



# **VERTICAL INJECTION MOLDING MACHINE**

**V SERIES  
SINGLE SLIDE PLATEN**

# Delicacy-perfection V series injection molding machine

1. Occupy minimum space, exquisite and nimble, it can reduce cost and promote the product quality.
2. Adopt slider design, easy operation, it is suitable for inserting molding.
3. Adopt "light curtain" safety system to promote the operator safety.

## TECHNICAL DATA

MODEL		V300			V450			V550			V850			V1200			V1500			
ITEM		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
INJECTION UNIT	Screw symbol																			
	Screw diameter	mm	24	26	28	26	28	30	30	34	38	34	38	42	38	42	48	42	48	52
	Injection pressure	bar	1956	1667	1437	1988	1714	1493	2030	1580	1265	2064	1652	1353	2421	1982	1517	1982	1517	1293
	Theoretical shot volume	cm <sup>3</sup>	45	53	61	63	73	84	106	136	170	154	192	235	226	277	362	304	398	467
	Shot weight(PS)	g	40	47	54	56	65	75	95	122	153	138	172	211	204	249	325	273	358	420
	Injection rate	cm <sup>3</sup> /s	32	38	44	38	44	51	56	72	90	73	91	112	87	117	140	129	169	198
	Screw revolution	rpm	220			220			220			220			200			200		
	Temperature controller		1+3			1+3			1+3			1+3			1+3			1+3		
CLAMPING UNIT	Mold Clamping force	kn	300			450			600			850			1200			1500		
	Opening stroke	mm	200			200			250			280			280			280		
	Space between tie bars	mm	355X205			410X250			510X300			560X340			610X380			660X420		
	Mold platen	mm	510X350			570X400			680X500			750X550			820X600			900X650		
	Slide platen	mm	350X350			400X400			500X500			550X550			600X600			650X650		
	Min. Mold height	mm	140			150			200			220			250			280		
	Daylight opening	mm	340			350			450			500			530			560		
	Ejector stroke	mm	90			90			90			130			150			150		
OTHER	Ejector force	kn	15			15			15			32			32			32		
	Pump driving motor	kW/HP	3.7 / 5			5.5 / 7.5			7.5 / 10			11 / 15			15 / 20			18.5 / 25		
	Heater	kW	4.45			4.8			5.4			6			7.2			7.8		
	Machine weight	kg	1100			2000			2800			3800			4800			5800		
	Machine dimensions(LxWxH)	m	1.7X1.2X2.37			1.8X1.3X2.7			2X1.5X3.5			2.3X1.7X4.2			2.4X1.8X4.3			2.5X1.9X4.5		
Oil tank capacity	l	100			130			150			180			200			250			

Remarks: Due to continual improvements, specifications are subject to change without notice.



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