



SPECIFICATIONS FOR PT-U 160 INJECTION MOLDING MACHINE

ITEM	UNIT	PT160	
Injection Specification			
Screw Diameter	mm	50	55
Shot Weight	g	357	432
	oz	12.6	15.3
Shot Volume	in ³	24	29
Injection Pressure	psi	29878	24656
Injection Rate	in ³ / sec	8.9	10.7
Screw L:D Ratio		22	20
Injection Stroke	In	7.9	
Screw Speed	r.p.m.	173	
Plasticizing Capacity	lbs / hr	238.1	282.2
Nozzle Retract Stroke	In	11.8	
Hopper Capacity	lbs	70	
Clamping Specification			
Clamping Force	ton (US)	176	
Mold Thickness	in	7.9 – 17.7	
Maximum Daylight	in	32.7	
Mold Opening Stroke	in	15.0	
Space Between Tiebars	in	18.1 X 18.1	
Platen Size	in	26.4 X 26.5	
Ejector Stroke	in	3.9	
Ejector Force	ton (US)	5.5	
General Specifications			
Pump Motor	hp	25	
System Pressure	psi	2500	
Oil Tank Capacity	gaL	84.5	
Heating Capacity	kW	11.74	
Heating Zones		3+N	
Dry Cycle Time	sec	1.8	
Machine Dimension (LxWxH)	feet	16.38 x 3.54 x 6.46	
Machine Weight	lbs	12000	

Specifications are subject to change without notice.

Standard Option