

SPECIFICATIONS		HMT SERIES	
MACHINE TYPE	UNIT	HMT 360T	
		5 Point Toggle	
INJECTION UNIT	-	2420 (S)	
Screw Diameter	mm	68	76 (*7)
Screw Type	-	GP	
Screw L/D Ratio	-	21	19
Theoretical Volume (*1)	cm ³	1180	1474
Shot Weight (PS) (*2)	g	1121	1400
Plasticizing Capacity (PS) (*3)	g / s	65	81
Max. Injection Pressure	bar	1940	1550
Injection Rate (*4)	cm ³ / s	461	576
Screw Stroke	mm	325	
Nozzle Protrusion	mm	65	
Screw Revolution	rpm	190	
Automatic Temperature Control	Zone	1 + 4	
CLAMPING UNIT			
Mold clamping force	ton	360	
Mold opening stroke	mm	650	
Min. / Max. Mold height	mm	320/1000	
Maximum Daylight	mm	1650	
Tie Bar Distance (H x V)	mm	710 X 710	
Mold Platen Size (H x V)	mm	1020 X 1020	
Ejector Stroke	mm	125	
Ejector Force	ton	8.9	
ELECTRIC DEVICES			
Servo Drive (*5)	KW	8+14	
Heater	KW	23.5	
GENERAL			
Machine Weight (* 8)	ton	16	
Machine Size (L x W x H) (* 8)	m	7.5 x 2.1 x 2.6	
Hydraulic Oil Tank Capacity	ltrs.	850	
Hopper Loader (0.9kw Motor)	kg./hr.	150	
Cooling Water consumption	ltrs./min.	15	

Note :

- Theoretical shot volume = Screw cylinder sectional area x screw stroke.
- Shot weight is assumed as 95% of the theoretical shot volume in case of polystyrene.
- Plasticizing capacity is the value in case of polystyrene at Max. Screw RPM and depends on processing parameters.
- Injection rate mentioned in AIR SHOT operation.
- Servo drive power mentioned is average power consumption depends on processing parameters.
- Machine comes with air cooler/radiator for oil cooling.
- (*) Indicates preferred model.
- Only for reference.
- Specifications are subject to change without notice.