

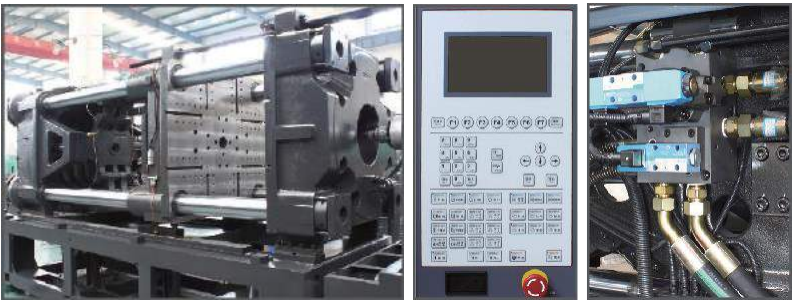
Konger

科隆阁

PET

瓶胚专用机

PET-IMM



主要特点MAIN FEATURE

- 采用 PET 专用螺杆，显著提升溶胶速度和注射量、降低塑化温度与 AA 值，有效改善瓶胚的收缩，提高透明度；
- 变量泵控制系统比常规机器节点 25%~45%；伺服控制系统比常规机器节电 30%~50%；
- 机器规格齐全，适应多种不同瓶胚的选择，目前最大注射量 :5000q；加大顶出力 and 顶出行程，适应瓶胚的顶出要求；
- 锁模部分全封闭钣金结构，符合卫生和温控要求；
- 带模具针阀控制接口；
- 选配同步保压系统，可提高产能 15%-25%；
- 可提供全套 PET 瓶胚工艺方案及设备，包括：注塑机、吹瓶机、模具、及相关的其他设备。

- Special of the PET screw and barrel. Improve the charge speed and injection weight. Reduce the plasticizing temperature and AA. Effectively improve the contraction of the bottle and improve the transparency.
- Variable pump can save 25%--45% power than fix pump. Servo machines can save the 30%--50% power than fix pump.
- Multi-machines model match the different size of the bottle. The max-injection weight: 5000gram.more stronger eject force and eject stroke special for PET bottle.
- Fully cover of the clamping unit. Conforming to health and temperature control exactly.
- Special function for PIN-VALVE button.
- Increase production capacity 15%-25% under the synchronized holding pressure system.
- Providing the complete solutions of PET-IMM technology &machines, such as: injection machines, blowing machines, moulds, and the other auxiliaries, etc.



科隆阁PET瓶胚机系列参数

	UNIT	PET170S/418	PET170S/530	PET230S/1000	PET270S/1000	PET270S/1500	PET310S/1500	PET360S/1800	PET360S/2500	PET450S/2500	PET530S/3600	PET800S/4600
INJECTION UNIT												
Screw Diameter	mm	45	50	62	62	72	72	75	82	82	95	105
Screw L/D Ratio	l/d	24:1	25:1	25:1	25:1	25:1	25:1	25:1	25:1	25:1	25:1	25:1
Shot Volume	cm ³	357	450	860	860	1300	1300	1540	2150	2150	3100	3960
PET(1.17)Shot Weight (Ps)	g	418	527	1006	1006	1521	1521	1802	2516	2516	3627	4633
Injection Rate	g/s	160	196	270	295	312	312	357	437	557	612	781
Injection Pressure	mpa	177	143	142	142	143	143	140	145	145	149	147
Screw Speed	rpm	180	180	165	185	170	170	155	155	165	150	135
CLAMPING UNIT												
Clamping Force	kn	1700	1700	2300	2700	2700	3100	3600	3600	4500	5300	8000
Toggle Stroke	mm	435	435	475	540	540	590	615	615	740	840	1000
Space Between Tie-Bars (WxH)	mm*mm	460 X 460	460 X 460	520 X 520	570 X 570	570 X 570	615 X 615	670 X 650	670 X 650	760 X 730	830 X 800	1020 X 970
Mold Height (Min-Max)	mm	180 ~ 500	180 ~ 500	200 ~ 530	200 ~ 550	200 ~ 550	220 ~ 600	250 680	250 ~ 680	280 ~ 750	350 ~ 830	400 ~ 960
Ejector Stroke	mm	135	135	140	150	150	150	160	160	200	240	300
Ejector Tonnage	kn	50	50	70	70	70	100	150	150	150	150	210
OTHERS												
Max. Pump Pressure	mpa	16	16	16	16	16	16	16	16	16	16	16
Motor Power	kw	28	28	36	43	56	56	56	65	43+43	56+56	65+65
Heater Power	mpa	17.3	17.3	22	22	25.8	25.8	25.8	36.6	36.6	45.2	75.6
Machine Dimension	m*m*m	5.5x1.40x2.1	5.5x1.40x2.1	6.14x1.50x2.14	6.34×1.60×2.25	7.21x1.66x2.37	7.21x1.66x2.37	7.54x1.86x2.41	7.54x1.86x2.41	8.24x1.88x2.41	10.2x2.05×2.37	13.9x2.4x3.1
Oil Tank Capacity	l	300	300	300	380	380	385	620	620	700	800	1200
Machine Weight	t	6.5	6.5	7.5	8.5	9	9.5	13	13.5	16	22	37

