



**SE385EV-A<sup>-HD</sup>** (English 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	U.S. tons	433
Distance between tie-bars	in	32.68 x 32.68
Overall size of platens (H x V)	in	44.88 x 44.88
Open daylight max. - standard		58.07
- With opt. 100 mm extension	in	62.01
- With opt. 200 mm extension		NA
Mold space min. - max.		13.78 – 27.56
- With opt. 100 mm extension	in	13.78 – 31.50
- With opt. 200 mm extension		NA
Mold opening stroke max.	in	30.51
Mold open/close speed max.	in/s	56.61
Locating ring diameter	in	4.0
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	11,464 (7606)

**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.	p.s.i.	33,359	27,122	21,466	33,359	27,267	21,466	31,328	27,267	21,466
Holding pressure max.	p.s.i.	33,359	27,122	21,466	33,359	27,267	21,466	31,328	27,267	21,466
Injection capacity	in <sup>3</sup>	31.1	39.1	49.4	43.6	55.2	70.1	60.8	77.3	98.1
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>	lb/hr	333 <b>278</b>	423 <b>377</b>	500 <b>500</b>	423 <b>377</b>	500 <b>500</b>	507 <b>516</b>	500 <b>500</b>	507 <b>516</b>	668 <b>606</b>
	Injection rate max. (opt. high-velocity filling) <b>CT-6 Spec (opt.)</b>	in <sup>3</sup> /s	19.2 (33.5) <b>37.1</b>	24.0 (42.0) <b>46.6</b>	30.4 (53.2) <b>58.9</b>	24.0 (42.0) <b>46.6</b>	30.4 (53.2) <b>58.9</b>	38.6 (67.6) <b>74.9</b>	30.4 (53.2) <b>58.9</b>	38.6 (67.6) <b>74.9</b>
Screw stroke	in	10.2			11.4			12.6		
Injection speed max. (opt. high-velocity filling) <b>CT-6 Spec (opt.)</b>	in/s				6.3 (11.0) <b>12.2</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	U.S. tons	6.52								
Injection unit stroke (penetration)	in	17.72 (2.56)								
Hopper capacity	in <sup>3</sup>	6102								

**MACHINE SPECIFICATIONS**

Main breaker capacity	amps	225 @ 230 V								
Machine dimensions (L x W x H)	in	297* x 82 x 85 (* plus opt. mold space extension if applicable)								
Machine weight <b>CT-6 Spec (opt.)</b>	U.S. tons	18.2			18.2			18.2		
		<b>19.1</b>			<b>19.2</b>			<b>19.8</b>		

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