



**SPECIFICATIONS FOR PT-U 280 INJECTION MOLDING MACHINE**

ITEM	UNIT	PT280	
<b>Injection Specification</b>			
Screw Diameter	mm	60	65
Shot Weight	g	798	936
	oz	28	33
Shot Volume	in <sup>3</sup>	53.5	62.8
Injection Pressure	psi	29443	25092
Injection Rate	in <sup>3</sup> / sec	15.1	17.7
Screw L:D Ratio		22	20
Injection Stroke	In	12.2	
Screw Speed	r.p.m.	159	
Plasticizing Capacity	lbs / hr	330.7	449.7
Nozzle Retract Stroke	In	14.2	
Hopper Capacity	lbs	130	
<b>Clamping Specification</b>			
Clamping Force	ton (US)	308	
Mold Thickness	in	9.8 – 23.6	
Maximum Daylight	in	45.7	
Mold Opening Stroke	in	22.0	
Space Between Tie bars	in	24.1 X 22.1	
Platen Size	in	35.8 X 33.9	
Ejector Stroke	in	5.1	
Ejector Force	ton (US)	9.2	
<b>General Specifications</b>			
Pump Motor	hp	40.2	
System Pressure	psi	2100	
Oil Tank Capacity	gaL	132	
Heating Capacity	kW	13.7	
Heating Zones		4+N	
Dry Cycle Time	sec	3	
Machine Dimension (LxWxH)	feet	22.31 x 4.6 x 6.9	
Machine Weight	lbs	25600	

Specifications are subject to change without notice.

Standard     Option