

DREAM 包装行业成型方案特点

DREAM SERIES FEATURES

- ☐通常以聚烯烃为原料，以聚丙烯PP原料应用最为广泛
- ☐对成型周期、单位能耗、制品重量重复精度、制品的承载强度等性能有较高要求
- ☐通常制品壁厚较小、流长比大，甚至需要超薄壁厚成型，有系统化解决方案需求
- ☐Polyolefin is used usually especial the PP is widely applied.
- ☐High requirements for the cycle time, unit energy consumption, products weight repeatability, products load bearing strength
- ☐For thin wall、high L/T ratio even ultrathin wall products molding ,systematize solution

- ☐ P P专用塑化系统

☐ 专用加热温控系统

☐ 高速、智能化控制系统

☐ 低速大扭矩伺服驱动系统

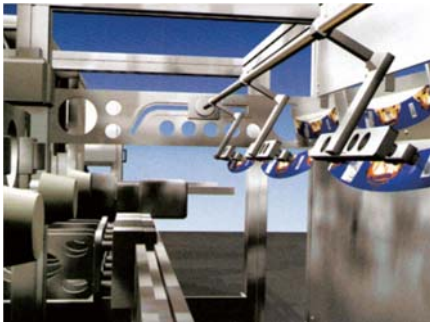
☐ 高精度、高响应、大功率全闭环伺服液压系统
- ☐ Special PP plasticizing system

☐ Special Heating and Temperature Monitoring System

☐ Highly Responsive &Intelligent Controlling System

☐ Low Speed and Large Torque Servo Plasticizing System

☐ High Precision, Fast Response and Big Power fully circuit Servo Hydraulic System



模内贴标系统 IML system

据PET工艺成型特性及积累的数十年专业生产经验，本公司推出的该专用机型具有标准机型所有优点外，另做出成熟改进，保证客户PET成型。Do according to PET perform technology and molding characteristics, based on years professional production experience, the Dream PET series IMM which TEDERIC promoted, not only own all advantage of standard D series features, but also with mature improvement suit for PET material, to ensure easy PET perform molding.

- ☐ 专用螺杆，螺杆长径比达1:24高扭矩螺杆驱动系统，确保螺杆转速均匀，混炼和塑化能力佳
- ☐ 大通径冷水系统，满足PET模具的冷却要求
- ☐ 加大顶出力，适应多腔PET瓶坯脱模
- ☐ 料筒PID温控，温控精确
- ☐ 提供全套PET瓶坯生产模具及辅机，以及吹瓶机
- ☐ 提供PET瓶胚厂生产方案或根据客户要求特殊定制

- ☐ Professional PET screw ratio (L/D 1:24),equip with high torque screw motor, make sure it with even RPM, Good mixing and high plasticizing effect
- ☐ Big channel water regulator to meet the PET perform mould cooling demand
- ☐ Increase the ejector force, adapt for multi-cavity preform mould demoulding
- ☐ Barrel with PID system, precise temperature control
- ☐ We can offer full solution for PET perform system as mould, auxiliary machine and blow molding machine
- ☐ Turn key solution is available for customer special requirements



杭州经济技术开发区文泽北路245号

Add: No 245, North Wenzhe Road, Hangzhou

Economic & Technological Development Area, China

P.C: 310018

TEL: +86-571-86733077 (内销) +86-571-86733389 (Overseas)

