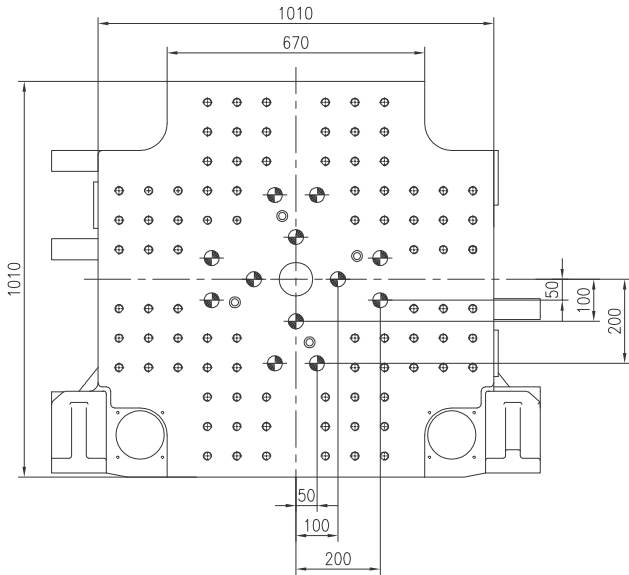
320/680-2350	320/680-3500	320/680-3820	320/680-4300
320			
55	55	55	55+45+30
40.3	49	53.3	82.5
30*	37*	45*	90*
125.3	141	153.3	302.5
15700	16300	16800	16500
6.8x1.8x2.3	7.0x1.8x2.3	7.15x1.8x2.5	7.25*1.8*2.9



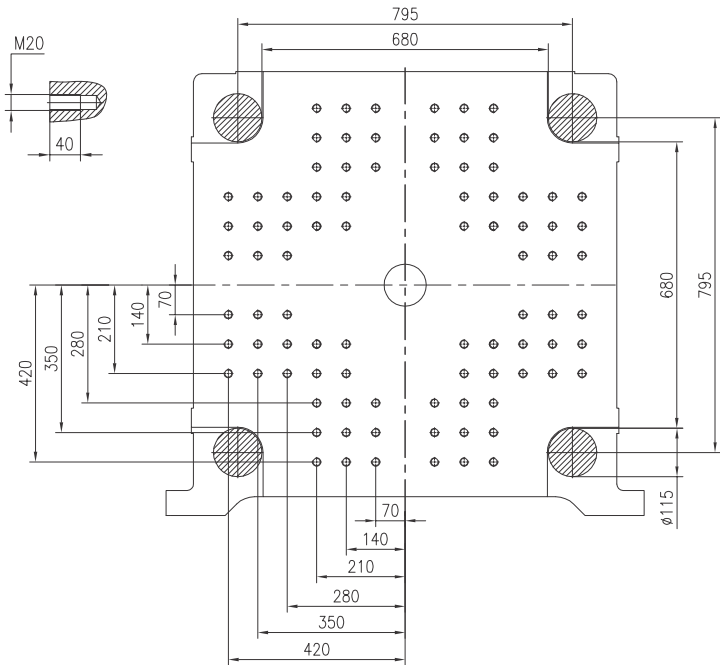
Technical Data LS 320 PET 模板尺寸



Movable platen 动模板
B - B



Fixed platen 定模板
A - A



⌀ bore diameter Ø36mm through holes
⌀ Ø 36mm直径通孔

PET

Technical Data LS 2000/380 LS ...4500/380

技术参数

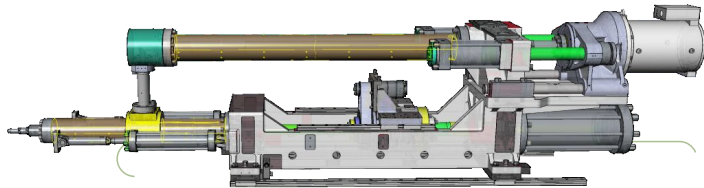
Ningbo LiSong Injection Technology Co.,Ltd.		PET 2000/380	PET 3000/380	PET 3400/380	PET3600/380	PET4500/380
International size description	国际标准尺寸	3800-2350	3800-3500	3800-3820	3800-4300	3800-4300

Clamping unit	合模装置		380/730			
Clamping force	合模力	[KN]	123			
Locking force	锁模力	[KN]	3800			
Max.daylight	最大模板间距	[mm]	1250			
Min.mould height	最小模厚	[mm]	350			
Max.mould height	最大模厚	[mm]	750			
Mould platen(hxv)	模板尺寸 (水平 × 垂直)	[mm]	1050x1190			
Distance between tie bars(h × v)	拉杆间距 (水平 × 垂直)	[mm]	730x830			
Ejection stroke	顶出行程	[mm]	200			
Ejection force	顶出力	[KN]	158			
Max.Number of cavities	最大腔数		72 (6x12)			

