



## SE250EV-A<sup>HD</sup> (English Units)

High-Duty Mid-Sized All-Electric



### CLAMP SPECIFICATIONS

[www.sumitomo-shi-demag.us](http://www.sumitomo-shi-demag.us)

Clamping force	U.S. tons	281
Distance between tie-bars	in	25.98 x 25.98
Overall size of platens (H x V)	in	36.61 x 36.61
Open daylight max. - standard	in	48.23
- With opt. 100 mm extension		52.17
- With opt. 200 mm extension		NA
Mold space min. - max.	in	7.87 – 23.62
- With opt. 100 mm extension		7.87 – 27.56
- With opt. 200 mm extension		NA
Mold opening stroke max.	in	24.61
Mold open/close speed max.	in/s	56.34
Locating ring diameter	in	4.72
Ejector pattern		Center (13 points)
Ejector force (with opt. added force)	U.S. tons	6.74 (11.24)
Ejector speed max.	in/s	10.51
Ejector stroke	in	8.66
Mold loading max. (moving side)	lbs	6173 (4079)

### INJECTION SPECIFICATIONS

Plasticizing unit		C750HD		C1100HD		
		mm	50	50	56	63
Screw diameter	mm	45	50	50	56	63
Injection pressure max.	p.s.i.	31,183	25,237	33,359	27,122	21,466
Holding pressure max.	p.s.i.	31,183	25,237	33,359	27,122	21,466
Injection capacity	in <sup>3</sup>	20.6	25.4	31.1	39.1	49.4
Injection weight (GPPS)	g	323	399	490	614	778
	oz	11.4	14.1	17.3	21.7	27.4
Plasticizing capacity max.	lb/hr	216	295	333	423	500
Injection rate max. (opt. high-velocity filling)	in <sup>3</sup> /s	15.5 (27.2)	19.2 (33.5)	19.2 (33.5)	24.0 (42.0)	30.4 (53.2)
Screw stroke	in	8.3		10.2		
Injection speed max. (opt. high-velocity filling)	in/s	6.3 (11.0)				
Screw speed max.	rpm	250				
Number of temperature control zones		5		6		
Heater capacity (6 zones)	kW	11.1	12.2	19.2	21.1	28.4
Nozzle contact force	U.S. tons	4.83		6.52		
Injection unit stroke (penetration)	in	15.55 (2.56)				
Hopper capacity	in <sup>3</sup>	3051		6102		

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230 V
Machine dimensions (L x W x H)	in	259 x 72 x 80
Machine weight	U.S. tons	12.2

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