FAX: +86-571-87322805

E-mail: tederic@tederic-cn.com gjzheng@mail.hz.sj.cn

Http: www.tederic-cn.com



SERIES INJECTION MOLDING MACHINE FOR PACKING

梦想系列包装行业成型方案

DREAM系列包装行业方案技术参数表

DREAM SERIES PARAMETER LIST

薄壁容器方案			Unit	D130/210M	D160/370M	D200/520M	D250/640M	D300/840M	D350/1100M	D400/1500M
注射装置	螺杆直径	Screw diameter	mm	32	38	42	45	50	55	60
	螺杆长径比	Screw L/D ratio		25.0	25.0	25.0	25.0	25.0	25.0	25.0
	理论容量	Shot size(Theoretical)	cm³	116	198	270	329	442	601	780
	注射重量 (PP)	Injection weight (PP)	g	85	145	197	240	323	439	570
	注射压力	Injection pressure	MPa	188.4	189.4	194.4	194.4	190.6	194.4	194.4
	对空注射速率	Injection rate into air	cm³/s	176.5	219.5	262.2	319.9	384.3	427.5	427.5
	注射行程	Injection stroke	mm	144	175	195	207	225	253	276
	注射线速度	Injection speed	mm/s	220	194	189	165	163	162	151
	注射线速度 (ACC)	Injection Rate Into Air(ACC)	mm/s	312	303	303	302	304	302	302
	螺杆转速	Screw rotation speed	rpm	485	493	440	387	352	311	319
合模装置	合模力	Clamping force	kN	1300	1600	2000	2500	3000	3500	4000
	移模行程	Clamping stroke	mm	430	480	540	550	650	690	750
	拉杆内距	Tie bar distance	mm	420X420	470X470	530X530	580X580	630X630	680X680	730X730
	最大模厚	Max. mold height	mm	460	530	560	600	650	700	750
	最小模厚	Min. mold height	mm	160	200	220	250	250	280	280
	顶出行程	Eject stroke	mm	120	150	150	160	160	180	200
	顶出力	Eject force	kN	34	34	67	67	67	67	124
其他	顶出杆根数	No. of ejector pins	Piece	5	5	9	9	13	13	13
	最大油泵压力	Max. pump pressure	MPa	17.5	17.5	17.5	17.5	17.5	17.5	17.5
	油泵马达功率	Pump motor power	kW	20.0	25.0	30.7	30.7	36.7	43.3	50.0
	电热功率	Heater power	kW	6.7	8.2	11.8	12.9	15.9	19.7	23.8
	料斗容积	Hopper capacity	L	25	25	50	50	50	50	50
	油箱容积	Oil tank capacity	L	300	350	400	550	700	750	850
	机器重量	Machine weight	t	3.7	4.3	5.8	7.5	8.8	9.5	12

PET瓶胚方案			Unit	D160/600	D200/850	D250/1100	D300/1500	D350/1900	D400/2500	D450/3200	D500/3800	D600/4800	D650/4800	D700/5800	D800/7500	D900/7500	D1050/9500
注射装置	螺杆直径	Screw diameter	mm	45	50	55	60	65	70	75	80	85	85	90	100	100	110
	螺杆长径比	Screw L/D ratio		24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
	理论容量	Shot size(Theoretical)	cm³	329	442	601	780	992	1347	1740	2031	2532	2532	3006	4045	5227	
	注射重量 (PET)	Injection weight (PET)	g	385	517	703	913	1161	1576	2035	2376	2963	2963	3517	4732	4732	6115
	注射压力	Injection pressure	MPa	185.4	192.7	185.1	192.5	192.8	191.3	184.8	190.3	195.2	195.2	193.6	187.2	187.2	181.9
	对空注射速率	Injection rate into air	cm³/s	151.0	181.6	236.3	278.8	278.3	329.4	426.1	459.8	499.0	499.0	554.5	701.3	701.3	846.4
	注射行程	Injection stroke	mm	207	225	253	276	299	350	394	404	446	446	473	515	515	550
	注射线速度	Injection speed	mm/s	95	93	100	84	86	97	92	88	88	87	87	89	89	89
	螺杆转速	Screw rotation speed	rpm	212	202	211	206	167	175	208	165	164	164	120	108	108	97
	合模力	Clamping force	kN	1600	2000	2500	3000	3500	4000	4500	5000	6000	6500	7000	8000	9000	10500
合模装置	移模行程	Clamping stroke	mm	480	540	550	650	690	750	800	840	900	940	980	1050	1130	1230
	拉杆内距	Tie bar distance	mm	470X470	530X530	580X580	630X630	680X680	730X730	780X780	820X820	880X880	920X920	960X960	1020X1020	1080X1080	1160X1160
	最大模厚	Max. mold height	mm	530	560	600	650	700	750	780	800	900	940	980	1020	1100	1160
	最小模厚	Min. mold height	mm	200	220	250	250	280	280	300	320	400	400	450	500	500	500
	顶出行程	Eject stroke	mm	150	150	160	160	160	200	200	200	260	260	300	300	300	300
	顶出力	Eject force	kN	58	99	99	124	124	182	182	182	232	232	232	232	232	309
	顶出杆根数	No. of ejector pins	Piece	5	9	9	13	13	13	17	17	21	21	21	21	21	21
其他	最大油泵压力	Max. pump pressure	MPa	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
	油泵马达功率	Pump motor power	kW	16	20	25	31	31	36	45	50	56	56	61	75	75	88
	电热功率	Heater power	kW	12.6	15.7	19.5	23.4	29.8	33.7	31.5	40.7	42.9	42.9	56.7	61.7	61.7	71.8
	料斗容积	Hopper capacity	L	25	50	50	50	50	50	50	50	100	100	100	100	100	100
	油箱容积	Oil tank capacity	L	350	400	550	700	750	800	850	900	1050	1050	1400	1400	1400	1700
	机器重量	Machine weight	t	5.2	6.7	8.2	9.8	12.0	15.1	16.5	19.0	23.8	25.5	28.0	34.0	42.0	50.0