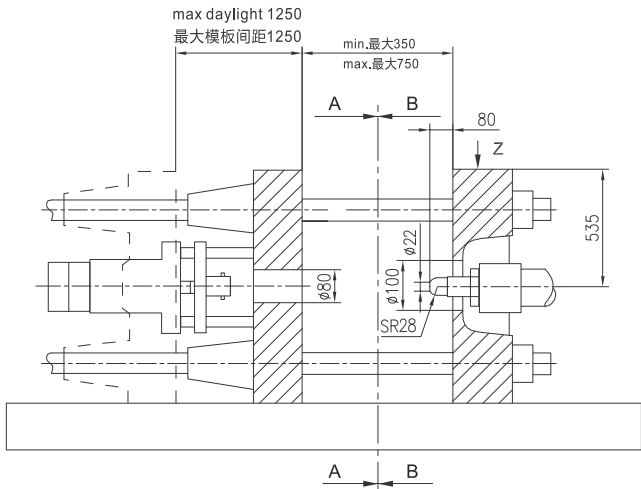
Injection unit	注射装置		2350	3500	3820	4300	4300
Screw diameter	螺杆直径	[mm]	78	85	90	100	100
Screw geometry	螺杆形状		standard 标准	standard 标准	standard 标准	standard 标准	standard 标准
L / D ratio	长径比		25	25	25	25	25
Injection screw diameter	注射螺杆直径	[mm]				80	90
Spec.injection Pressure. (up to 400℃)	注射压力 (至 400℃)	[bar]	1391	1384	1335	1440	1440
Max. cylinder head volume	理论注射容积	[cm ³]	1696	2554	2863	3016	3817
Max. shot weight (PET)	最大注射量 (PET)	[g]	2035	3065	3436	3619	4580
Max. Rate of injection	最大注射速率	[cm ³ /s]	669	675	700	1056	1183
Injection speed (Max. plasticizing capacity)	注射速度 (最大塑化能力)	[mm/s]	140	119	110	210	186

Plasticizing rate(PET)	塑化率(PET)						
> Motor	> 马达	[g/s]	77	102	126		
> Electric screw drive (optional [*])	> 电动螺杆 (选配 [*])	[g/s]	138 [*]	163 [*]	201 [*]	222	222
Max.screw stroke	最大螺杆行程	[mm]	355	450	450	600	600
Max. nozzle dipping depth(SVO)	最大喷嘴伸出模板长度(SVO)	[mm]	80	80	80	80	80
Number of heating zones	加热段数量		6	7	7	12	12
Hopper capacity	料斗容积	[ltr.]	70	110	110	110	110

General data	综合数据		380/730-2350	380/730-3500	380/730-3820	380/730-4300	380/730-4300
Oil tank capacity	油箱容量	[ltr.]	320				
Installed electrical rating	额定电气功率						
> Capacity with hydraulic drive	> 液压驱动功率	[≈kW]	75	75	75	55+45+30	55+55+30
> Heating capacity of screw cylinder	> 料筒加热功率	[≈kW]	40.3	49	53.3	82.5	90.5
> Electric screw drive (optional [*])	> 电动螺杆 (选配 [*])	[≈kW]	30 [*]	37 [*]	45 [*]	90 [*]	90 [*]
> Capacity with electr drive	> 电器总功率	[kW]	145.3	161	173.3	302.5	320.5
Net weight (without oil)	机器净重 (不含油)	[≈kg]	18500	19200	19800	19500	19900
Machine dimensions(l × w × h)	机器尺寸 (l × w × h)	[≈m]	7.5x1.95x2.3	7.85x1.95x2.3	8.0x1.95x2.5	8.1x1.95x3.0	8.1*1.95*3.0

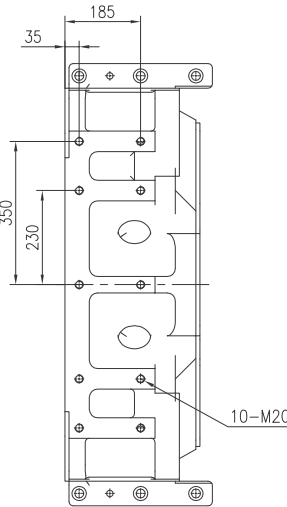
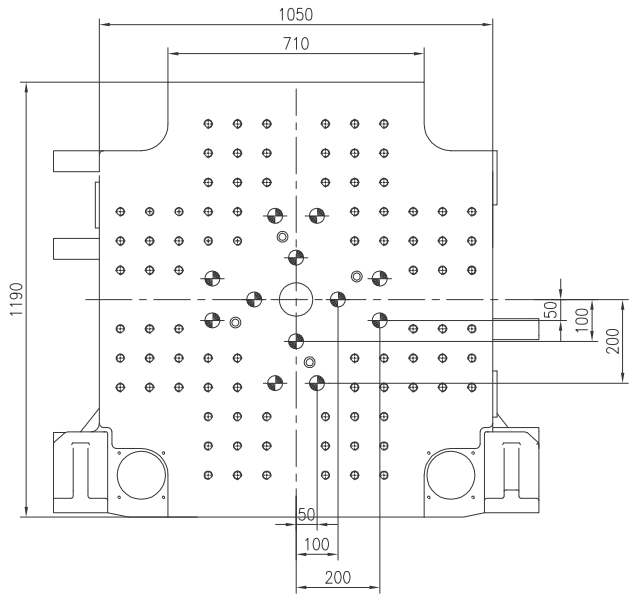


