



SE600S (English Units)

All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	U.S. tons	660
Distance between tie-bars	in	38.19 x 38.19
Overall size of platens (H x V)	in	55.51 x 55.00
Open daylight (max.)	in	66.93
Mold space (min.-max.)	in	15.75 - 31.50
Opening stroke (max.)	in	35.43
Mold open/close speed (max.)	in/sec	39.4
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in, 28.0 in (21 points)
Ejector stroke	in	7.87
Ejector force	U.S. tons	14.3

INJECTION SPECIFICATIONS

Plasticizing unit		C2170L		C3750L	
		mm	in	mm	in
Screw diameter	mm	71	80	80	90
Injection Pressure (@ 30% max. DC)	p.s.i.	27,020	21,330	29,151	23,036
Holding Pressure (@ 30% max. DC)	p.s.i.	21,620	17,064	23,320	18,429
Injection capacity	in ³	69.5	88.5	110.4	139.7
Injection weight (GPPS)	g	1090	1390	1740	2200
	oz	38.8	49.2	61.5	77.9
Plasticizing capacity (max.)	lb/hr	708	732	732	858
Injection rate (max.)	in ³ /sec	43.5	55.2	39.8	50.4
Screw stroke	in	11.34		14.17	
Injection speed (max.)	in/sec	7.09		5.12	
Screw speed (max.)	rpm	380	220	220	200
Heater capacity (4/5 zones)	KW	31.3 (4)	34.3 (4)	39.3 (5)	43.3 (5)
Nozzle contact force	U.S. tons	2.75		6.6	
Injection unit stroke (penetration)	in	21.26 (2.56)		21.26 (2.56)	
Hopper capacity	in ³	6102		6102	

MACHINE SPECIFICATIONS

Main breaker capacity	amps	250 @ 200V	150 @ 480V
Machine dimensions (L x W x H)	in	327 x 91 x 95	339 x 91 x 95
Machine weight	U.S. tons	33.0	39.6

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