

Model	PET400	PET680	PET1000	PET1400/-620	PET2100-770	PET3000-820	PET4200-920
Injection unit							
Screw diameter (mm)	50	60	68	75	87	98	110
L/D ratio	24	24	24	24/26	26	26	26
Injection volume (cc)	344	565	835	1171	1813	2602	3706
Shot weight (PS@1.05)(g)	307	505	745	1045	1618	2323	3308
Shot weight (PET@1.35)(g)	394	649	958	1343	2081	2986	4253
Shot weight (PP@0.9)(g)	263	433	639	896	1387	1991	2835
Injection pressure (kg/cm ²)	1147	1036	1082	1136	1132	1092	1113
PET max.plasticizing capacity (g/s)	48	60	64	81/98	101	138	204
PP max.plasticizing capacity (g/s)	45	70	78	95/116	133	207	274
Injection speed (cm/s)	11.6	12.7	9.5	8.9/10.8	8.1	8.2	8.2
Injection stroke (mm)	175	200	230	265	305	345	390
PET max. screw rotary speed (rpm)	248	176	112	102	88	78	69
PP max.screw rotary speed (rpm)	328	309	234	211/257	187	203	189
PET screw torque (kg.m)	99.2	201.6	276.8	356.8	564.8	713.6	885
PP screw torque (kg.m)	75.2	114.9	150.4	201.6	276.8	316.8	458
Carriage force (ton)	3.4	5.5	5.5	8.6	8.6	13.5	17.6
Carriage stroke (mm)	236	261	281	316	412	447	482
Clamping unit							
Clamping force (ton)	75	110	150	200	250	350	450
Opening stroke (mm)	378	432	484	572	638	750	900
Min.mould height (mm)	180	205	235	270	310	370	420
Max.mould height (mm)	570	595	680	710	775	1030	1200
Max.daylight (mm)	948	1027	1164	1322	1413	1780	2100
Clearance btwn tiebars (mm)(h xv)	410x410	460x460	520x520	620x620	770x670	820x820	920x920
Movable platen size (mm)(h xv)	600x600	680x665	770x770	900x890	1080x980	1150x1145	1300x1300
Max. mould length (mm)	730	780	970	1030	1140	1300	1500
Dry cycle time (s)	0.7	0.7	1	1	1.5	2.0	2.1
Ejector forward force (ton)	5	8	10.2	12.6	19.6	19.6	28.3
Ejector backward force (ton)	3.4	5.5	7.0	8.8	13.5	13.5	19.2
Ejector stroke (mm)	115/116	135/180	160/240	180/240	200	225	280
Number of ejector pins	5/1	5/1	13/1	13/1	13	13	13
General							
Motor power (kW)	18.6	22.4	22.4	29.8/37.3	37.3	44.7	55.9
Heating power (kW)	15.52	20.20	24.95	32.3	45.3	56.78	73.45
Total current (A)	62.8	77.2	87.2	105.5/113.4	131.6	161.7	224
Temperature zones	5+1	5+1	5+1	6+1	6+1	6+1	6+1
Oil tank capacity (l)	300	400	360	500	650	880	1000
Hopper capacity (l)	55	55	72	72	106	125	210
System pressure (kg/cm ²)	160	160	160	160	160	160	160
Dimension (l x w x h)(m)	5.5x0.93x1.75	5.8x0.98x1.8	6.1x1.12x1.8	7.75x1.2x1.90	8.37x1.58x1.98	9.4x1.58x2.3	10.5x2.17x2.25
Weight (ton)	4	5	8	10.2	14.7	17.7	25
PET 12-cavity, weight per preform(g)	32	54	79	111	173	248	354
PET 16-cavity, weight per preform(g)	24	40	59	83	130	186	265
PET 24-cavity, weight per preform(g)			39	55	86	124	177
PET 32-cavity, weight per preform(g)				41	65	93	132
PET 48-cavity, weight per preform(g)						62	88
PET 72-cavity, weight per preform(g)							59
PP 12-cavity, weight per preform(g)	21	36	26	74	115	165	236
PP 16-cavity, weight per preform(g)	16	27	36	55	86	124	177
PP 24-cavity, weight per preform(g)			27	37	57	82	118
PP 32-cavity, weight per preform(g)				27	43	62	88
PP 48-cavity, weight per preform(g)						41	59
PP 72-cavity, weight per preform(g)							39

Specifications are subject to change without notice.