Technical Data LS 380 PET 模板尺寸



Movable platen 动模板

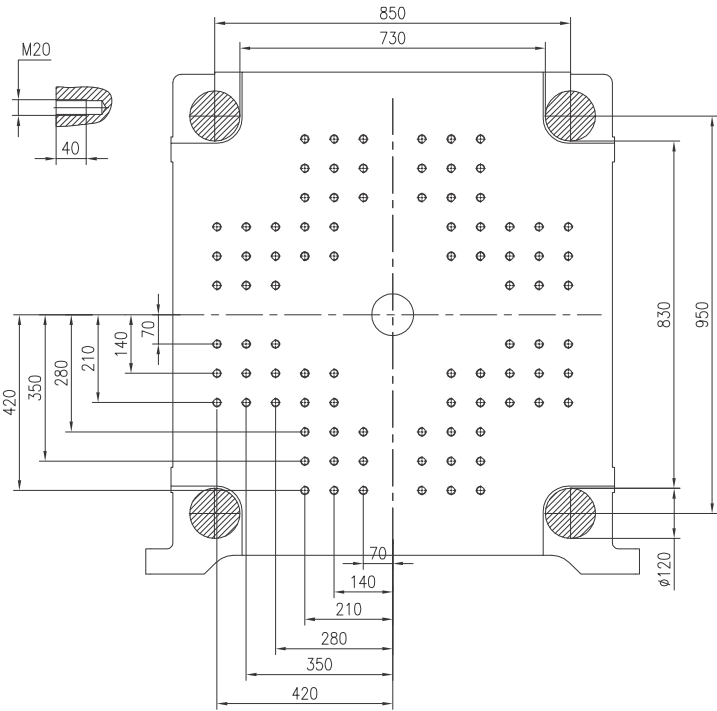
B - B



Z Hole pattern for robot/sprue picker on fixed platen
定模板上的机械手/料头取出机预留孔

Fixed platen 定模板

A - A



⌀ bore diameter ⌀36mm through holes

⌀ ⌀36mm直径通孔

PET

Technical Data LS 3000/450 LS ...5600/450

技术参数

Ningbo LiSong Injection Technology Co.,Ltd.		PET3000/450	PET3400/450	PET5100/450	PET6200/450	PET3600/450	PET4500/450	PET4500/450	PET5600/450
International size description	国际标准尺寸	4500-3500	4500-3820	4500-5810	4500-7070	4500-4300	4500-4300	4500-5500	4500-6780

Clamping unit	合模装置	450/780							
Clamping force	合模力	140							
Locking force	锁模力	4500							
Max.daylight	最大模板间距	1550							
Min.mould height	最小模厚	400							
Max.mould height	最大模厚	750							
Mould platen(hxv)	模板尺寸(水平 × 垂直)	1140x1140							
Distance between tie bars(h × v)	拉杆间距(水平 × 垂直)	780x780							
Ejection stroke	顶出行程	250							
Ejection force	顶出力	200							
Max.Number of cavities	最大腔数	72 (6x12)~96 (6x16)							

