

## TECHNICAL SPECIFICATIONS

Model		SPRINT 650 TON		
Injection Unit		A	B	C
Screw Diameter	mm	90	100	110
Injection Capacity(PS)	gm	2448	3021	3655
<b>Injection Capacity(PP)</b>	<b>gm</b>	<b>1714</b>	<b>2115</b>	<b>2559</b>
Injection Pressure	bar	1880	1520	1260
Injection Rate (PS)	cc/s	556	687	831
Screw stroke	mm	405		
L/D Ratio		24.4	22	20
Screw Speed	rpm	140		
Total Heating Capacity	kw	53.4		
Clamp Unit				
Clamp Force	ton	650		
Clamp Stroke	mm	<b>1250--1750</b>		
Maximum Day Light	mm	2200		
Minimum Mould height	mm	450		
Maximum Mould height	mm	950		
Platen Size	mm	1430 x 1425		
Tie bar distance	mm	<b>950 x 950</b>		
Ejector Stroke	mm	200		
Ejector Force	kn	148		
General				
Total Connected Load	kw	127.4		
Servo Motor	kw	34+34		
Servo Drive	kw	37+37		
Oil Capacity	Ltr	800		
Machine Dimension ( L x W x H )	Mtr.	11 x 2.6 x 3.12		
Machine Weight	ton	35		
Water Requirement	LPM	200		