



GF 系列节能高速精密注塑机

GF SERIES ENERGY-SAVING HIGH-SPEED PRECISION
INJECTION MOLDING MACHINE



立世乐 (天津) 智能装备有限公司

LISHILE(TIANJIN) INTELLIGENT EQUIPMENT CO.,LTD

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公司简介

立世乐(天津)智能装备有限公司位于天津市西青区,是一家专业从事注塑机研发、生产、销售服务一体的高新技术企业,拥有三十年行业经验积累,产品通过ISO9001认证。

公司自成立以来,坚持以市场为导向,不断创新,积极开拓国内外市场,在注塑行业内获得了良好口碑。我们不仅提供注塑机技术,还提供注塑系统解决方案,助力客户在市场竞争中取得优势,我们关注不同细分市场客户的具体需求,推出行业专用注塑方案,满足客户高效、精密、节能环保的要求。

公司秉承“以诚经商,以商会友”的理念、“敬业、创新、诚信、共赢”的精神,竭诚为广大新老用户提供优质产品及服务!

COMPANY INTRODUCTION

LiShiLE(Tianjin)Intelligent Equipment Co., Ltd., located in Xiqing District, Tianjin city which is near Tianjin Port. LiShiLE is a high-tech enterprise specializing in R&D, production and sales of injection molding machines. LiShiLE has 30 years of experience in this industry and obtained ISO 9001.

Since its establishment, LiShiLE has adhered to market-oriented, innovated, and actively explored domestic and foreign markets. LiShiLE won good reputation in the injection molding industry. We not only provide injection molding machine technology, but also provide injection system solutions to help customers gain advantages in market competition. LiShiLE pays attention to the specific needs of customers in different market and launch industry-specific injection molding solutions to meet customer requirements for high efficiency, precision, energy saving and environmental protection .

The spirit of LiShiLE is "dedication, innovation, integrity, and win-win cooperation". LiShiLE will provide machines, technologies and service to customers in plastic industry all over the world.



适合快餐盒、奶茶杯、花盆及其他薄壁包装类产品注射及贴标成型。

- 精密** — 高响应液压伺服系统配合线性滑轨射出导向结构，精密准确；
- 节能** — 专用节能技术设计，节能效果行业领先；
- 成本** — 稳定的高压高速射出系统，适合成型更薄产品；
- 平稳** — 优化的锁模结构和油路设计，保证开关模高速平稳运行；
- 高效** — 同步熔胶回路控制，大幅缩短成型周期；

This series is suitable for high-speed injection molding and labeling of fast food boxes, milk tea cups, flower pots, and other thin-wall packaging containers.

Precision- High-response oil-electric SERVO system cooperates with linear slide rail to project a rigid support structure.

Energy saving-Dedicated energy-saving technology design, industry-leading role of energy-saving effect.

Cost-fast and stable injection quality, the machine can use lower-cost raw materials or the same raw material to form thinner products, thus improve profitability.

Stable performance- Stable-high-rigidity mechanical structure design to ensure smooth high-speed operation.

High efficiency-Machine synchronous structure and mold design greatly shorten the molding cycle.



技术参数表/Technical parameter table

				GF280KC	GF350KC	GF460KC	GF580KC
注射装置 INJECTION UNIT	螺杆直径	Screw Diameter	mm	55	55	60	65
	螺杆长径比	Screw L/D Ratio	L/D	24	24	24	24
	注射重量(PS)	Max. Shot Weight(PS)	g	546	546	643	755
	注射压力	Injection Pressure	Mpa	170	170	170	158
	螺杆转速	Screw Torque & Speed	rpm	0-310	0-310	0-310	0-310
合模装置 CLAMPING UNIT	合模力	Clamping Force	KN	2800	3500	4600	5800
	移模行程	Opening Stroke	mm	420	650	650	680
	拉杆内距	Space Between Tie Bars (W*H)	mm	575X575	635X635	680X660	780X720
	最大模厚	Max. Mold Height	mm	550	650	675	700
	最小模厚	Min. Mold Height	mm	280	300	280	300
	顶出行程	Ejector Stroke	mm	100	100	100	100
	顶出力	Ejector Force	KN	60	60	60	110
其它 OTHERS	最大系统压力	Hydraulic System Pressure	Mpa	17.5	17.5	17.5	19
	电机功率	Pump Motor Power	KW	51	91	102	148
	电热功率	Heater Power	KW	23	23	26	33
	油箱容积	Oil Tank Capacity	L	500	550	620	700
	外形尺寸	Machine Dimensions(approx.) (L*W*H)	m	6.4X1.7X2.2	6.7X1.7X2.0	6.5X2.1X2.1	7.4X2.2X2.2