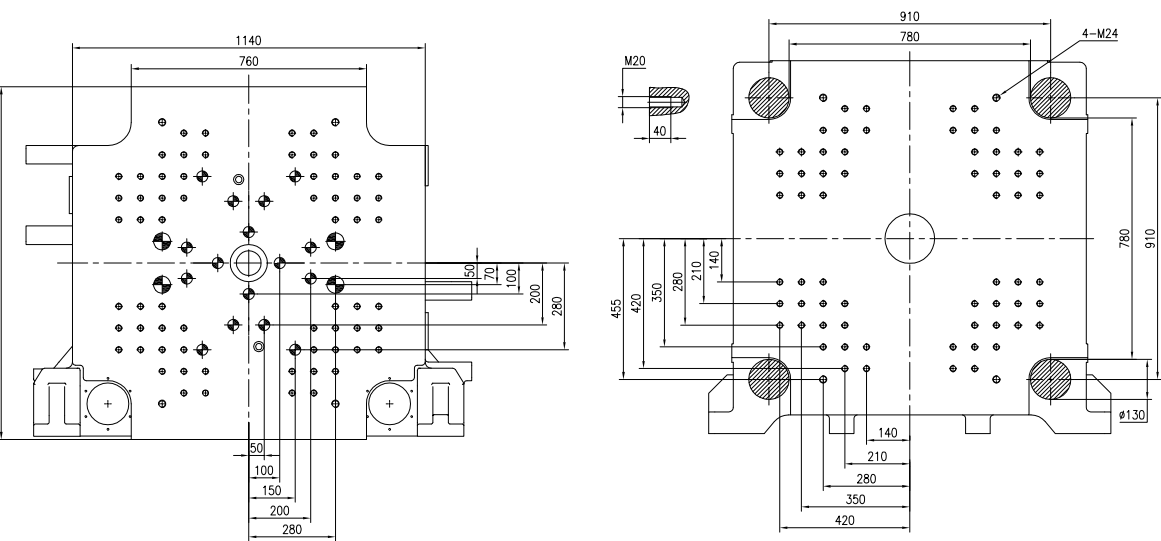
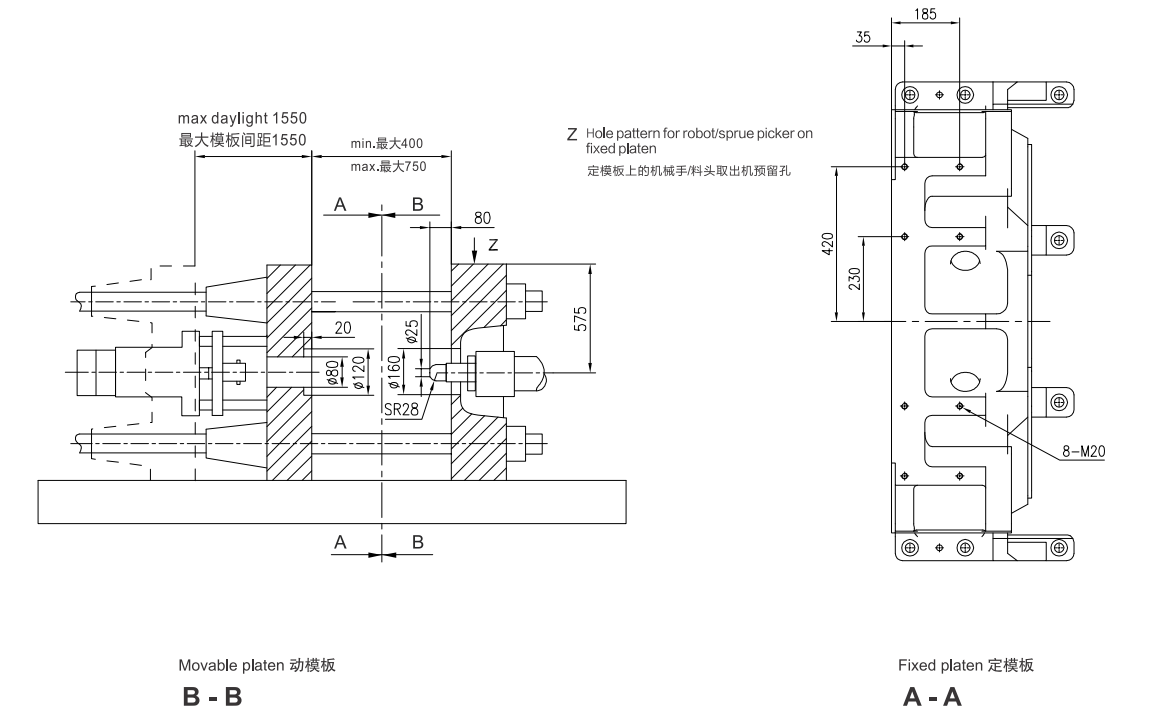
Injection unit	注射装置	3500	3820	5810	7070	4300	4300	5500	6780
Screw diameter	螺杆直径	85	90	100	110	100	100	110	110
Screw geometry	螺杆形状	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准
L / D ratio	长径比	25	25	25	25	25	25	25	25
Injection screw diameter	注射螺杆直径					80	90	90	100
Spec.injection Pressure. (up to 400℃)	注射压力(至 400℃)	1384	1335	1346	1354	1440	1440	1440	1440
Max. cylinder head volume	理论注射容积	2554	2863	4320	5227	3016	3817	3817	4712
Max. shot weight (PET)	最大注射量(PET)	3065	3436	5184	6272	3619	4580	4580	5654
Max. Rate of injection	最大注射速率	743	827	1092	1178	1056	1183	1183	1186
Injection speed (Max. plasticizing capacity)	注射速度 / 最大塑化能力	131	130	139	124	210	186	186	151

Plasticizing rate(PET)	塑化率(PET)								
> Motor	> 马达	102	126	158	187				
> Electric screw drive (optional*)	> 电动螺杆 (选配*)	163 *	201 *	222 *	249 *	222	222	249	249
Max.screw stroke	最大螺杆行程	450	450	550	550	600	600	600	600
Max. nozzle dipping depth(SVO)	最大喷嘴伸出模板长度(SVO)	80	80	80	80	80	80	80	80
Number of heating zones	加热段数量	7	7	7	7	12	13	12	13
Hopper capacity	料斗容积	110	110	110	110	110	110	110	110

