



### Specification For HT-180 Ton Moulding Machine

INJECTION UNIT	UNIT	A	B	C	A	B	C	A	B	C
Injection Capacity Max. (GPPS)	Gm	234	296	366	355	439	531	494	597	711
Theoretical Displacement	CC	251	318	393	382	471	570	530	642	764
Injection Pressure	Bar	2231	1763	1428	2133	1728	1428	2047	1692	1421
Injection Rate	CC/Sec.	133	169	209	157	193	234	147	178	212
Injection Screw Stroke	mm		200 + 10			240 + 10			270 + 10	
Screw Diameter	mm	40	45	50	45	50	55	50	55	60
Screw L/D Ratio		23	20.4	18.3	23	20.7	18.8	23	20.9	19
Screw Speed	RPM		313			210			154	
Heater Zone (Barrel + Nozzle)	Nos		4+1			4+1			4+1	
Total Heating Capacity	kw		10.5			13.5			16.5	
<b>CLAMP UNIT</b>										
Clamp Force	Ton		180			180			180	
Clamp Stroke	mm		450			450			450	
Maximum Daylight	mm		1030			1030			1030	
Maximum Mould Height	mm		580			580			580	
Minimum Mould Height	mm		200			200			200	
Platen Size ( H X V )	mm		750 X 750			750 X 750			750 X 750	
Distance Between Tiabar	mm		510 X 510			510 X 510			510 X 510	
Tiabar Diameter	mm		90			90			90	
Ejector Force	Ton		4.5			4.5			4.5	
Ejector Stroke	mm		135			135			135	
<b>GENERAL DATA</b>										
Max. System Pressure	Bar		150			150			150	
Pump Motor	kw (hp)		18.5 ( 25 )			18.5 ( 25 )			18.5 ( 25 )	
Heaters Power	kw (hp)		10.5 ( 14 )			13.5 ( 18 )			16.5 ( 22 )	
Total Connected Load	kw (hp)		29 ( 39 )			32 ( 43 )			35 ( 47 )	
Oil Tank Capacity	Ltrs.		410			410			410	
Water Req. (Inlate Temp. 29°C)	lpm		75			75			75	
Machine Dimensions ( L X W X H )	Ft. (Mtr.)		(20 X 6 X 7) (6 X 1.7 X 2)			(20 X 6 X 7) (6 X 1.7 X 2)			(20 X 6 X 7) (6 X 1.7 X 2)	
Machine Weight	Tons		7.5			7.5			7.5	

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

