

注塑 Injection Unit ★★★★★

- 1. 专用大L/D比高塑化螺杆。
- 2. 负荷小，起速快，精度高，射速高。
- 3. 模块化设计，直驱电熔胶（节能，高效）高速伺服比例阀及氮气辅助注塑，均可自由选配。
- Dedicated screw with large L/D ratio and high plasticization.
- Small load, fast starting speed, high accuracy and high rate of fire.
- Modular design, direct drive electro-melt (energy-saving, high-efficiency) high-speed servo proportional valve and nitrogen-assisted injection, which can be freely optional selected.

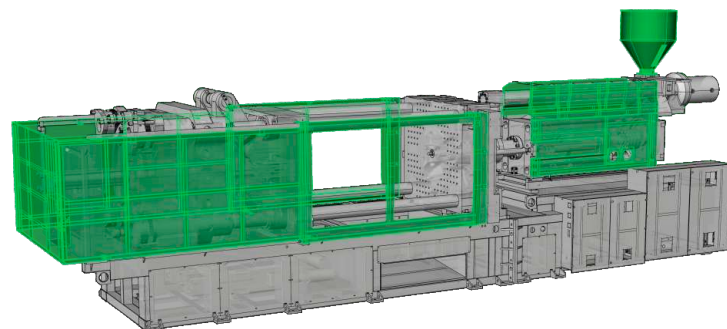


锁模 Clamping Unit ★★★★★

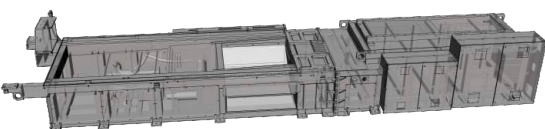
- 1. 高刚性机械直锁结构，成型锁模力更低，使模具使用寿命更长，能耗更低。
- 2. 开合模标配高速伺服比例阀，定位准，效率高。
- 3. 优化设计的加大型顶出油缸结构，顶出力更大，顶出行程更长。
- High-rigidity mechanical Direct-compression, molding clamping force becomes less, longer mold service life and lower energy consumption.
- The opening and closing molds are equipped with high-speed servo proportional valves as standard, with which accurate positioning and high efficiency.
- Optimised design of the extra-large ejector cylinders for higher ejector forces. The ejector stroke is longer.

Advantages ▶

- ✓ 高精度
- ✓ 高射速
- ✓ 大克重
- ✓ 一机多用
减少重复投资



New
servo
motor



机架 Framework ★★★★★

- 1. 高刚性设计，回火，表面喷塑处理。
- 2. 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.



节能 Energy Saving ★★★★★

- 优化设计的注射结构，注射惯量更低。
- 标配红外纳米加热圈，升温快，保温性能好，节电超30%，闭环PID温度控制，温度控制精准，优异的过程控制稳定性
- 多组伺服动力配置，适应多组同步运行，高效，节能；油泵内置，恒温运行寿命更长且低噪音。
- Optimised design of the injection structure for lower injection inertia.
- Standard infrared heater, fast heating, good heat preservation performance, energy saving over 30%; Closed-loop PID temperature control, excellent process control quality.
- Multi-group servo power configuration, adapt to multi-group synchronous operation, high efficiency, energy saving. The oil pump is built-in, which has a longer life span of constant temperature operation and low noise.



LISONG High Speed Injection molding machine

(Widely used in food packaging, medical packaging, daily chemical packaging, fruit frames, flower pots, finishing boxes and so on.)

Pro 系列高速注塑机

(广泛运用于食品包装、医疗包装、日化包装、果框、花盆、整理箱等)

Pro
SERIES
2,200-12,500 kN



- ✓ 高精度
- ✓ 高射速
- ✓ 大克重
- ✓ 一机多用
减少重复投资

LISONG 力松
Reduce cost and increase efficiency

LISONG 力松

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Technical Data LS 220/530 ...1250/1250 技术参数

