

KESTREL

PLASTEK - 50

PLASTEK - 100 WP

PLASTEK - 150



- Direct Hydraulic clamping (Ram Lock)
- Meant for High precision part manufacturing
- Lowest Maintenance Cost
- Cartridge Hydraulics makes smooth operation
- Rigid platens for lowest deflection
- User friendly controller

Plastic Injection Molding Machine

Manufactured and Marketed by : Moldwell Products India Pvt Ltd.,

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Specifications	Unit	A	B	C	A	B	A	B
INJECTION SIDE								
Screw Dia	mm	28	32	36	36	40	45	50
Injection Pressure	kg/cm ²	2480	1900	1500	2446	1980	2600	2100
Injection Volume	cm ³	77	100	127	152	188	317	392
Shot Weight PS	gram	69	90	114	136	169	285	352
Shot Weight PE	gram	55	72	92	110	136	265	333
Screw Stroke	mm	125+5	125+5	125+5	150+5	150+5	200+5	200+5
Injection Rate	cm ³ /sec	53	69	88	125	155	137	169
Injection Speed	mm/sec	86	86	86	123	123	86.3	86.3
Plasticizing Capacity	kg/hr	22	24.5	32	55	77	93	122
Max. Screw Speed	rpm	300	250	250	340	340	350	350
L/D Ratio		20:01	20:01	20:01	22:01	20:01	20:01	20:01
Nozzle Contact Force	ton	1.1	1.1	1.1	3.4	3.4	3.4	3.4
Heater Capacity	kw		5.8		5.8		12.5	
CLAMPING SIDE								
Clamp Force	ton		50		100		150	
Mold Opening Force	ton		2.3		6.1		6	
Distance Bet. Tie Bars	mm		320x320		460x430		520x520	
Platen Dimensions WxH	mm		500x520		700x695		770x790	
Maximum Day Light	mm		500		750		900	
Minimum Mold Height	mm		150		200		250	
Mold Closing Speed-Max	m/min		40		40		40	
Mold Opening Speed-Max	m/min		40		40		40	
Ejector Force	ton		1.8		3.2		4.5	
Ejector Stroke	mm		75		100		125	
GENERAL								
Pump Motor	kw		7.5		11		22	
Oil Tank Capacity	ltr		125		250		300	
M/C Dimension LxHxW	mm		4000x1000x2000		5000x1200x2000			
Machine Weight	ton		4		5		7	
System Pressure	bar		150		165		165	