

Technical Specification PET Series

PET 100 to PET 350

SR.NO	DESCRIPTION	UNIT	PET 100	PET 125	PET 150	PET 200	PET 250	PET 350
A	INJECTION UNIT							
1	SCREW DIAMETER	MM	45	50	60	70	80	90
2	INJECTION PRESSURE	BAR	1260	1200	1110	980	1200	1080
3	SYSTEM PRESSURE	BAR	150	150	150	150	150	150
4	SCREW STROKE	MM	165	215	260	250	280	330
5	SHOT WEIGHT (PET)	GMS	310	495	775	1220	1780	2750
6	INJECTION RATE	GMS/SEC	200	200	310	452	590	770
7	INJECTION TIME	SECOND	1.5	2.1	2.2	2.5	3.1	3.5
8	PIASTICISING CAP.(PET) ** MAX. SPEED	GMS/SEC	20	37	55	70	80	90
9	L/D RATIO		22:01	22:01	24:01	24:01	24:01	24:01
10	SCREW REVOLUTION	RPM	200	205	190	160	130	130
11	HEATING CAPACITY	KW	9.8	13	18	20	30	45
12	NO. OF HEATING ZONE		5	5	6	7	7	8
13	NOZZLE CONTACT FORCE	TONNES	2.5	4.6	4.5	7	7	10
14	LOCATING RING DIAMETER	MM	125	125	160	160	160	160
B	LOCKING UNIT							
17	CLAMPING FORCE	TONNES	100	125	150	200	250	350
18	MOULD OPENING STROKE	MM	365	420	470	540	600	700
19	MAX/MIN MOULD HEIGHT	MM	450/160	480/180	530/200	600/220	660/250	750/250
20	MAX. DAYLIGHT	MM	815	900	1000	1140	1260	1450
21	DIST.BETWEEN TIE BAR	MM	410 X 410	465 X 465	515 X 515	570 X 570	660 X 660	725 X 705
22	SIZE OF MOULD PLATEN	MM	680 X 680	680 X 680	765 X 765	840 X 840	960 X 960	1040 X 1020
23	MOULD WEIGHT CAPACITY	KG	590	800	1100	1500		3000
24	EJECTOR FORCE	TONNES	5.5	5.5	7.5	9.5	11.5	14
25	EJECTOR STROKE	MM	130	160	160	160	160	200
26	NO. OF EJECTOR PIN	NOS	5	5	12	12	13	15
C	GENERAL DATA							
27	PUMP DRIVE MOTOR	KW	15	18.5	22	37	45	55
28	PUMP	LPM	80	144	144	160	240	300
29	TOTAL LOAD	KW	24.8	32.5	40	57	75	100
30	OIL TANK CAPACITY	LITRE	240	240	320	360	550	650
31	MACHINE DIM. L X W X H	MTR	4.95 X 1.21 X 2.22	4.95 X 1.21 X 2.22	5.9 X 2.1 X 2.2	5.84 X 1.14 X 2.34	6.8 X 1.9 X 2.42	8 X 1.92 X 2.71
32	MACHINE WEIGHT	TONNES	5	5.5	7.5	9	11	15