备注：由于产品改进，参数配置等如有变更，不另行通知。

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果蔬筐专用注塑机

MACHINE FOR FRUIT AND VEGETABLE BASKETS



适合水果、蔬菜及其他一次性使用
废料周转筐注射成型。

- ★ 采用专用塑化系统，高效耐用；多
- ★ 动作同步执行，缩短成型周期；配
- ★ 专利制造取筐机构，全自动生产，安
全、高效、节省人工。

This injection molding machine is
suitable for production of disposable
baskets with recycled material for fruit
and vegetable.

- ★ With special designed plasticizing
system, with high efficiency and
durability.
- ★ Simultaneous execution of multiple
actions to shorten the molding cycle.
- ★ Equipped with a patented basket taking
mechanism. The machine is full
automatic, safe, efficient and
labor-saving.



技术参数表/Technical parameter table				GF400K	GF530K
注射装置	螺杆直径	Screw Diameter	mm	90	95
	螺杆长径比	Screw L/D Ratio	L/D	18	19
	注射重量(PS)	Max. Shot Weight(PS)	g	2170	2862
	注射压力	Injection Pressure	Mpa	121	125
合模装置	螺杆转速	Screw Torque & Speed	rpm	0-190	0-180
	合模力	Clamping Force	KN	4000	5300
	移模行程	Opening Stroke	mm	720	790
	拉杆内距	Space Between Tie Bars (W*H)	mm	740X700	820X800
	最大模厚	Max. Mold Height	mm	720	820
	最小模厚	Min. Mold Height	mm	340	370
	顶出行程	Ejector Stroke	mm	170	200
其它	顶出力	Ejector Force	KN	110	110
	最大系统压力	Hydraulic System Pressure	Mpa	14	14
	电机功率	Pump Motor Power	KW	52	62
	电热功率	Heater Power	KW	21	31
	油箱容积	Oil Tank Capacity	L	560	680
外形尺寸	Machine Dimensions(approx.) (L*W*H)	m	7.5X1.7X2.5	8.2X2.3X2.6	

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制桶专用注塑机

BUCKET INJECTION MOLDING MACHINE



适合润滑油桶、涂料桶、化肥桶
其他用途桶类产品注射成型。

- ★ 加强锁模机构；
- ★ 专用塑化系统，高效混色均匀；
- ★ 电眼检出全自动出桶系统；
- ★ 高压高速射出，适合成型薄壁产
品；
- ★ 开模联动顶出动作，缩短成型周
期

Suitable for production of lubricating oil buckets, paint buckets, fertilizer
buckets etc.

- ★ Strengthen the clamping system.
- ★ High-quality special plasticizing screw and high efficiency of mixing colors.
- ★ High precision, high response SERVO hydraulic system, high repeat accuracy.
- ★ Fast and stable injection quality, customers can use lower cost raw materials
or same raw materials to form thinner products, and improve profitability.
- ★ Synchronous demoulding control, shortening the molding cycle.



技术参数表/Technical parameter table				GF650CEH	GF780CEH
注射装置	螺杆直径	Screw Diameter	mm	90	95
	螺杆长径比	Screw L/D Ratio	L/D	21	24
	注射重量(PS)	Max. Shot Weight(PS)	g	2974	3223
	注射压力	Injection Pressure	Mpa	155	193
合模装置	螺杆转速	Screw Torque & Speed	rpm	0-180	0-180
	合模力	Clamping Force	KN	6500	7800
	移模行程	Opening Stroke	mm	900	990
	拉杆内距	Space Between Tie Bars (W*H)	mm	920X868	960X940
	最大模厚	Max. Mold Height	mm	950	1000
	最小模厚	Min. Mold Height	mm	400	450
	顶出行程	Ejector Stroke	mm	250	250
其它	顶出力	Ejector Force	KN	133	160
	最大系统压力	Hydraulic System Pressure	Mpa	16	16
	电机功率	Pump Motor Power	KW	92	112
	电热功率	Heater Power	KW	33	46
	油箱容积	Oil Tank Capacity	L	950	970
外形尺寸	Machine Dimensions(approx.) (L*W*H)	m	9.5X2.4X2.8	10.5X2.2X3.0	

适合环保、医用、家用垃圾桶的注射成型。

- ★ 采用三板机结构，缩小占地面积；
- ★ 加大开模行程，适合垃圾桶成型；
- ★ 开模联动中子动作，缩短成型周期；
- ★ 精确的锁模力控制，有效地保护模具；
- ★ 伺服控制开关模，动作高速平稳；

It is suitable for production of trash cans for environmental protection, medical and household.

