



## SE130D (English Units)

Direct-Drive All-Electric

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

### CLAMP SPECIFICATIONS

Clamping force	U.S. tons	143
Distance between tie-bars	in	20.08 x 18.11
Overall size of platens (H x V)	in	28.35 x 26.38
Open daylight (max.)	in	32.48
Mold space (min.-max.)	in	7.09 - 17.72
Opening stroke (max.)	in	14.76
Mold open/close speed (max.)	in/sec	47.2
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in (5 points)
Ejector stroke	in	3.94
Ejector force	U.S. tons	3.63

### INJECTION SPECIFICATIONS

Plasticizing unit		C250M			C360M			C450M		
Screw diameter	mm	28	32	36	32	36	40	36	40	45
Injection pressure	p.s.i.	41,240	31,570	24,890	39,670	31,280	24,320	37,680	30,430	24,030
Holding pressure	p.s.i.	32,990	25,250	19,910	31,740	25,030	19,450	30,150	24,340	19,230
Injection capacity	in <sup>3</sup>	5.2	6.9	8.7	7.9	9.9	12.3	9.9	12.3	15.5
Injection weight (GPPS)	g	83	108	137	124	156	193	156	193	244
	oz	2.9	3.8	4.8	4.4	5.5	6.8	5.5	6.8	8.7
Plasticizing capacity (max.)	lb/hr	81	117	167	117	167	222	167	222	328
Injection rate (max.)	in <sup>3</sup> /sec	11.3	14.7	18.6	14.7	18.6	23.0	18.6	23.0	29.1
Screw stroke	in	5.51			6.30			6.30		
Injection speed (max.)	in/sec	11.8			11.8			11.8		
Screw speed (max.)	rpm	400			400			400		
Heater capacity (4 zones)	KW	6.6	7.6	8.5	7.6	8.5	10.5	8.5	10.5	11.1
Nozzle contact force	U.S. tons	1.32			1.32			1.32		
Injection unit stroke (penetration)	in	13.19 (1.77)			13.19 (1.77)			13.19 (1.77)		
Hopper capacity	in <sup>3</sup>	1831			1831			3051		

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	175	175	175
Machine dimensions (L x W x H)	in	197 x 49 x 75	197 x 49 x 75	197 x 49 x 75
Machine weight	U.S. tons	5.9	6.0	6.1

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