薄壁容器方案			Unit	D450/3200	D500/3800	D600/4800	D650/4800	D700/5800	D800/7500
注射装置	螺杆直径	Screw diameter	mm	75.0	80.0	85.0	85.0	90.0	100.0
	螺杆长径比	Screw L/D ratio		22.0	22.0	22.0	22.0	22.0	22.0
	理论容量	Shot size(Theoretical)	cm³	1741	2031	2531	2531	3009	4045
	注射重量 (PP)	Injection weight (PP)	g	1271	1482	1848	1848	2197	2953
	注射压力	Injection pressure	MPa	184.8	190.3	195.2	195.2	193.6	187.2
	对空注射速率	Injection rate into air	cm³/s	606	646	738	738	842	1042
	注射行程	Injection stroke	mm	394	404	446	446	473	515
	注射线速度	Injection speed	mm/s	137	129	130	130	132	133
	螺杆转速	Screw rotation speed	rpm	242	232	243	243	182	153
	合模力	Clamping force	kN	4500	5000	6000	6500	7000	8000
合模装置	移模行程	Clamping stroke	mm	800	840	900	940	980	1050
	拉杆内距	Tie bar distance	mm	780X780	820X820	880X880	920X920	960X960	1020X1020
	最大模厚	Max. mold height	mm	780	800	900	940	980	1020
	最小模厚	Min. mold height	mm	300	320	400	400	400	450
	顶出行程	Eject stroke	mm	200	200	260	260	260	300
	顶出力	Eject force	kN	124	124	182	182	182	182
	顶出杆根数	No. of ejector pins	Piece	17	17	21	21	21	21
其他	最大油泵压力	Max. pump pressure	MPa	17.5	17.5	17.5	17.5	17.5	17.5
	油泵马达功率	Pump motor power	kW	67	74	87	87	98	117
	电热功率	Heater power	kW	39.1	45.9	47.9	47.9	54.9	69.2
	料斗容积	Hopper capacity	L	50	50	100	100	100	100
	油箱容积	Oil tank capacity	L	850	900	1050	1050	1400	1400
	机器重量	Machine weight	t	16.5	19	23.8	25.5	28	34

PE 瓶盖成型方案			Unit	D160/210M	D200/520M	D300/840M
注射装置	螺杆直径	Screw diameter	mm	32	42	50
	螺杆长径比	Screw L/D ratio		24.0	25.0	25.0
	理论容量	Shot size(Theoretical)	cm³	116	270	442
	注射重量 (PE)	Injection weight (PE)	g	83	195	318
	注射压力	Injection pressure	MPa	188.5	194.5	190.6
	对空注射速率	Injection rate into air	cm³/s	250.0	365.0	506.0
	注射行程	Injection stroke	mm	144	195	225
	注射线速度	Injection speed	mm/s	311	264	258
	螺杆转速	Screw rotation speed	rpm	450	400	400
	合模力	Clamping force	kN	1600	2000	3000
合模装置	移模行程	Clamping stroke	mm	480	540	650
	拉杆内距	Tie bar distance	mm	470X470	530X530	630X630
	最大模厚	Max. mold height	mm	530	560	650
	最小模厚	Min. mold height	mm	200	220	250
	顶出行程	Eject stroke	mm	150	150	160