General data	综合数据								
Oil tank capacity	油箱容量	380							
Installed electrical rating	额定电气功率								
> Capacity with hydraulic drive	> 液压驱动功率	75	45+22+30	45+45+30	55+45+30	55+45+30	55+55+30	55+55+30	55+55+30
> Heating capacity of screw cylinder	> 料筒加热功率	49	53.3	63	68	82.5	90.5	98.8	104
> Electric screw drive (optional*)	> 电动螺杆(选配*)	37 *	45 *	55 *	55 *	90 *	90 *	90 *	90 *
> Capacity with electr drive	> 电器总功率	161	189.5	238	253	302.5	320.5	328.8	334
Net weight (without oil)	机器净重(不含油)	24900	25100	25800	26000	23800	24200	25600	25800
Machine dimensions(l × w × h)	机器尺寸 (l × w × h)	9.1*2.1*2.6	9.2*2.1*2.6	9.8*2.1*2.6	10.1*2.1*2.6	9.25*2.1*3.1	9.25*2.1*3.1	9.72*2.1*3.15	9.72*2.1*3.15



Technical Data LS 450 PET 模板尺寸



⌀ bore diameter Ø36mm through holes
⌀ bore diameter Ø55mm through holes

⌀ Ø 36mm直径通孔
⌀ Ø 55mm直径通孔

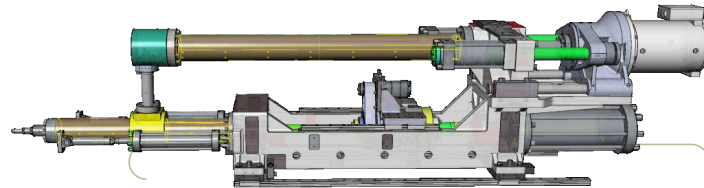
Technical Data LS 3000/480 LS ...3600/480技术参数

Ningbo LiSong Injection Technology Co.,Ltd.		PET3000/480	PET3400/480	PET5100/480	PET6200/480	PET3600/480	PET4500/480	PET4500/480	PET5600/480
International size description	国际标准尺寸	4800-3500	4800-3820	4800-5810	4800-7070	4800-4300	4800-4300	4800-5500	4800-6780

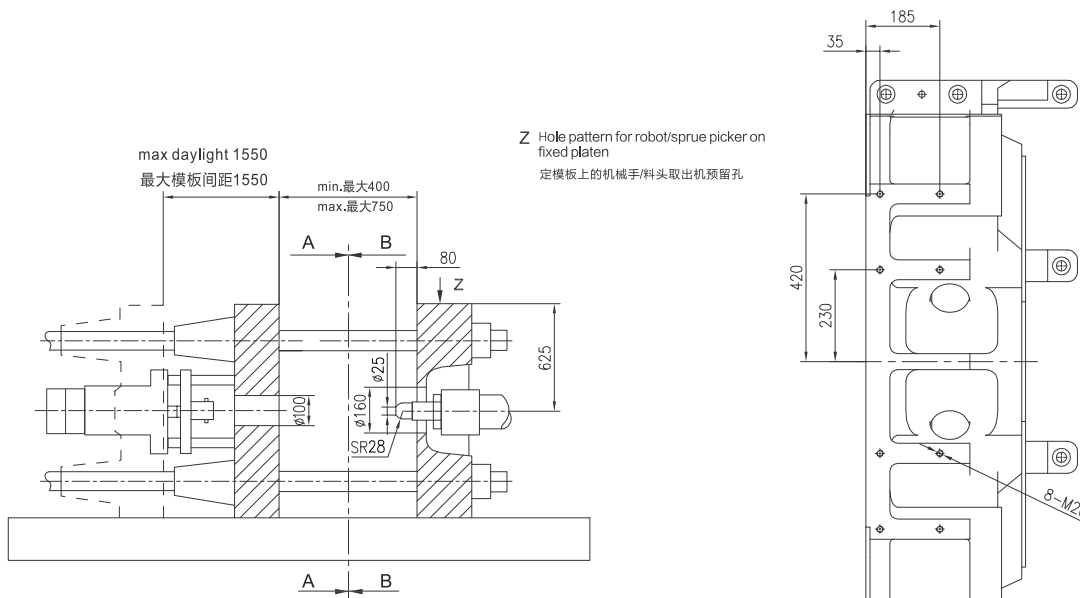
Clamping unit	合模装置		480/850
Clamping force	合模力	[KN]	140
Locking force	锁模力	[KN]	4800
Max.daylight	最大模板间距	[mm]	1550
Min.mould height	最小模厚	[mm]	400
Max.mould height	最大模厚	[mm]	750
Mould platen(hxv)	模板尺寸 (水平 × 垂直)	[mm]	1235x1235
Distance between tie bars(h × v)	拉杆间距 (水平 × 垂直)	[mm]	850x850
Ejection stroke	顶出行程	[mm]	250
Ejection force	顶出力	[KN]	230
Max.Number of cavities	最大腔数		72 (6x12)~96 (6x16)

