



### Specification For HT-400 Ton Moulding Machine

INJECTION UNIT		UNIT	A	B	C	A	B	C
Injection Capacity Max. (GPPS)	Gm		816	958	1111	1254	1638	2073
Theoretical Displacement	CC		877	1029	1194	1348	1760	2228
Injection Pressure	Bar		2000	1704	1469	2279	1745	1378
Injection Rate	CC/Sec.		303	355	412	311	407	515
Injection Screw Stroke	mm			310 + 10			350 + 10	
Screw Diameter	mm		60	65	70	70	80	90
Screw L/D Ratio			23	21.2	19.7	23	20.1	17.8
Screw Speed	RPM			226			138	
Heater Zone (Barrel + Nozzle)	Nos			5+1			5+1	
Total Heating Capacity	kw			25			35	
CLAMP UNIT								
Clamp Force	Ton			400			400	
Clamp Stroke	mm			680			680	
Maximum Daylight	mm			1480			1480	
Maximum Mould Height	mm			800			800	
Minimum Mould Height	mm			300			300	
Platen Size ( H X V )	mm			1030 X 1030			1030 X 1030	
Distance Between Tiabar	mm			720 X 720			720 X 720	
Tiabar Diameter	mm			130			130	
Ejector Force	Ton			7.4			7.4	
Ejector Stroke	mm			200			200	
GENERAL DATA								
Max. System Pressure	Bar			150			150	
Pump Motor	kw (hp)			45 ( 60 )			45 ( 60 )	
Heaters Power	kw (hp)			25 ( 34 )			35 ( 47 )	
Total Connected Load	kw (hp)			70 ( 94 )			80 ( 107 )	
Oil Tank Capacity	Ltrs.			900			900	
Water Req. (Inlate Temp. 29?C)	lpm			100			100	
Machine Dimensions ( L X W X H )	Ft. (Mtr.)			(28 X 8 X 11) (8.2 X 2.1 X 3.3)			(28 X 8 X 11) (8.2 X 2.1 X 3.3)	
Machine Weight	Tons			16			16	

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

