



## SE600S (Metric Units)

All-Electric

[www.sumitomoPM.com](http://www.sumitomoPM.com)

### CLAMP SPECIFICATIONS

Clamping force	tonf	600
Distance between tie-bars	mm	970 x 970
Overall size of platens (H x V)	mm	1410 x 1397
Open daylight (max.)	mm	1700
Mold space (min.-max.)	mm	400 - 800
Opening stroke (max.)	mm	900
Mold open/close speed (max.)	mm/sec	1000
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm, 711mm (21 points)
Ejector stroke	mm	200
Ejector force	tonf	13

### INJECTION SPECIFICATIONS

Plasticizing unit		C2170L		C3750L	
Screw diameter	mm	71	80	80	90
Injection Pressure (@ 30% max. DC)	kgf/cm <sup>2</sup>	1900	1500	2050	1620
Holding Pressure (@ 30% max. DC)	kgf/cm <sup>2</sup>	1520	1200	1640	1296
Injection capacity	cm <sup>3</sup>	1140	1450	1810	2290
Injection weight (GPPS)	g	1090	1390	1740	2200
	oz	38.8	49.3	61.5	77.9
Plasticizing capacity (max.)	kg/hr	322	333	333	390
Injection rate (max.)	cm <sup>3</sup> /sec	713	905	653	827
Screw stroke	mm	288		360	
Injection speed (max.)	mm/sec	180		130	
Screw speed (max.)	rpm	280	220	220	200
Heater capacity (4/5 zones)	KW	31.3 (4)	34.3 (4)	39.3 (5)	43.3 (5)
Nozzle contact force	kgf	2500		6000	
Injection unit stroke (penetration)	mm	540 (65)		540 (65)	
Hopper capacity	ℓ	100		100	

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	250 @ 200V	150 @ 480V
Machine dimensions (L x W x H)	mm	8300 x 2300 x 2400	8600 x 2300 x 2400
Machine weight	tonf	30.0	36.0

**NOTE:** Specifications subject to change without notice. Machine series photo at top may be different model size.