



# SE350EV-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	3500 / 357
Distance between tie-bars	mm	830 x 830
Overall size of platens (H x V)	mm	1140 x 1140
Open daylight max. - standard	mm	1425
- With opt. 100 mm extension		1525
- With opt. 200 mm extension		1625
Mold space min. - max.	mm	350 – 700
- With opt. 100 mm extension		350 – 800
- With opt. 200 mm extension		350 - 900
Mold opening stroke max.	mm	725
Mold open/close speed max.	mm/s	1346
Locating ring diameter	mm	101.6
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	5200 (3450)

## INJECTION SPECIFICATIONS

Plasticizing unit		C1100HD			C1600HD			C2200HD		
Screw diameter	mm	50	56	63	56	63	71	63	71	80
Injection pressure max.	kgf/cm <sup>2</sup>	2345	1907	1509	2345	1917	1509	2203	1917	1509
Holding pressure max.	kgf/cm <sup>2</sup>	2345	1907	1509	2345	1917	1509	2203	1917	1509
Injection capacity	cm <sup>3</sup>	510	640	810	714	904	1148	997	1266	1608
Injection weight (GPPS)	g	490	614	778	685	867	1102	957	1216	1544
	oz	17.3	21.7	27.4	24.2	30.6	38.9	33.8	42.9	54.5
Plasticizing capacity max.	kg/hr	151	192	227	192	227	230	227	230	303
Injection rate max. (opt. high-velocity filling)	cm <sup>3</sup> /s	314 (549)	394 (689)	498 (872)	394 (689)	498 (872)	633 (1108)	498 (872)	633 (1108)	804 (1407)
Screw stroke	mm	260			290			320		
Injection speed max. (opt. high-velocity filling)	mm/s	160 (280)								
Screw speed max.	rpm	250					200	250	200	
Number of temperature control zones		6								
Heater capacity	kW	19.2	21.1	28.4	21.1	28.4	30.5	28.4	30.5	34.6
Nozzle contact force	kN	58								
Injection unit stroke (penetration)	mm	450 (65)								
Hopper capacity	liter	100								

## MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230 V
Machine dimensions (L x W x H)	mm	7446 x 2072 x 2147
Machine weight	Metric tons	16.5

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