



# SE220HS (English Units)

## High-Speed All-Electric

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

### CLAMP SPECIFICATIONS

Clamping force	U.S. tons	242
Distance between tie-bars	in	24.02 x 22.05
Overall size of platens (H x V)	in	34.65 x 32.68
Open daylight (max.)	in	44.49
Mold space (min.-max.)	in	11.81 – 22.83
Opening stroke (max.)	in	21.65
Mold open/close speed (max.)	in/sec	51.18
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in (13 points)
Ejector stroke	in	5.91
Ejector force	U.S. tons	6.61

### INJECTION SPECIFICATIONS

Plasticizing unit		C560M						C900L			
		28	32	36	40	45	50	45	50	56	
Screw diameter	mm	28	32	36	40	45	50	45	50	56	
Injection pressure	p.s.i.	42,185	40,183	39,611	40,040	31,460	25,454	38,830	31,434	25,033	
Holding pressure	p.s.i.	42,185	40,183	39,611	32,032	25,168	20,363	31,007	25,003	19,913	
Injection capacity	in <sup>3</sup>	5.2	7.9	9.9	12.2	15.5	19.2	20.1	24.8	31.1	
Injection weight (GPPS)	g	83	124	156	193	244	302	316	390	489	
	oz	2.9	4.4	5.5	6.8	8.7	10.7	11.2	13.8	17.3	
Plasticizing capacity (max.)	lb/hr	82	117	168	223	300	425	328	445	542	
Screw speed (max.)	rpm	400								360	
Heater capacity (6 zones)	KW	6.6	7.6	8.5	10.4	11.1	11.3	23.3	26.8	31.2	
Injection rate (max.)	in <sup>3</sup> /sec	11.3	14.7	18.6	23.0	29.1	35.9	29.1	35.9	45.1	
Injection speed (max.)	in/sec	11.81									
Screw stroke	in	5.51	6.30					8.15			
Nozzle contact force	U.S. tons	6.61									
Inj. unit stroke (penetration)	in	17.72 (2.56)									
Hopper capacity	in <sup>3</sup>	3051						6102			

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230V
Dimensions (L x W x H)	in	253 x 62 x 81
Machine weight	U.S. tons	11.1

**NOTE:** Specifications subject to change without notice.