

Closed Loop Energy Saving Two-Platen Series

Machine Model	Unit	SM700V		SM900V		SM1200V		SM1500V		SM1800V		SM2500V		SM3200V					
International Size Code		5180 / 700		7236 / 900		11172 / 1200		13854 / 1500		19792 / 1800		26119 / 2500		26119 / 3200					
Injection System																			
Theoretical shot volume	cm ³	2554	3190	4277	3190	4277	5973	5322	7433	9247	7433	9247	13210	16085	18096	22902	18096	22902	
	oz	83	103	139	103	139	193	172	241	300	241	300	428	521	586	742	586	742	
Shot Weight(PS)	g	2349	2935	3934	2935	3934	5495	4896	6838	8508	6838	8508	12154	14798	16648	21070	16648	21070	
Screw Diameter	mm	85	95	110	95	110	130	110	130	145	130	145	145	160	160	180	160	180	
Injection Pressure	kgf/cm ²	2020	1620	1210	2260	1690	1210	2090	1500	1200	1860	1490	1490	1230	1440	1140	1440	1140	
Injection Rate	cm ³ /sec	560	699	937	739	990	1383	969	1354	1684	1213	1509	1509	1838	1814	2295	1792	2268	
Screw Stroke	mm	450		450		560		560		800		900		900		900		900	
Screw Rotation	rpm	0-120		0-120		0-120		0-120		0-120		0-120		0-100		0-100		0-100	
Plasticizing Capacity(PS)	g/sec	62	77	103	77	116	162	116	162	201	162	201	201	327	272	373	272	373	
Clamping System																			
Clamping Force	ton	700		900		1200		1500		1800		2500		3200		3200		3200	
Opening Stroke	mm	1900		2100		2300		2400		2600		2700		3000		3000		3000	
Max. Daylight	mm	2300		2600		2900		3100		3300		3500		3800		3800		3800	
Mold Height(min-max)	mm	400-1100		500-1200		600-1300		700-1400		700-1500		800-1700		800-2000		800-2000		800-2000	
Space Between Tie Bar	mmxmm	960x960		1060x1060		1220x1220		1520x1420		1820x1520		2020x1620		2220x1860		2220x1860		2220x1860	
Platen Dimension(H*V)	mmxmm	1460x1440		1740x1740		2000x2000		2400x2400		2460x2400		2890x2490		3200x2900		3200x2900		3200x2900	
Hydraulic Ejector	tonxmm	16x250		18x250		20x250		20x250		30x300		30x300		44x500		44x500		44x500	
Power System																			
IPM Motor	Kw	13x3+11x1		13x5		13x6		13x6		13x6+11x1		13x6+11x1		13x7+11x1		13x7+11x1		13x7+11x1	
Std Pump Motor	Kw	18.5		22		37		56		56		56		56		56		56	
Heating Capacity	Kw	37.1		46.4		48.1		60.3		60.3		64.1		67.8		67.2		81.3	
Max. System Pressure	kgf/cm ²	175		175		175		175		175		175		175		175		175	
Oil Tank Capacity	liter	1200		1400		2000		3000		3000		3000		3000		3000		3000	
General																			
Machine Dimension	LxWxH(m)	8.5x2.8x2.6		9.9x3.1x2.7		10.9x3.7x3		12x3.8x3.2		13.6x4.7x3.4		15.5x4.9x3.8		18.1x5.2x4		18.1x5.2x4		18.1x5.2x4	
Machine Weight	ton	29.5		49.7		68.3		84.4		110		172.3		224.1		224.1		224.1	

Note : ※ Specifications applied to 220V/60HZ. (Subject to change without notice.)

※ 15kw instead of 13kw of IPM motor applied to 380V-440V.

※ Height of feeding platform excluded in the machine dimension.

※ Two-platen SM550 is a customized model.

※ 11kw of IMP motor applied to 200V-440V.