

Injection Moulding Machine



VERTICAL INJECTION
MOULDING MACHINE



HORIZONTAL INJECTION MOULDING MACHINE



INJECTION UNIT	Top PP	85	100	130	170	220	260	290	350	400	450	550	650	750
SCREW DIAMETER	MM	35	38	42	45	50	55	60	70	75	80	85	90	95
SCREW L/D RATIO	-	19	20.3	22	22	22	22	22	20	20	20	21.1	21	22
SHOT SIZE (THERORETICAL)	CM3	160	193.2	277	357	490	704	805	1226	1520	1910	2468	2582	3195
INJECTION WEIGHT (PS)	GMS	146	176	252	325	446	641	733	1226	1383	1738	2246	2350	2907
INJECTION PRESSURE	MPA	170	184	171	177	168	170	170	168	173	172	167	184	175
SCREW SPEED	R/MIN	225	210	185	180	155	220	220	160	160	155	150	125	130
CLAMPING UNIT														
TOGGLE STROKE	MM	320	350	380	435	475	540	590	670	710	760	900	930	1000
CLAMP TONNAGE	KN	850	1000	1300	1700	2200	2600	2900	3500	4000	4500	5500	6500	7500
TIA BAR DIAMETER	MM	60	65	70	80	90	95	100	110	120	130	150	160	165
SPACE BETWEEN TIE BAR	MM	360 x 340	370 x 370	420 x 420	470 x 470	520 x 520	570 x 570	620 x 620	710 x 630	760 x 670	800 x 720	900 x 820	960 x 880	1000 x 940
MAX. MOLD HEIGHT	MM	350	380	450	520	560	600	630	710	780	800	850	900	1000
MIN MOLD HEIGHT	MM	150	150	160	180	200	200	200	260	250	300	350	350	400
EJECTOR STROKE	MM	90	120	140	140	150	150	150	200	200	200	250	260	300
EJECTOR TONNAGE	KN	30	38	50	50	70	70	70	90	110	110	250	200	200
OTHERS														
MAX. PUMP PRESSURE	MPA	16	16	16	16	16	16	16	16	16	16	16	16	16
ELECTRIC MOTOR	KW	11	13	13	18.5	18.5	30	30	37	37	45	55	30+30	30+37
HEATER POWER	KW	6.5	7.5	8	12.5	14	19	19	24.5	26	34	36	37.2	49
MACHINE DIMENSION (L x W x h)	M	3.9 x 1.2 x 1.8	4.3 x 1.3 x 2.0	4.6 x 1.5 x 2.1	5.1 x 1.5 x 2.2	5.7 x 1.6 x 2.3	6.2 x 1.5 x 2.2	6.3 x 1.7 x 2.4	7.3 x 1.8 x 2.2	7.3 x 1.8 x 2.2	7.6 x 1.96 x 2.41	9.3 x 2.1 x 2.4	9.6 x 2.4 x 2.7	1.6 x 2.6 x 2.8
MACHINE WEIGHT	T	2.8	3.4	4	6	7	8.3	9.3	12.5	14.2	18.8	23	32	39

