



**SE315EV-A<sup>-HD</sup>** (Metric Units)  
 High-Duty Mid-Sized All-Electric  
 Including **NEW High-Speed CT-6 Spec**



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

**CLAMP SPECIFICATIONS**

Clamping force	kN/tonf	3150 / 321
Distance between tie-bars	mm	730 x 730
Overall size of platens (H x V)	mm	1020 x 1020
Open daylight max. - standard	mm	1325
- With opt. 100 mm extension		1425
- With opt. 200 mm extension		NA
Mold space min. - max.	mm	300 – 650
- With opt. 100 mm extension		300 – 750
- With opt. 200 mm extension		NA
Mold opening stroke max.	mm	675
Mold open/close speed max.	mm/s	1394
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	3800 (2500)

**INJECTION SPECIFICATIONS**

Plasticizing unit		C1100			C1600			C2200		
		50	56	63	56	63	71	63	71	80
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. <b>CT-6 Spec (opt.)</b>	kg/hr	151	192	227	192	227	230	227	230	303
		<b>126</b>	<b>171</b>	<b>227</b>	<b>171</b>	<b>227</b>	<b>234</b>	<b>227</b>	<b>234</b>	<b>275</b>
Injection rate max. (opt. high-velocity filling) <b>CT-6 Spec (opt.)</b>	cm <sup>3</sup> /s	314	394	498	394	498	633	498	633	804
		(549) <b>608</b>	(689) <b>763</b>	(872) <b>966</b>	(689) <b>763</b>	(872) <b>966</b>	(1108) <b>1227</b>	(872) <b>966</b>	(1108) <b>1227</b>	(1407) <b>1558</b>
Screw stroke	mm	260			290			320		
Injection speed max. (opt. high-velocity filling) <b>CT-6 Spec (opt.)</b>	mm/s				160 (280)					
					<b>310</b>					
Screw speed max.	rpm	250				200	250	200		
Number of temperature control zones		6								
Heater capacity <b>CT-6 Spec (opt.)</b>	kW	19.2	21.1	28.4	21.1	28.4	30.5	28.4	30.5	34.6
		<b>26.7</b>	<b>30.5</b>	<b>37.1</b>	<b>30.5</b>	<b>37.1</b>	<b>42.7</b>	<b>37.1</b>	<b>42.7</b>	<b>45.9</b>
Nozzle contact force	kN	58								
Injection unit stroke (penetration)	mm	420 (65)								
Hopper capacity	liter	100								

**MACHINE SPECIFICATIONS**

Main breaker capacity	amps	225 @ 230 V								
Machine dimensions (L x W x H)	mm	7336* x 1972 x 2059 (* plus opt. mold space extension if applicable)								
Machine weight <b>CT-6 Spec (opt.)</b>	Metric tons	14.3			14.3			14.3		
		<b>15.0</b>			<b>15.1</b>			<b>15.7</b>		

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