

力松®—让增效降本发生

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LISONG 力松®
Reduce cost and increase efficiency

Electric injection precision injection molding machine



2000-4900 kN

电动注射精密注塑机

2025年7月 修订

LISONG 力松®

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机型特点

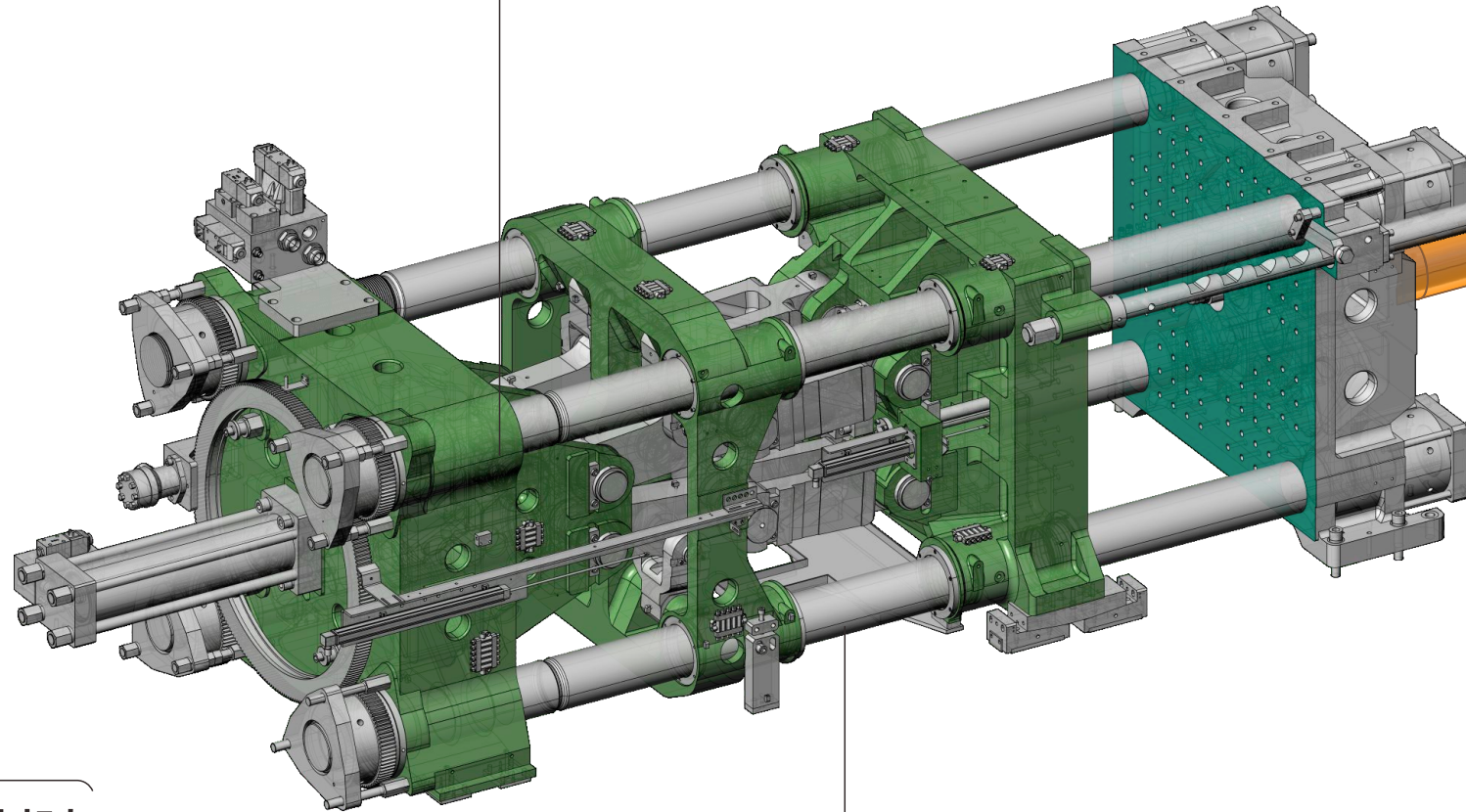
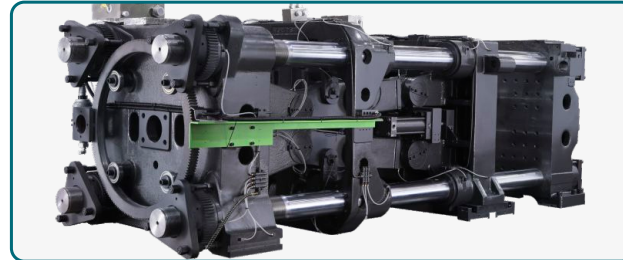
直压锁模