Injection unit	注射装置	3500	3820	5810	7070	4300	4300	5500	6780
Screw diameter	螺杆直径 [mm]	85	90	100	110	100	100	110	110
Screw geometry	螺杆形状	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准
L / D ratio	长径比	25	25	25	25	25	25	25	25
Injection screw diameter	注射螺杆直径 [mm]					80	90	90	100
Spec.injection Pressure. (up to 400℃)	注射压力 (至 400℃) [bar]	1384	1335	1346	1354	1440	1440	1440	1440
Max. cylinder head volume	理论注射容积 [cm ³]	2554	2863	4320	5227	3016	3817	3817	4712
Max. shot weight (PET)	最大注射量 (PET) [g]	3065	3436	5184	6272	3619	4580	4580	5654
Max. Rate of injection	最大注射速率 [cm ³ /s]	743	827	1092	1178	1056	1183	1183	1186
Injection speed (Max. plasticizing capacity)	注射速度 (最大塑化能力) [mm/s]	131	130	139	124	210	186	186	151
Plasticizing rate(PET)	塑化率(PET)								
> Motor	> 马达 [g/s]	102	126	158	187				
> Electric screw drive (optional [*])	> 电动螺杆 (选配 [*]) [g/s]	163 [*]	201 [*]	222 [*]	249 [*]	222	222	249	249
Max.screw stroke	最大螺杆行程 [mm]	450	450	550	550	600	600	600	600
Max. nozzle dipping depth(SVO)	最大喷嘴伸出模板长度(SVO) [mm]	80	80	80	80	80	80	80	80
Number of heating zones	加热段数量	7	7	7	7	12	12	13	13
Hopper capacity	料斗容积 [ltr.]	110	110	110	110	110	110	110	110

General data		综合数据		480/850-3500	480/850-3820	480/850-5810	480/850-7070	480/850-4300	480/850-4300	480/850-5500	480/850-6780
Oil tank capacity	油箱容量	[ltr.]	420								
Installed electrical rating		额定电气功率									
> Capacity with hydraulic drive	> 液压驱动功率	[≈ kW]	75	45+22+30	45+45+30	55+45+30	55+45+30	55+55+30	55+55+30	55+55+30	55+55+30
> Heating capacity of screw cylinder	> 料筒加热功率	[≈ kW]	49	53.3	63	68	82.5	90.5	98.8	104	
> Electric screw drive (optional [*])	> 电动螺杆(选配 [*])	[≈ kW]	37	45	55	55 [*]	90 [*]	90 [*]	90 [*]	90 [*]	
> Capacity with electr drive	> 电器总功率	[kW]	161	189.5	238	253	302.5	320.5	328.8	334	
Net weight (without oil)	机器净重 (不含油)	[≈kg]	25600	25800	26400	26600	24500	24900	26300	26500	
Machine dimensions (l×w×h)	机器尺寸 (l×w×h)	[≈m]	9.2*2.15*2.6	9.3*2.15*2.6	9.9*2.15*2.6	10.2*2.15*2.6	9.28*2.15*3.1	9.28*2.15*3.1	9.8*2.15*3.15	9.8*2.15*3.15	