高刚性版 >>

Ningbo LiSong Injection Technology Co.,Ltd.		LS 220		LS 290		LS 328	LS380	LS458	LS580	LS 630	LS 700	LS 800			LS 1000		LS 1250			LS 298	LS 338	LS 388	LS 470	LS 680	LS 928		
Model description	型号	220/530-800	220/530-1000	290/580-1000	290/580-1200	328/630-1600	380/670-1600	458/720-2200	580/770-3000	630/840-3000	700/910-3300	800/1000-3300	800/1000-4600	800/1000-7000	1000/1120-4600	1000/1120-7000	1250/1250-4600	1250/1250-7000	1250/1250-9700	298/580-1600	338/620-1600	388/670-2200	470/750-3000	680/780-3300	928/930-3300	928/930-4600	928/930-7000
International size description	国际标准尺寸	2200-800	2200-1000	2900-1000	2900-1200	3280-1600	3800-1600	4580-2200	5800-3000	6300-3000	7000-3300	8000-3300	8000-4600	8000-7000	10000-4600	10000-7000	12500-4600	12500-7000	12500-9700	2980-1600	3380-1600	3880-2200	4700-3000	6800-3300	9280-3300	9280-4600	9280-7000

Clamping unit	合模装置	220/530	290/580	328/630	380/670	458/720	580/770	630/840	700/910	800/1000	1000/1120	1250/1250	298/580	338/620	388/670	470/750	680/780	928/930
Clamping force	合模力 [KN]	2200	2900	3280	3800	4580	5800	6300	7000	8000	10000	12500	2980	3380	3880	4700	6800	9280
Locking force	锁模力 [KN]	2420	3190	3608	4180	5038	6380	6930	7700	8800	11000	13750	3278	3718	4268	5170	7480	10208
Max.mould opening stroke	最大开模行程 [mm]	500	550	640	690	750	830	910	1000	1100	1300	1400	550	640	550	690	550	750
Min.mould height	最小模厚 [mm]	200	220	220	250	280	300	300	400	450	500	500	220	220	370	280	200	300
Max.mould height	最大模厚 [mm]	550	580	610	680	730	800	900	1000	1000	1200	1100	580	550	610	750	650	700
Max.daylight	最大模板间距 [mm]	1050	1130	1250	1370	1480	1630	1810	2000	2100	2500	2500	1130	1190	1160	1440	1200	1450
Mould platen(h × v)	模板尺寸 (水平 × 垂直) [mm]	800x800	875x875	940x900	1000x970	1090x1090	1175x1120	1280x1200	1320x1320	1410x1280	1630x1510	1710x1545	875x875	940x900	1060x1030	1160x1130	1280x1280	1560x1530
Distance between tie bars(h × v)	拉杆间距 (水平 × 垂直) [mm]	530x470	580x515	630x585	670x640	720x720	770x720	840x760	910x820	1000x870	1120x1000	1250x1085	580x510	620x580	670x640	750x720	780x780	930x900
Ejection stroke	顶出行程 [mm]	130	140	140	140	140	160	175	175	230	320	340	80	80	80	80	120	150
Ejection force	顶出力 [KN]	62	70	70	70	80	158	158	158	200	200	220	88	88	110	110	110	158

