



SE250EV-A^{-HD} (English Units)
 High-Duty Mid-Sized All-Electric
 Including **NEW High-Speed CT-6 Spec**



CLAMP SPECIFICATIONS

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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	4.0
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	6173 (4079)

INJECTION SPECIFICATIONS

Plasticizing unit		C750		C1100		
		45	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 ³	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. CT-6 Spec (opt.)	lb/hr	216 187	295 267	333 278	423 377	500 500
Injection rate max. (opt. high-velocity filling) CT-6 Spec (opt.)	in ³ /s	15.5 (27.2) 32.0	19.2 (33.5) 39.5	19.2 (33.5) 37.1	24.0 (42.0) 46.6	30.4 (53.2) 58.9
Screw stroke	in	8.3		10.2		
Injection speed max. (opt. high-velocity filling) CT-6 Spec (opt.)	in/s	6.3 (11.0) 13.0		6.3 (11.0) 12.2		
Screw speed max.	rpm	250				
Number of temperature control zones		5		6		
Heater capacity CT-6 Spec (opt.)	kW	11.1 11.1	12.2 11.4	19.2 26.7	21.1 30.5	28.4 37.1
Nozzle contact force	U.S. tons	4.83		6.52		
Injection unit stroke (penetration)	in	15.55 (2.56)				
Hopper capacity	in ³	3051		6102		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230 V
Machine dimensions (L x W x H)	in	259* x 72 x 80 (* plus opt. mold space extension if applicable)
Machine weight CT-6 Spec (opt.)	U.S. tons	12.2 12.8
		12.2 13.9

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