

锁模装置

CLAMPING SYSTEM



- 1、高强度锁紧机构，合理优化轴径，提高使用寿命，增强锁模机构的物理承受能力。
- 2、加强模板壁厚减小薄壁产品充模时的变形。
- 3、加长模板导向距使模板移动更平稳提高开模精度，便于机械手取件。
- 4、选用高强度抗压耐磨自润滑轴套，提高使用寿命节约润滑油用量。
- 5、内藏式机械保险杆有效降低装模高度使用更安全。



- 1.High strength locking mechanism and reasonable optimization shaft, to improve the life and enhance the physical capacity of clamping mechanism
- 2.Strengthen thin wall thickness reduction product deformable template when filling
- 3.Extended template guide distance to move away from making more stable improve mold precision, easy for robot pickup
- 4.High strength compression wear self-lubricating bushings, to improve the life-saving Lubricant
- 5.Built-in mechanical bumper effectively reduce the use of safer Die height

液压单元

HYDRAULIC UNIT

- 1、采用双泵双动力，既能做复合动作又可实现合流功能更节能，更高效。
- 2、优化油路设计，动作无冲击，射出开模更精准。
- 3、射出双缸均衡进油快排高效。



- 1、Dual-pump dual power, both composite action can be done to achieve convergence function more energy, more efficient
- 2、Optimized circuit design, action no impact, more precise injection mold
- 3、Cylinder balanced injection into the oil drain fast and efficient

电控单元 ELECTRONIC UNIT

- 1、控制器驱动器内部通讯协议。
- 2、快速机专属程序控制技术。

- 1.The controller drives the internal communication protocol
- 2.Fast Machine proprietary process control technology



PLASTIC INJECTION BEAUTY
塑造成形的**美丽**

Konger
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科隆阁

Cheetah Series

Cheetah Series
高效包装系列



宁波科隆阁机械有限公司
NINGBO KONGER MACHINERY CO., LTD.



高速薄壁成型机特点

1. 高刚性设计使锁紧时变形极小，达到高速高压的要求，利于延长模具寿命，大幅度提高制品精度。
2. 配备优化的液压系统，注射速度大幅度提高。
3. 注射部件采用线性滑轨导向，注射高速平稳。
4. 特殊设计的专用快速螺杆，呈现出更高的塑化能力。

Feature of High Speed Packaging Machine

1. High rigidity design of clamping unit enables the locking minimal deformation, achieve high-speed and high-pressure requirements;
2. Configuration optimization of the hydraulic system, improve the injection speed;
3. Injection unit adopt linear slide rail guide, injection smooth and efficient;
4. Special screw design for packaging material, present higher plasticizing capability.

射出单元 INJECTION UNIT

1. 双缸双出杆射出机构，既确保射出压力又能提高射出杆的使用寿命，减小射出回油背压提高射速。
2. 双线轨射出机构更精确塑化无负压。
3. 选用高温材料专用的塑化螺杆，塑化更高效。
4. 可选配闭式喷嘴，能实现复合动作，大幅度减小生产周期时间。



1. Double rod cylinder injection mechanism, both to ensure that the injection pressure can improve the life of injection rods, reducing the back pressure increase rate of fire shot back to the oil
2. Double rail injection mechanism more accurately plasticizing no negative
3. Selection of high-temperature materials, special plasticizing screw, Plastics more efficiently
4. Optional nozzle will be able to achieve complex movements, greatly reducing the production cycle time

TECHNOLOGY DATA 技术参数

说明	DESCRIPTION	单位	Cheetah 170	Cheetah 230	Cheetah 270	Cheetah 330	Cheetah 330Plus
注射装置 Injection Unit	螺杆直径 Screw Diameter	mm	38	42	45	55	55
	螺杆长径比 Screw L/D Ratio	L/D	23.2	20	22	22.9	22.9
	理论注射容积 Shot Volume	cm ³	192	277	357	641	641
	注射重量 Injection Weight(PS)	g	175	252	325	583	583
	注射速率 Injection Rate	cm ³ /s	270	388	434	840	1400
	注射压力 Injection Pressure	Mpa	208	171	177	169	169
	螺杆转速 Screw Speed	rpm	0-350	0-350	0-350	0-350	0-400
合模装置 Clamping Unit	锁模力 Clamping force	KN	1700	2300	2700	3300	3300
	移模行程 Toggle Stroke	mm	435	475	540	600	600
	拉杆间距 Space Between Tie-Bars (WxH)	mm	465x465	510x510	560x560	625x625	625x625
	最大模厚 Max. Mold Height	mm	520	520	520	680	680
	最小模厚 Min. Mold Height	mm	180	200	200	330	330
	顶出行程 Ejector Stroke	mm	95	95	105	95	95
其他 Others	顶出力 Ejector Tonnage	KN	50	70	70	70	70
	最大油泵压力 Max. Pump Pressure	Mpa	16	16	16	16	16
	电机功率 Motor Power	KW	37	44	31+31	44+44	44+23
	电热功率 Heater Power	KW	9.3	12	16.5	20.6	20.6
	外形尺寸 Machine Dimension	m	5.04x1.43x2.12	6.08x1.55x2.14	6.52x1.60x2.2	7.55x2.0x2.34	7.55x2.0x2.34
	油箱容积 Oil Tank Capacity	L	500	520	730	1300	1300
机器重量 Machine Weight	ton	6.5	8	9	13.5	13.5	



PLATEN DIMENSION

模板尺寸图

