



Specification For HT-150 Ton Moulding Machine

INJECTION UNIT										
INJECTION UNIT	UNIT	A	B	C	A	B	C	A	B	C
Injection Capacity Max. (GPPS)	Gm	160	199	252	234	296	366	355	439	531
Theoretical Displacement	CC	173	214	270	251	318	393	382	471	570
Injection Pressure	Bar	2220	1800	1422	2231	1763	1428	2133	1728	1428
Injection Rate	CC/Sec.	106	131	166	107	135	167	113	139	168
Injection Screw Stroke	mm		170 + 10			200 + 10			240 + 10	
Screw Diameter	mm	36	40	45	40	45	50	45	50	55
Screw L/D Ratio		23	20.7	18.5	23	20.4	18.3	23	20.7	18.8
Screw Speed	RPM		286			250			168	
Heater Zone (Barrel + Nozzle)	Nos		3+1			4+1			4+1	
Total Heating Capacity	kw		7.5			10.5			13.5	
CLAMP UNIT										
Clamp Force	Ton		150			150			150	
Clamp Stroke	mm		420			420			420	
Maximum Daylight	mm		970			970			970	
Maximum Mould Height	mm		550			550			550	
Minimum Mould Height	mm		150			150			150	
Platen Size (H X V)	mm		680 X 680			680 X 680			680 X 680	
Distance Between Tiabar	mm		470 X 470			470 X 470			470 X 470	
Tiabar Diameter	mm		85			85			85	
Ejector Force	Ton		4.5			4.5			4.5	
Ejector Stroke	mm		135			135			135	
GENERAL DATA										
Max. System Pressure	Bar		150			150			150	
Pump Motor	kw (hp)		14.5 (20)			14.5 (20)			14.5 (20)	
Heaters Power	kw (hp)		7.5 (10)			10 (15)			13.5 (18)	
Total Connected Load	kw (hp)		22 (30)			24.5 (35)			28 (38)	
Oil Tank Capacity	Ltrs.		325			325			325	
Water Req. (Inlate Temp. 29?C)	lpm		60			60			60	
Machine Dimensions (L X W X H)	Ft. (Mtr.)		(18 X 5 X 7) (5.5 X 1.5 X 2)			(18 X 5 X 7) (5.5 X 1.5 X 2)			(18 X 5 X 7) (5.5 X 1.5 X 2)	
Machine Weight	Tons		6.2			6.2			6.2	

We Reserve the Right to Change the Above Specification without Any Notice