- 高刚性机械直锁结构，成型锁模力更低，使模具使用寿命更长，能耗更低。
- 开合模标配高速伺服比例阀，定位准，效率高。
- 双缸顶出，脱模稳定高效。

High-rigidity mechanical direct-locking structure, molding clamping force becomes less, longer mold service life and lower energy consumption.

The opening and closing molds are equipped with high-speed servo proportional valves as standard, with which accurate positioning and high efficiency.

Double cylinder ejection, stable and efficient demolding.



高刚性机架

- 高刚性设计，回火，表面喷塑处理。
- 加大落料口，适应制品直接脱落捡取。

High rigidity design, tempering, surface plastic spray treatment.

To be enlarged the blanking opening to adapt to the direct fall off and picking of products.

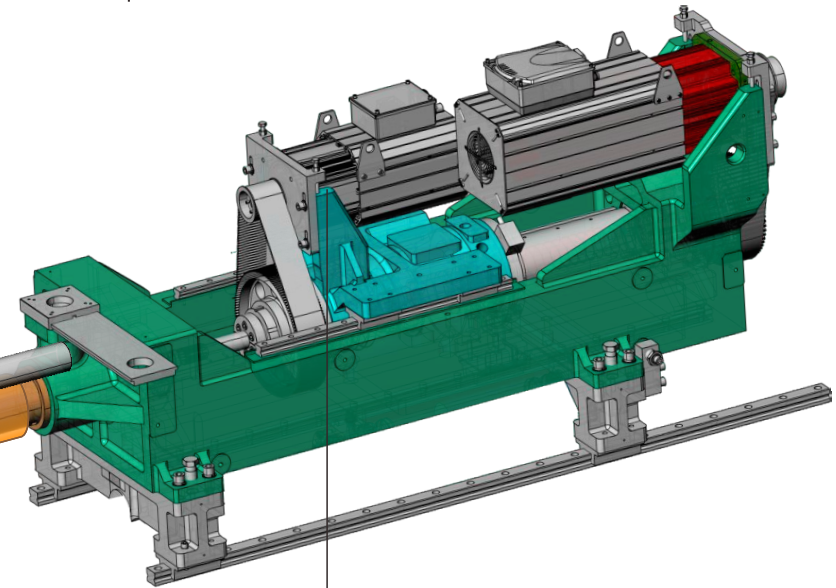
- 高效的塑化驱动
- 精准高效的伺服技术确保精确的注射动作
- 快速响应的伺服马达用于动态控制
- 直接测量注射力确保注射，保压，背压的精准控制

Efficient plasticizing drive

Precise and efficient servo technology ensures precise injection movements

Fast-responding servo motors for dynamic control

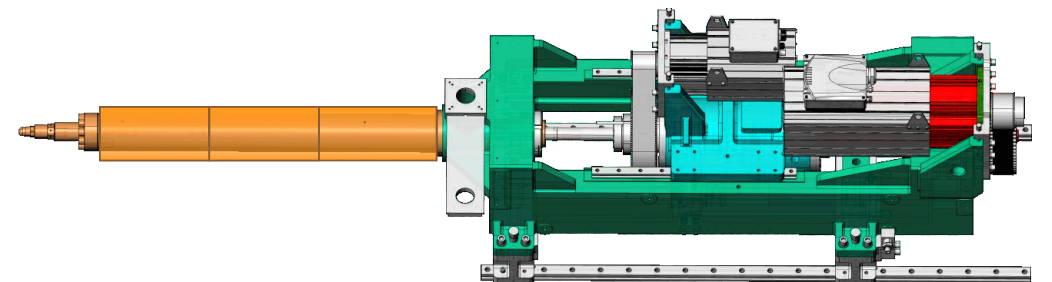
Direct measurement of injection force ensures precise control of injection, holding pressure and back pressure



