



INJECTION MOLDING MACHINES

		Model/Size	TMC 60 E-1			
A. INJECTION UNIT			A	B	C	
1.	Screw Diameter	in.	0.98	1.18	1.26	
2.	Screw Length to Dia. Ratio	L/D	24	20	18.75	
3.	Injection Pressure-Max	psi	33133	22994	20221	
4.	Injection Stroke	in.	4.7	4.7	4.7	
5.	Calculated Injection Volume	cu. in.	3.6	5.13	5.8	
6.	Injection Capacity (P.S.)	oz.	2	2.7	3.1	
7.	Plasticizing Capacity*	LS/HT	lb./hr.	33	57.2	70.4
		HS/LT	lb./hr.	41.8	72.6	88
8.	Injection Rate at 1000 psi	cu. in./sec.	3.66	5.28	6	
9.	Standard Screw Speed*	LS/HT	rpm./ft.-lb.	240/397		
		HS/LT	rpm./ft.-lb.	300/325		
10.	Back Pressure Adj. Range	psi	0-1000			
11.	Nozzle Force	U.S. Ton	6.6			
12.	Heating Input Power	kw.	5.5			
13.	Barrel Heating Zones	No.	3 + 1			
B. CLAMPING UNIT						
14.	Clamping Force	U.S. Ton	66			
15.	Mold Opening Stroke	in.	10.62			
16.	Open Daylight	in.	23.23			
17.	Die-height Available	in.	3.93 - 12.60			
18.	Sizes of Platens (H x W)	in.	19.7 x 19.7			
19.	Space Between Tie-Bars	in.	12.6 x 12.6			
20.	Ejector Force	U.S. Ton	4.8			
21.	Ejector Stroke	in.	3.15			
C. GENERAL						
22.	Pump Motor Power	kw.	11.2			
23.	Hydraulic System Pressure	psi	2000			
24.	Total Installed Power	kw.	17.5			
25.	Maximum Amp. Draw	230 V	A	76.1		
		460 V	A	38.1		
26.	Oil Tank Capacity	G	70			
27.	Hopper Capacity	lbs.	80			
28.	Total Machine Weights (approx.)	lbs.	6900			
29.	Machine Dimensions (LxWxH)	ft.	13.8 x 3.1 x 6.4			