

		Model/Size	TMC 750 E-1			
A. INJECTION UNIT			A	B	C	
1.	Screw Diameter	in.	3.74	3.94	4.33	
2.	Screw Length to Dia. Ratio	L/D	21	20	18.1	
3.	Injection Pressure-Max	psi	25411	23022	18955	
4.	Injection Stroke	in.	17.7	17.7	17.7	
5.	Calculated Injection Volume	cu. in.	194.5	215.6	260.8	
6.	Injection Capacity (P.S.)	oz.	103.5	114.6	138.7	
7.	Plasticizing Capacity*	LS/HT	lb./hr.	672	770	967
		HS/LT	lb./hr.	1053	1209	1518
8.	Injection Rate at 1000 psi	cu. in./sec.	31.85	35.27	42.65	
9.	Standard Screw Speed*	LS/HT	rpm./ft.-lb.	110/5830		
		HS/LT	rpm./ft.-lb.	160/4050		
10.	Back Pressure Adj. Range	psi	0-1000			
11.	Nozzle Force	U.S. Ton	13.8			
12.	Heating Input Power	kw.	50			
13.	Barrel Heating Zones	No.	4 + 1			
B. CLAMPING UNIT						
14.	Clamping Force	U.S. Ton	825			
15.	Mold Opening Stroke	in.	39.37			
16.	Open Daylight	in.	78.74			
17.	Die-height Available	in.	15.75 - 39.37			
18.	Sizes of Platens (H x W)	in.	59.05 x 59.05			
19.	Space Between Tie-Bars	in.	39.37 x 39.37			
20.	Ejector Force	U.S. Ton	18.7			
21.	Ejector Stroke	in.	9.45			
C. GENERAL						
22.	Pump Motor Power	kw.	75			
23.	Hydraulic System Pressure	psi	2000			
24.	Total Installed Power	kw.	125			
25.	Maximum Amp. Draw	230 V	A	543.5		
		460 V	A	271.8		
26.	Oil Tank Capacity	G	370			
27.	Hopper Capacity	lbs.	265			
28.	Total Machine Weights (approx.)	lbs.	88000			
29.	Machine Dimensions (LxWxH)	ft.	32.8 x 6.5 x 9.6			