搭配伺服驱动和伺服注射

具有最佳的工艺和精确度表现，最高的节能效率，可以实现最高30%的节能效果，

It is optimized for maximum dynamic and precise performance and highest energy efficiency and realizes up to a 30 % energy saving during operation.



Technical Data LS 200D~490D

技术参数

Ningbo LiSong Injection Technology Co.,Ltd.		LS 200 D	LS 268 D	LS 300 D	LS 310 D	LS 350 D	LS 380 D	LS 420 D	LS 490 D
Model description	型号	200/510-530	268/580-670	300/630-670	310/620-830	350/630-830	380/670-1210	420/700-1210	490/750-1210
International size description	国际标准尺寸	2000-530	2680-670	3000-670	3100-830	3500-830	3800-1210	4200-1210	4900-1210

Clamping unit	合模装置	200/630	268/630	300/630	310/620	350/630	380/670	420/700	490/750
Clamping force	合模力	2000	2680	3000	3100	3500	3800	4200	4900
Locking force	锁模力	2200	2948	3300	3410	3850	4180	4620	5390
Max.mould opening stroke	最大开模行程	430	550	640	550	640	690	690	690
Min.mould height	最小模厚	180	220	220	220	250	250	250	280
Max.mould height	最大模厚	520	580	600	580	610	680	610	750
Max.daylight	最大模板间距	950	1230	1240	1130	1250	1370	1300	1440
Mould platen(h × v)	模板尺寸(水平 × 垂直)	755x755	880x880	920x920	925x875	960x960	1000x970	1090x1030	1160x1130
Distance between tie bars(h × v)	拉杆间距(水平 × 垂直)	510x510	580x580	630x630	620x510	630x630	670x640	700x640	750x720
Ejection stroke	顶出行程	135	160	160	80	160	160	80	80
Ejection force	顶出力	70	110	110	88	133	158	110	110

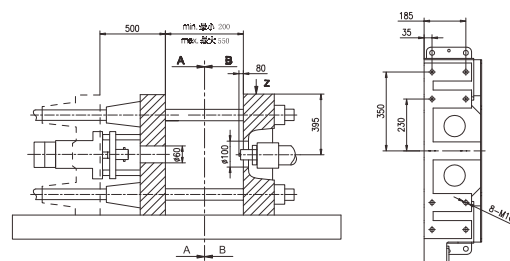
Injection unit	注射装置	530	670	670	830	830	1210	1210	1210
Screw diameter	螺杆直径	40	45	45	50	50	55	55	55
Screw geometry	螺杆形状	Standard 标准	Standard 标准	Standard 标准	Standard 标准	Standard 标准	Standard 标准	Standard 标准	Standard 标准
L / D ratio	长径比	24	24	24	24	24	24	24	24
Spec.inj.Press. (up to 400 ℃)	注射压力(至 400℃)	1700	1700	1700	1700	1700	1700	1700	1700
Max. cylinder head volume	理论注射容积	314	398	398	491	491	713	713	713
Max. shot weight (PS)	最大注射量	286	362	362	447	447	649	649	649
Max. Rate of injection	最大注射速率								
> without accumulator ²⁾	> 无蓄能器	628	795	795	982	982	1188	1188	1188
Injection speed (Under 1000bar injection pressure)	注射速度 (在 1000bar 的注射压力下)								
> without accumulator	> 无蓄能器	500	500	500	500	500	500	500	500
Max. screw stroke	最大螺杆行程	190	230	230	250	250	300	300	300
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	4	4	4	5	5	5	5	5
Hopper capacity	料斗容积	35	35	35	35	35	35	35	35

