

Closed Loop Energy Saving Giant Series

Machine Model	Unit	SM600V	SM850V	SM850V	SM1100V	SM1100V	SM1400V	SM1400V	
International Size Code		5071 / 600		6542 / 850		11172 / 1100		13854 / 1400	
Injection									
Theoretical shot volume	cm ³	2326	2920	3396	3927	5322	6333	6333	7432
	oz	75.6	95	110.4	127.7	173	205.9	205.9	241.6
Shot Weight(PS)	g	2140	2687	3125	3613	4896	5827	5827	6838
Screw Diameter	mm	83	93	93	100	110	120	120	130
Injection Pressure	kgf/cm ²	2180	1730	1920	1660	2090	1760	2180	1860
Injection Rate	cm ³ /sec	477	598.9	610.2	705.5	759.5	903.9	829.8	973.9
Screw Stroke	mm		430		500		560		560
Screw Rotation	rpm		0-130		0-130		0-125		0-120
Plasticizing Capacity(PS)	g/sec	63.5	79.7	79.7	92.2	120.6	143.5	137.8	161.7
Clamping System									
Clamping Force	ton		700		950		1200		1400
Opening Stroke	mm		900		1000		1250		1350
Max. Daylight	mm		2000		2200		2550		2750
Mold Height(min-max)	mm		350-1100		400-1200		500-1300		700-1400
Space Between Tie Bar	mm x mm		860x860		1080x1020		1250x1250		1420x1420
Platen Dimension(H*V)	mm x mm		1320x1325		1620x1575		1820x1820		2050x2050
Hydraulic Ejector	ton x mm		14x250		14x250		21.5x400		21.5x400
Power System									
IPM Motor	Kw		13x3+11x1		13x4+11x1		13x6		13x6+11x1
Heating Capacity	Kw		35		35.4		48.1		64.1
Max. System Pressure	kgf/cm ²		175		175		175		175
Oil Tank Capacity	liter		1000		1200		1800		2200
General									
Machine Dimension	LxWxH(m)		10.8x2.1x2.2		11.5x2.4x2.4		12.4x2.6x2.7		13.7x2.9x2.8
Machine Weight	ton		35		45		55		78.5

Note : ※ Specifications applied to 220V/60HZ. (Subject to change without notice.) ※ 15kw instead of 13kw of IPM motor applied to 380V-440V.

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

Mold Platen size

