

Specifications

	1 3/4" 3 Oz.	2" 5 Oz.	2" 9 Oz.	2 1/2" 18 Oz.
Thermoplastic Material Capacity				
Plasticating Rate, Lbs./Hour (See Notes 3, A & B)	100	A)231 B)205	A)262 B)236	A)393 B)394
Plasticating Rate, Oz./Sec. (See Notes 3, A & B)	.444	A)1.03 B) .91	A)1.16 B)1.05	A)1.75 B)1.57
Material Injected/Shot, Cu. In. Max.	5.7	9.4	16.5	33.15
Material Injected/Shot, Max. Oz. Styrene	3	5	9	18
Material Hopper Capacity, Lbs.	100	100	100	150
Heater Band Power, Max. KW with Nozzle Option	6.6	8.9	11.4	16.4
Reciprocating Screw Injection Unit				
Maximum Injection Pressure, PSI	20,000	20,781	20,781	21,120
Maximum Injection Rate, Cu. In./Sec.	6.5	10.6	10.6	13.35
Maximum Injection Stroke, In.	2.375	3	5.25	6.75
Maximum Screw Speed, RPM	250	360	269	187

Note 3—Recovery rate expressing instantaneous rates based on styrene @ 300 psi back pressure and 420°F melt temperature.

Note A—100% theoretical output

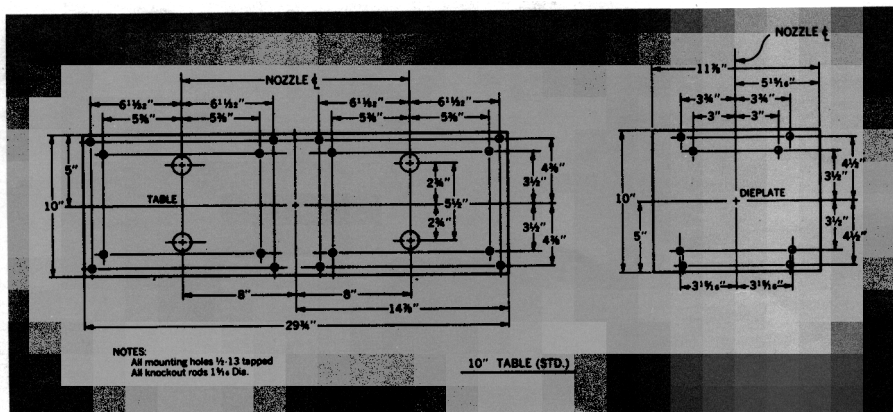
Note B—SPI plasticizing test

Reed Duplomatic Model	75T-VS	100T-VS
Mold Clamping Mechanism		
Mold Clamping Force (See Note 1)	75	100
Hydraulic Ejection Force, Tons	.5	.5
Mold Clamping Stroke, Inches	4.5	5
Maximum Daylight Opening, Inches	12.5	16
Hydraulic Ejection Stroke, Inches	1	1
Shifting Table Stroke, Inches	16	16
General Specifications		
Machine System Pressure, PSI	2000	2000
Machine Drive Motor, HP	30	30
Oil Reservoir Capacity, Gallons	130	130
Machine Dimensions (Est.) Length	115	120
Machine Dimensions (Est.) Width	62	62
Machine Dimensions (Est.) Height	83	87
Machine Weight (Est.)	9000	9400
Mold Sizes, Inches (See Note 2)	10 Inch Table	
Width, Max.	11 7/8"	11 7/8"
Depth, Max.	10	10
Height, Min.	8 3/4"	11 1/4"

Note 1—SPI strain gage certified

Note 2—5 1/2" nozzle centerline is standard. Adaption kit for 6 3/4" centerline is available.

Mold Mounting Layout



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PACKAGE MACHINERY COMPANY
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