General data	综合数据	200/510-530	268/580-670	300/630-670	310/620-830	350/630-830	380/670-1210	420/700-1210	490/750-1210
Oil tank capacity	油箱容量	120	180	180	240	240	250	250	250
Installed electrical rating	额定电气功率								
> capacity with hydraulic drive	> 液压驱动功率	30	37	37	37	37	45	45	45
> capacity with injection screw	> 注射螺杆驱动功率	55	60	60	75	75	75	75	75
> capacity with plasticizing screw	> 塑化螺杆驱动功率	15	15	15	22	22	22	22	22
> heating capacity of screw cylinder	> 料筒加热功率	12.7	19.4	19.4	25.9	25.9	29.2	29.2	29.2
> capacity with electr drive	> 电器总功率	112.7	131.4	131.4	158.2	159.9	171.2	171.2	171.2
Net weight (without oil)	机器净重(不含油)	8500	11000	11400	11800	13800	16200	18200	23200
Machine dimensions(LxWxH)	机器尺寸(LxWxH)	6.3x1.55x2.1	6.65x1.62x2.15	6.7x1.63x2.15	7.0x1.79x2.25	7.24x1.8x2.25	7.71x1.94x2.4	8.05x1.94x2.55	8.4x2.03x2.6



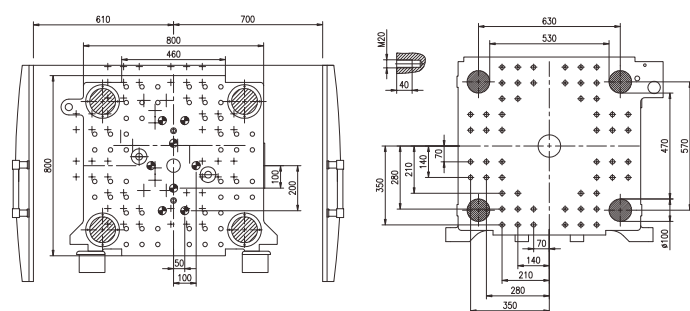
Platen Dimensions 模板尺寸

LS 200 D



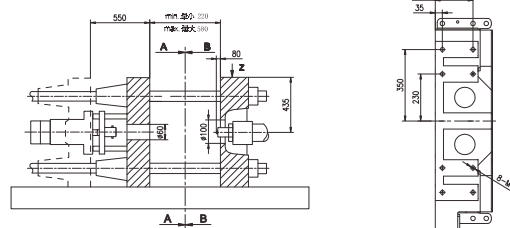
Movable platen 动模板

Fixed platen 定模板



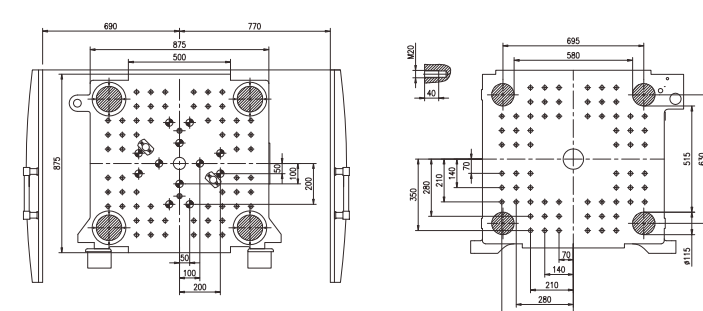
⌀ 36mm直径通孔

LS 268 D



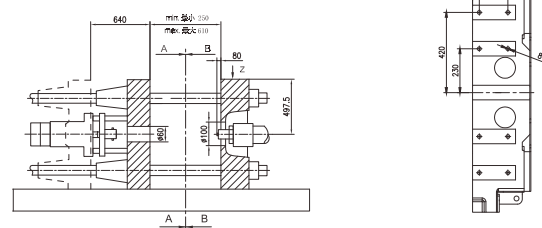
Movable platen 动模板

Fixed platen 定模板



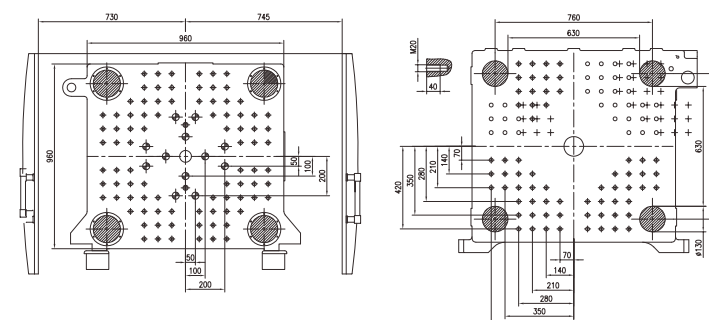
⌀ 36mm直径通孔

LS 350 D



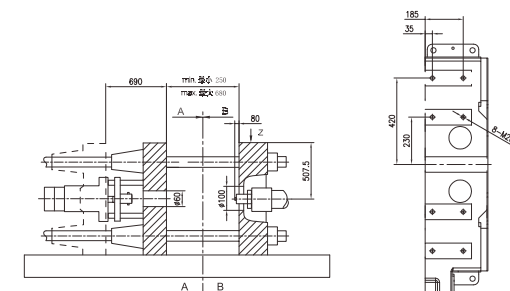
Movable platen 动模板

Fixed platen 定模板



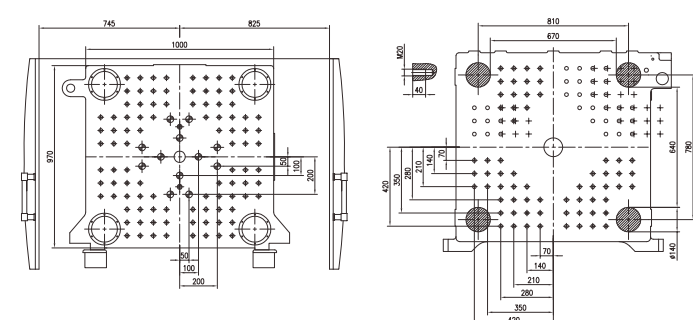
