



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

High-Duty Mid-Sized All-Electric



### CLAMP SPECIFICATIONS

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

Clamping force	kN/tonf	2500 / 255
Distance between tie-bars	mm	660 x 660
Overall size of platens (H x V)	mm	930 x 930
Open daylight max. - standard	mm	1225
- With opt. 100 mm extension		1325
- With opt. 200 mm extension		NA
Mold space min. - max.	mm	200 – 600
- With opt. 100 mm extension		200 – 700
- With opt. 200 mm extension		NA
Mold opening stroke max.	mm	625
Mold open/close speed max.	mm/s	1431
Locating ring diameter	mm	120
Ejector pattern		Center (13 points)
Ejector force (with opt. added force)	kN	60 (100)
Ejector speed max.	mm/s	267
Ejector stroke	mm	220
Mold loading max. (moving side)	kg	2800 (1850)

### INJECTION SPECIFICATIONS

Plasticizing unit		C750HD		C1100HD		
Screw diameter	mm	45	50	50	56	63
Injection pressure max.	kgf/cm <sup>2</sup>	2192	1774	2345	1907	1509
Holding pressure max.	kgf/cm <sup>2</sup>	2192	1774	2345	1907	1509
Injection capacity	cm <sup>3</sup>	337	416	510	640	810
Injection weight (GPPS)	g	323	399	490	614	778
	oz	11.4	14.1	17.3	21.7	27.4
Plasticizing capacity max.	kg/hr	98	134	151	192	227
Injection rate max. (opt. high-velocity filling)	cm <sup>3</sup> /s	254 (445)	314 (549)	314 (549)	394 (689)	498 (872)
Screw stroke	mm	212		260		
Injection speed max. (opt. high-velocity filling)	mm/s	160 (280)				
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	kN	43		58		
Injection unit stroke (penetration)	mm	395 (65)				
Hopper capacity	liter	50		100		

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230 V
Machine dimensions (L x W x H)	mm	6566 x 1832 x 2025
Machine weight	Metric tons	11.1

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