Injection unit	注射装置	800	1000	1000	1200	1600	1600	2200	3000	3000	3300	3300	4600	7000	4600	7000	4600	7000	9700	1600	1600	2200	3000	3300	3300	4600	7000
Screw diameter	螺杆直径 [mm]	52	52	52	52	60	60	65	70	70	80	80	90	100	90	100	90	100	110	55	60	65	70	80	80	90	100
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	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	standard 标准	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	25	24	25	22	22	24	24	24	24	24	24	24	24	24	24	24	24	24	22	24	24	24	24	24	24
Injection screw diameter	注射螺杆直径 [mm]	40	45	45	50	52	52	55	60	60	65	65	70	80	70	80	70	80	90	52	52	55	60	65	65	70	80
Spec.inj.Press. (up to 400 ℃)	注射压力 (至 400℃) [bar]	1710	1710	1710	1710	1688	1688	1710	1686	1686	1623	1623	1729	1782	1729	1782	1729	1782	1710	1688	1688	1710	1686	1623	1623	1729	1782
Max. cylinder head volume	理论注射容积 [cm³]	465	588	588	726	956	956	1307	1781	1781	2091	2091	2694	4021	2694	4021	2694	4021	5726	956	956	1307	1781	2091	2091	2694	4021
Max. shot weight (PS)	最大注射量 [g]	423	535	535	661	870	870	1189	1621	1621	1903	1903	2452	3659	2452	3659	2452	3659	5211	870	870	1189	1621	1903	1903	2452	3659
Max. Rate of injection	最大注射速率																										
> without accumulator	> 无蓄能器 [cm³/s]	1151	1166	1166	1151	1436	1436	1696	2078	2078	2890	2890	3594	3707	3594	3707	3594	3707	4067	1207	1436	1696	2078	2890	2890	3594	3707
Injection speed (Under 1000bar injection pressure)	注射速度 (在 1000bar 的注射压力下)																										
>without accumulator	> 无蓄能器 [mm/s]	542	549	549	542	508	508	511	540	540	575	575	565	472	565	472	565	472	428	508	508	511	540	575	575	565	472
Max.screw stroke	最大螺杆行程 [mm]	370	370	370	370	450	450	550	630	630	630	630	700	800	700	800	700	800	900	450	450	550	630	630	630	700	800
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	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Number of heating zones	加热段数量	7	7	7	7	7	7	9	9	9	10	10	11	11	11	11	11	11	12	7	7	9	9	10	10	11	11
Hopper capacity	料斗容积 [ltr.]	35	35	35	35	35	35	70	70	70	70	70	70	70	70	70	70	70	70	35	35	70	70	70	70	70	70

General data	综合数据	220/530-800	220/530-1000	290/580-1000	290/580-1200	328/630-1600	380/670-1600	458/720-2200	580/770-3000	630/840-3000	700/910-3300	800/1000-3300	800/1000-4600	800/1000-7000	1000/1120-4600	1000/1120-7000	1250/1250-4600	1250/1250-7000	1250/1250-9700	298/580-1600	338/620-1600	388/670-2200	470/750-3000	680/780-3300	928/930-3300	928/930-4600	928/930-7000
Oil tank capacity	油箱容量 [ltr.]	420	420	500	500	500	580	580	580	630	880	960	960	960	1050	1050	1200	1200	1200	500	500	580	580	630	880	880	880
Installed electrical rating	额定电气功率																										
>capacity with hydraulic drive	> 液压驱动功率 [≈kW]	55	45+37	45+37	45+45	45+45	45+45	55+45	75+75	75+75	55+55+45	55+55+45	55+55+55+30	55+55+55+37	55+55+55+30	55+55+55+37	55+55+55+30	55+55+55+37	55+55+55+55	45+45	45+45	55+45	75+75	55+55+45	55+55+45	55+55+55+30	55+55+55+37
> heating capacity of screw cylinder	> 料筒加热功率 [≈kW]	29.5	32.6	32.6	37.5	39.8	39.8	45	48.8	48.8	56	56	80	89	80	89	80	89	100	39.8	39.8	45	48.8	56	56	80	89
> capacity with electr drive	> 电器总功率 [kW]	84.5	114.6	114.6	127.5	129.8	129.8	145	198.8	198.8	211	211	275	291	275	291	275	291	320	129.8	129.8	145	198.8	211	211	275	291
Net weight (without oil)	机器净重 (不含油) [≈kg]	7800	8000	10800	11000	12800	14800	18500	20500	23800	25000	38000	39000	39800	48500	49300	62500	63200	65300	11200	13000	15200	18900	23500	31200	32200	33000
Machine dimensions(l × w × h)	机器尺寸 [≈m]	5.8x1.5x2.4	5.9x1.5x2.4	5.9x1.7x2.4	6.0x1.7x2.4	6.3x1.72x2.4	6.55x1.81x2.5	7.5x1.95x3.0	8.0x2.0x3.0	8.5x2.2x3.0	8.8x2.22x3.1	9.3x2.4x3.1	9.5x2.4x3.2	9.7x2.4x3.2	11.1x2.8x3.2	11.3x2.8x3.2	11.9x2.9x3.2	12.2x2.9x3.2	12.7x2.9x3.3	6.0x1.7x2.4	6.35x1.72x2.4	7.2x1.8x2.95	7.7x1.97x3.0	8.3x2.1x3.05	9.15x2.45x3.05	9.3x2.45x3.2	9.4x2.45x3.2