Φ 36mm直径通孔

LS 380 D



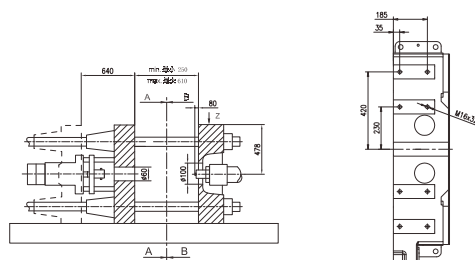
Movable platen 动模板

Fixed platen 定模板



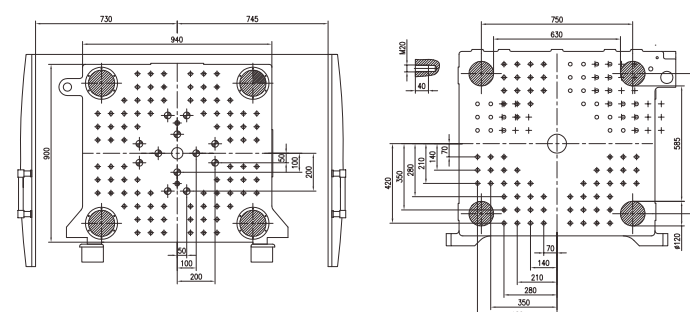
Φ 36mm直径通孔

LS 300 D



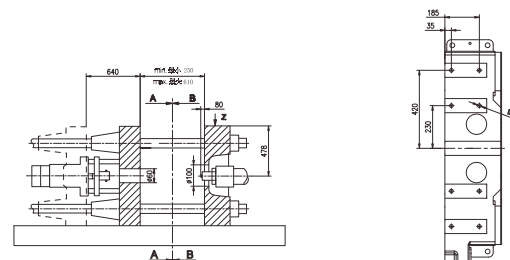
Movable platen 动模板

Fixed platen 定模板



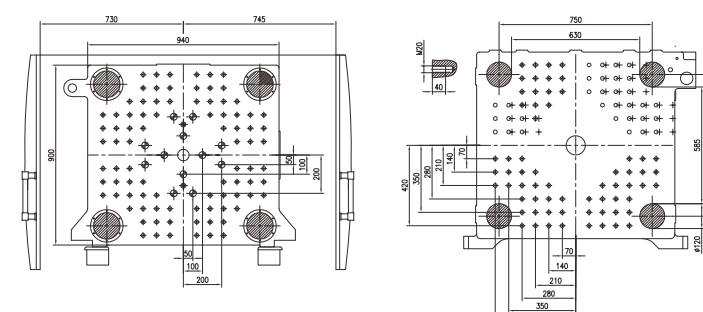
⌀ Φ 36mm直径通孔

LS 310 D



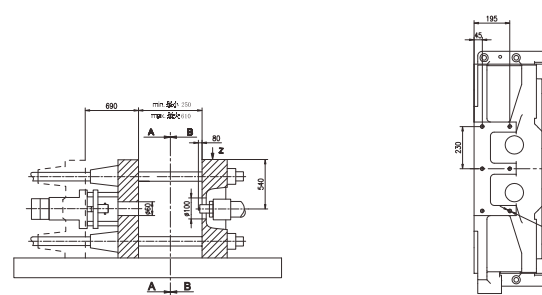
Movable platen 动模板

Fixed platen 定模板



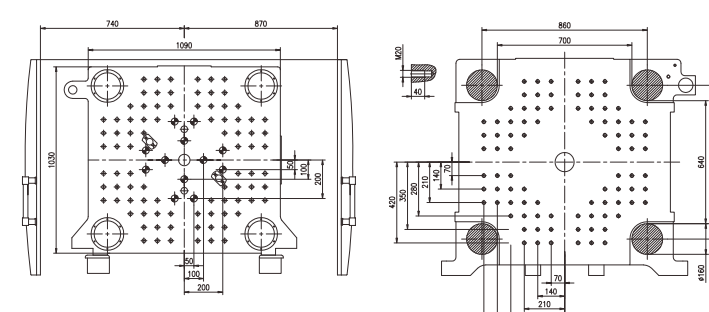
⌀ Φ 36mm直径通孔

LS420 D



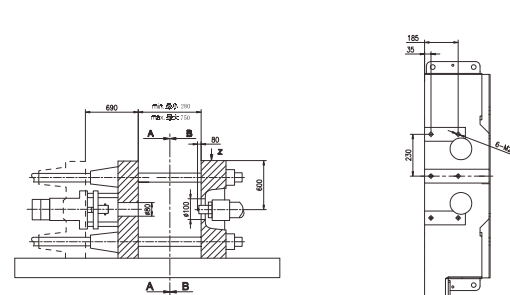
Movable platen 动模板

Fixed platen 定模板



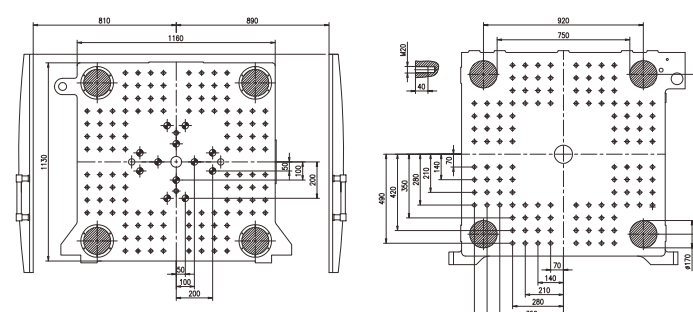
⌀ 35mm直径通孔

LS 490 D



Movable platen 动模板

Fixed platen 定模板



Φ 36mm直径通孔