

Technical Specification of Insert Moulding Machine • VP Series



Description	Unit	VP30	VP 50	VP 70	VP 100
Injection Unit					
Screw Meter	MM	25.4	30	35	40
Injection Pressure	BAR	1560	1850	1530	1600
System Pressure	BAR	125	150	125	150
Screw Stroke+SB	MM	115 +10	135+10	135+10	140+10
Stroke Volume	CC	58	95	130	180
Shot Weight (PS)	GMS	50	86	116	160
Injection Rate	GMS/SEC	35	50	48	87
Injection Time	SECOND	1.4	2.2	2.3	1.8
Plasticising Cap.(PS) **Max.Speed	GMS/SEC	5	10.5	8.3	14
L/D Ratio		21:01	21:01	21:01	22:01
Screw Revolution	RPM	240	280	225	230
Heating Capacity	KW	4.2	5.2	7.25	9.1
No. of Heating Zone		4	4	4	5
Nozzle Contact Force	Tonnes	2.8	2.2	3	2.5
Locating Ring Diameter	MM	75	100	110	125
Nozzle Centre	MM	198	198	198	198
Locking Unit					
Type(Integrated Cast)		Horizontal	Vertical	Horizontal	Vertical
Clamping Force	Tonnes	30	50	80	100
Mold Opening Stroke	MM	200	265	300	360
Max/Min Mold Height	MM	250/100	320/120	360/150	450/160
Max. Daylight	MM	450	585	660	810
Distance Bet. Tie Bar	MM	250 X 250	310 X 310	360 X 360	410 410
Size Of Mold Platten	MM	400 x 400	480 X 480	540 x 540	615 x 615
Ejector Force	Tonnes	2.5	2.9	3.5	4.5
Ejector Stroke	MM	60	70	60	130
General Data					
Pump Drive	KW	5	7.5	7.5	11
Total Load	KW	9.2	12.7	14.75	20.1
Oil Tank Capacity	Litre	110	135	175	200