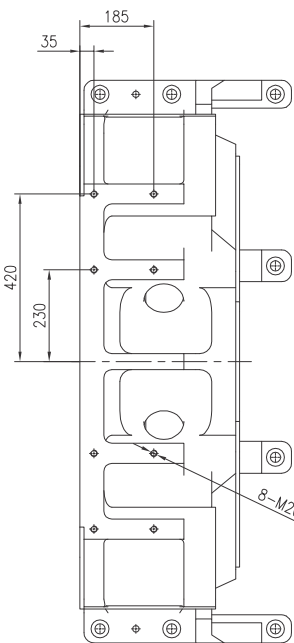


Technical Data LS 480 PET 模板尺寸



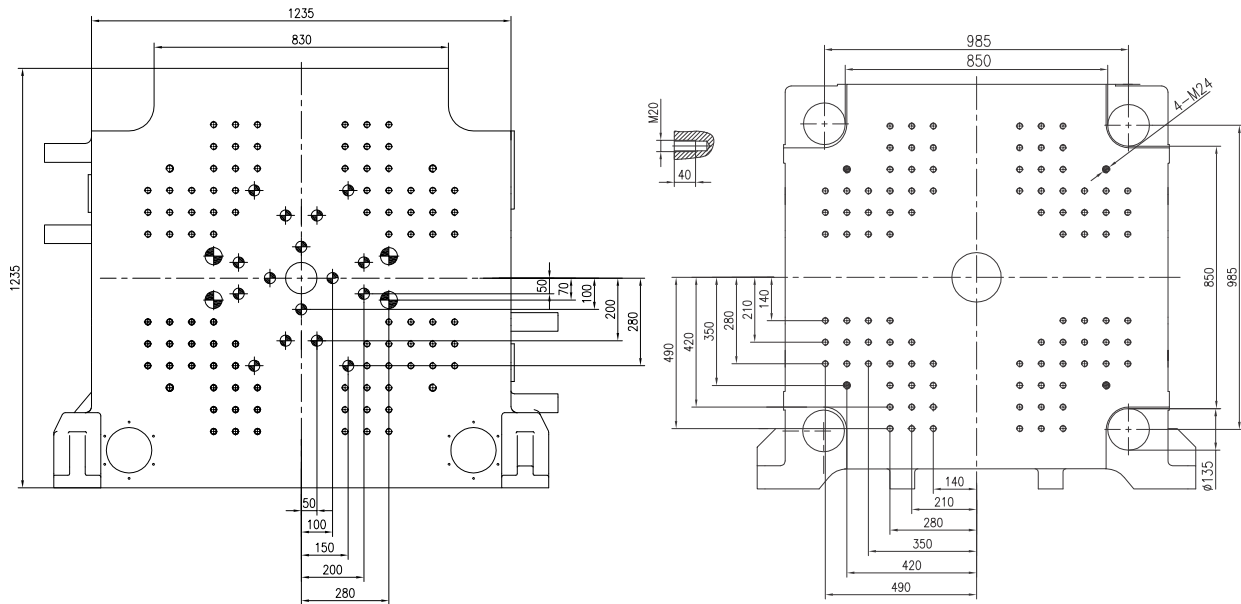
Movable platen 动模板

B - B



Fixed platen 定模板

A - A



⊕ bore diameter Ø36mm through holes

⊕ bore diameter Ø55mm through holes

⌀ 36mm直径通孔

⌀ 55mm直径通孔

Technical Data LS 5100/500 LS ...5600/500技术参数

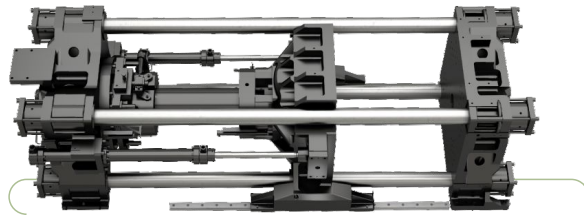
Ningbo LiSong Injection Technology Co.,Ltd.		PET5100/500	PET6200/500	PET7400/500	PET3600/500	PET4500/500	PET4500/500	PET5600/500
International size description	国际标准尺寸	5000-5810	5000-7070	5000-8460	5000-4300	5000-4300	5000-5500	5000-6780

Clamping unit	合模装置	500/960
Clamping force	合模力 [KN]	203
Locking force	锁模力 [KN]	5000
Max.daylight	最大模板间距 [mm]	1550
Min.mould height	最小模厚 [mm]	460
Max.mould height	最大模厚 [mm]	750
Mould platen(hxv)	模板尺寸 (水平 × 垂直) [mm]	1340x1340
Distance between tie bars(h × v)	拉杆间距 (水平 × 垂直) [mm]	960x960
Ejection stroke	顶出行程 [mm]	250
Ejection force	顶出力 [KN]	230
Max.Number of cavities	最大腔数	128 (8x16)~ 144 (12x12)

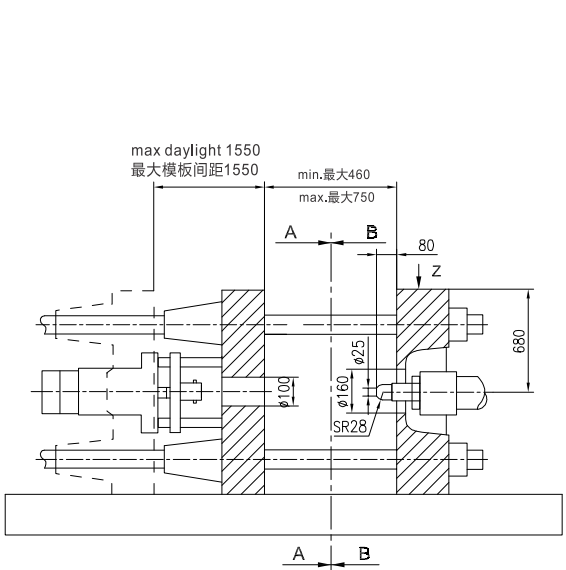
Injection unit	注射装置	5810	7070	8460	4300	4300	5500	6780
Screw diameter	螺杆直径 [mm]	100	110	120	100	100	110	110
Screw geometry	螺杆形状	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准
L / D ratio	长径比	25	25	25	25	25	25	25
Injection screw diameter	注射螺杆直径 [mm]				80	90	90	100
Spec.injection Pressure. (up to 400℃)	注射压力 (至 400℃) [bar]	1346	1354	1361	1440	1440	1440	1440
Max. cylinder head volume	理论注射容积 [cm ³]	4320	5227	6220	3016	3817	3817	4712
Max. shot weight (PET)	最大注射量(PET) [g]	5184	6272	7464	3619	4580	4580	5654
Max. Rate of injection	最大注射速率 [cm ³ /s]	1092	1235	1233	1056	1183	1183	1186
Injection speed (Max. plasticizing capacity)	注射速度 / 最大塑化能力 [mm/s]	139	130	109	210	186	186	151

Plasticizing rate(PET)	塑化率(PET)							
> Motor	> 马达	[g/s]	158	187				
> Electric screw drive (optional*)	> 电动螺杆 (选配*)	[g/s]	222 *	249 *	296 *	222	249	249
Max.screw stroke	最大螺杆行程	[mm]	550	550	550	600	600	600
Max. nozzle dipping depth(SVO)	最大喷嘴伸出模板长度(SVO)	[mm]	80	80	80	80	80	80
Number of heating zones	加热段数量		7	7	7	12	13	13
Hopper capacity	料斗容积	[ltr.]	110	110	110	110	110	110

