



Specification For HT-300 Ton Moulding Machine

INJECTION UNIT		UNIT	A	B	C	A	B	C	A	B	C
Injection Capacity Max. (GPPS)	Gm		494	597	711	816	958	1111	1254	1638	2073
Theoretical Displacement	CC		530	642	764	877	1029	1194	1348	1760	2228
Injection Pressure	Bar		2047	1692	1421	2000	1704	1469	2279	1745	1378
Injection Rate	CC/Sec.		236	285	339	242	284	330	249	325	412
Injection Screw Stroke	mm			270 + 10			310 + 10			350 + 10	
Screw Diameter	mm		50	55	60	60	65	70	70	80	90
Screw L/D Ratio			23	20.9	19	23	21.2	19.7	23	20.1	17.8
Screw Speed	RPM			247			180			110	
Heater Zone (Barrel + Nozzle)	Nos			4+1			5+1			5+1	
Total Heating Capacity	kw			16.3			25			35	
CLAMP UNIT											
Clamp Force	Ton			300			300			300	
Clamp Stroke	mm			610			610			610	
Maximum Daylight	mm			1360			1360			1360	
Maximum Mould Height	mm			750			750			750	
Minimum Mould Height	mm			200			200			200	
Platen Size (H X V)	mm			940 X 940			940 X 940			940 X 940	
Distance Between Tiabar	mm			660 X 660			660 X 660			660 X 660	
Tiabar Diameter	mm			115			115			115	
Ejector Force	Ton			7.4			7.4			7.4	
Ejector Stroke	mm			160			160			160	
GENERAL DATA											
Max. System Pressure	Bar			150			150			150	
Pump Motor	kw (hp)			32 (43)			32 (43)			32 (43)	
Heaters Power	kw (hp)			16.3 (22)			25 (34)			35 (47)	
Total Connected Load	kw (hp)			48.3 (65)			57 (77)			67 (90)	
Oil Tank Capacity	Ltrs.			700			700			700	
Water Req. (Inlate Temp. 29?C)	lpm			100			100			100	
Machine Dimensions (L X W X H)	Ft. (Mtr.)			(24 X 7 X 9) (7.2 X 1.9 X 2.8)			(24 X 7 X 9) (7.2 X 1.9 X 2.8)			(24 X 7 X 9) (7.2 X 1.9 X 2.8)	
Machine Weight	Tons			12.5			12.5			12.5	

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

