



## SE450HY (English Units)

High-Speed Hybrid-Electric

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

### CLAMP SPECIFICATIONS

Clamping force	U.S. tons	495
Distance between tie-bars	in	32.28 x 32.28
Overall size of platens (H x V)	in	48.03 x 47.64
Open daylight (max.)	in	63.00
Mold space (min.-max.)	in	13.78 - 31.50
Opening stroke (max.)	in	31.50
Mold open/close speed (max.)	in/sec	39.37
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in, 28.0 in (H) (17 points)
Ejector stroke	in	6.89
Ejector force	U.S. tons	11.02

### INJECTION SPECIFICATIONS

Plasticizing unit		C3300L	
Screw diameter	mm	80	90
Injection pressure	p.s.i.	32,000	25,180
Holding pressure	p.s.i.	32,000	25,180
Injection capacity	in <sup>3</sup>	88.4	111.8
Injection weight (GPPS)	g	1390	1760
	oz	49.0	62.1
Plasticizing capacity (max.)	lb/hr	970	1091
Screw speed (max.)	rpm	320	280
Heater capacity (5 zones)	KW	39	53
Injection rate (max air shot)	in <sup>3</sup> /sec	191.7	242.6
Injection speed (max air shot)	in/sec	24.6	
Screw stroke	in	11.34	
Nozzle contact force	U.S. tons	7.39	
Injection unit stroke (penetration)	in	20.67 (2.56)	
Hopper capacity	in <sup>3</sup>	6102	

### MACHINE HYDRAULIC SPECIFICATIONS

Hydraulic drive motor	hp	40
Hydraulic system pressure	psi	2750
Oil reservoir capacity	gal	80

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	250 @ 230V 200 @ 480V
Machine dimensions (L x W x H)	in	343 x 75 x 87
Machine weight	U.S. tons	27.6

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