General data		500/960-5810						
Oil tank capacity	油箱容量	580						
Installed electrical rating		500/960-7070						
> Capacity with hydraulic drive	> 液压驱动功率	500/960-8460						
> Heating capacity of screw cylinder	> 料筒加热功率	500/960-4300						
> Electric screw drive (optional*)	> 电动螺杆(选配*)	500/960-4300						
> Capacity with electr drive	> 电器总功率	500/960-5500						
Net weight (without oil)	机器净重 (不含油)	500/960-6780						
Machine dimensions(l×w×h)	机器尺寸 (l×w×h)							

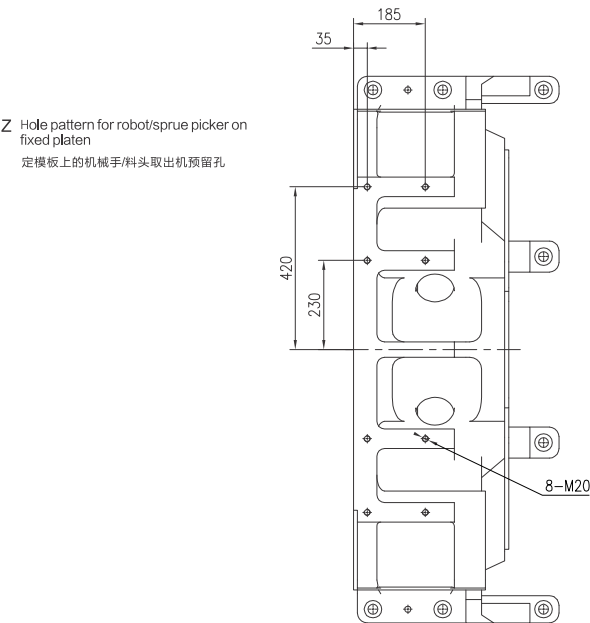


Technical Data LS 500 PET 模板尺寸



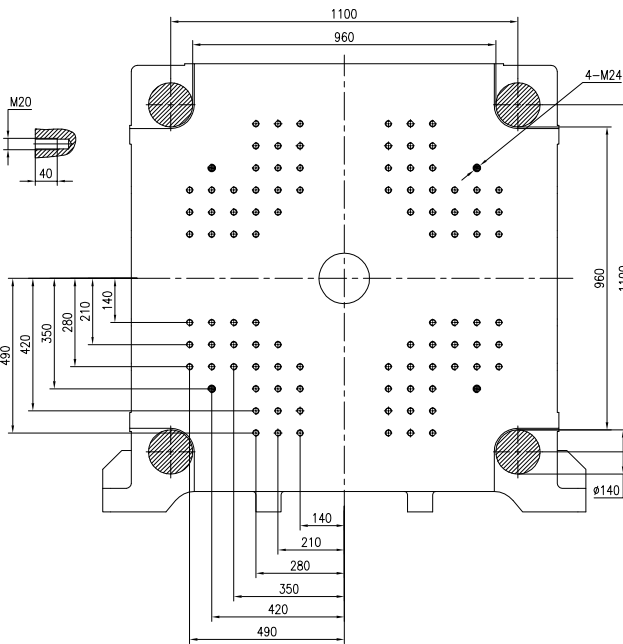
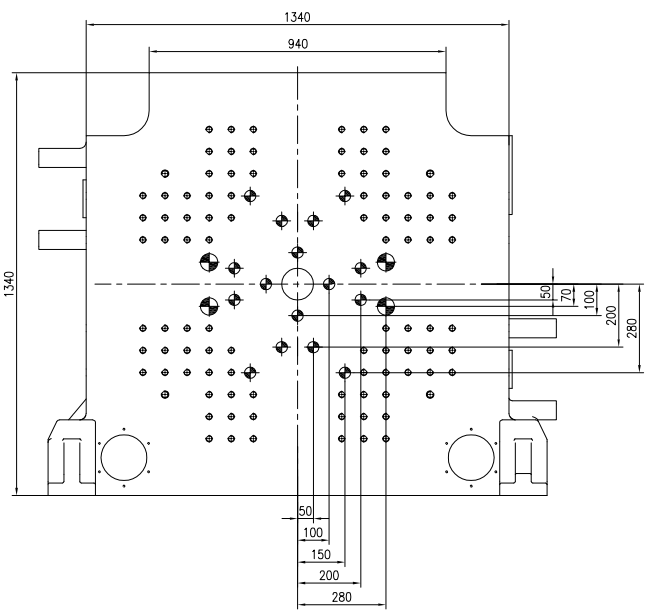
Movable platen 动模板

B - B



Fixed platen 定模板

A - A



⊕ bore diameter Ø36mm through holes

⊕ bore diameter Ø55mm through holes

⌀ 36mm直径通孔

⌀ 55mm直径通孔