- ★ The two-platen structure on injection molding machine allows to reduce the working area.
- ★ Precise clamping force control can protect the mold effectively.
- ★ Large opening stroke, which is suitable for trash can molding.
- ★ Servo control of mold to promise high-speed and stable running of the machines.
- ★ Equipped with demoulding linkage to shorten the molding cycle.



技术参数表/Technical parameter table				GF1500LB	GF2300LB
注射装置	螺杆直径	Screw Diameter	mm	140	165
	螺杆长径比	Screw L/D Ratio	L/D	20	20
	注射重量(PS)	Max. Shot Weight(PS)	g	8825	18678
	注射压力	Injection Pressure	Mpa	148	152
合模装置	螺杆转速	Screw Torque & Speed	rpm	0-100	0-73
	合模力	Clamping Force	KN	15000	2300
	模板最大开距	Max.opening distance	mm	3300	3600
	拉杆内距	Space Between Tie Bars (W*H)	mm	1400X1250	1600X1280
	最大模厚	Max. Mold Height	mm	1600	1700
	最小模厚	Min. Mold Height	mm	600	700
其它	顶出行程	Ejector Stroke	mm	400	400
	顶出力	Ejector Force	KN	300	300
	最大系统压力	Hydraulic System Pressure	Mpa	17.5 , 23.5	17.5 , 23.5
	电机功率	Pump Motor Power	KW	162	198
	电热功率	Heater Power	KW	87	120
	油箱容积	Oil Tank Capacity	L	1200	1800
外形尺寸	Machine Dimensions(approx.) (L*W*H)	m	12X3.4X2.9	14X3.5X3.2	

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Sample display

技术参数表/Technical parameter table			GF120EH			GF150EH			GF200EH			GF260EH			GF320EH			GF400EH			GF530EH			GF650EH			GF780EH			
注射装置 INJECTION UNIT	螺杆直径	Screw Diameter	mm	35	40	45	40	45	50	45	50	55	50	55	60	60	65	70	70	75	85	80	85	95	85	90	95	95	100	
	螺杆长径比	Screw L/D Ratio Max.	L/D	25	22	20	24	21	19	22	20	18	21	19	17	22	20	19	24	22	19	21	20	18	22	21	20	24	20	
	注射重量(PS)	Shot Weight(PS)	g	175	229	289	251	318	393	362	446	540	475	575	684	784	921	1068	1313	1507	1935	2231	2518	3146	2632	2974	3288	3223	3572	
	注射压力	Injection Pressure	Mpa	219	168	132	262	207	168	221	179	148	252	204	169	198	169	145	219	191	148	201	178	159	198	177	158	193	180	
螺杆转速	Screw Torque & Speed	rpm	0-175			0-175			0-150			0-230			0-150			0-150			0-160			0-150			0-160			
合模装置 CLAMPING UNIT	合模力	Clamping Force	KN	1200			1500			2000			2600			3200			4000			5300			6500			7800		
	移模行程	Opening Stroke	mm	360			430			490			550			630			720			790			900			990		
	拉杆内距	Space Between Tie Bars (W*H)	mm	410X410			470X470			534X534			590X590			662X615			740X700			820X800			920X868			960X940		
	最大模厚	Max. Mold Height	mm	430			540			600			600			650			720			820			950			1000		
	最小模厚	Min. Mold Height	mm	160			150			170			220			250			340			370			400			450		
	顶出行程	Ejector Stroke	mm	105			140			160			160			150			170			200			250			250		
其它 OTHERS	顶出力	Ejector Force	KN	40			40			54			62			79			110			110			133			160		
	最大系统压力	Hydraulic System Pressure	Mpa	16			16			16			16			16			16			16			16			16		
	电机功率	Pump Motor Power	KW	16			19			21			31			31			50			65			92			112		
	电热功率	Heater Power	KW	7.2			11.6			15			15			17			21			31			33			46		
	油箱容积	Oil Tank Capacity	L	240			280			320			320			460			560			680			800			970		
外形尺寸	Machine Dimensions(approx.) (L*W*H)	m	4.4X1.5X2.1			5.1X1.6X2.1			5.6X1.6X2.4			6.1X1.6X2.5			6.6X1.8X2.4			7.5X1.7X2.5			8.2X2.3X2.6			9.5X2.4X2.8			10.5X2.2X3			

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