

Technical Specification PML TC Series - Triple Color

PML 100TC to PML 450TC

Sr. No.	Description Machine Model	Unit	PML 100 TC		PML 150 TC		PML 250 TC		PML 350 TC		PML 450 TC	
			A Side	B & C Side	A Side	B & C Side	A Side	B & C Side	A Side	B & C Side	A Side	B & C Side
A Injection Unit												
1	Screw Diameter	MM	37	30 + 30	45	30 + 30	55	37 + 37	65	37 + 37	70	40 + 40
2	Injection Pressure	KG/SQ.CM	1960	1840	1590	1840	1690	1730	1820	1730	1800	2010
3	System Pressure	BAR	160		160		160		160		160	
5	Max. Shot Weight(PS)	GMS	154 + 80 + 80		308 + 80 + 80		534 + 123 + 123		776 + 123 + 123		1154 + 243 + 243	
7	Screw L/D Ratio		21:01	21:01	20:01	21:01	20.5:1	19.5:1	20:01	19.5:1	20.6:01	22.5:01
6	Screw Revolution	RPM	220		180	220	180	180	180		180	
12	Injection Speed	MM/SEC	110	120	114	120	95	105	105	105	110	120
B Locking Unit												
14	Clamping Force	TONNES	100		150		250		350		450	
15	Mold Opening Stroke	MM	365		470		600		700		750	
16	Distance Bet. Tiebar	MM	412 x 412		515 x 515		660 x 660		725 x 705		800 x 762	
17	Max./Min Mold Height	MM	450/160		530/200		660		750/250		820/300	
18	Max. Daylight	MM	815		1000		1260		1450		1570	
19	Ejection Force	TONNES	4		6.2		7		11		12	
20	Ejector Stroke	MM	130		130		160		160		200	
C Electricals												
23	Electric Motor	KW	13 + 7.5 + 7.5		18.5 + 7.5 + 7.5		30 + 13 + 13		37 + 13 + 13		45 + 18.5 + 18.5	
24	Heating Load	KW	20		26		30		33		45	
25	Total Electric Load	KW	48		59.5		86		96		127	
26	OVER ALL DIMENSION	L X W X H	4.40 X 1.50 X 2.10 Mtr.		5.90 X 1.85 X 2.40 Mtr.		7.20 X 3.00 X 2.5 Mtr.		7.50 X 2.3 X 2.57 Mtr.		8.70 X 2.75 X 2.80 Mtr.	
27	MACHINE WEIGHT	TONNES	5.5		9		16		19		31	

PML 550TC to PML 1000TC

Sr. No.	Description Machine Model	Unit	PML 550 TC		PML 650 TC		PML 750 TC		PML 1000 TC	
			A Side	B & C Side	A Side	B & C Side	A Side	B & C Side	A Side	B & C Side
A	Injection Unit									
1	Screw Diameter	MM	80	45 + 45	84	50 + 50	90	50 + 50	100	55 + 55
2	Injection Pressure	KG/SQ.CM	1630	1590	1630	1750	1770	2050	1840	1690
3	System Pressure	BAR	160		160		160		160	
5	Max. Shot Weight (PS)	GMS	1786 + 308 + 308		2242 + 371 + 371		2344 + 441 + 441		3250 + 534 + 534	
7	Screw L/D Ratio		20:01	20:01	21:01	20:01	22:01	22.5:01	22:01	20.5:01
6	Screw Revolution	RPM	120	180	120	180	120	180	110	180
12	Injection Speed	MM/SEC	98	120	105	100	105	95	125	110
B	Locking Unit									
14	Clamping Force	TONNES	550		650		750		1000	
15	Mold Opening Stroke	MM	850		900		985		1200	
16	Distance Bet. Tiebar	MM	835 x 835		895 x 895		980 x 980		1100 x 1100	
17	Max./Min. Mold Height	MM	880/350		900/400		1000/400		1200/500	
18	Max. Daylight	MM	1730		1800		1985		2400	
19	Ejection Force	TONNES	15.8		17.5		18.6		21.5	
20	Ejector Stroke	MM	250		260		280		320	
C	Electricals									
23	Electric Motor	KW	55 + 18.5 + 18.5		30 + 30 + 22 + 22		37 + 37 + 30 + 30		45 + 45 + 30 + 30	
24	Heating Load	KW	48		65		84		98	
25	Total Electric Load	KW	140		169		218		248	
26	OVER ALL DIMENSION	L X W X H	9.10 X 2.75 X 2.80 Mtr.		10.00 X 3.20 X 2.80 Mtr.		12.50 X 3.80 X 4.00 Mtr.		13.50 X 4.80 X 4.00 Mtr.	
27	MACHINE WEIGHT	TONNES	37		46		60		70	