



SE450EV-A^{HD} (English Units)
 High-Duty Mid-Sized All-Electric
 Including **NEW High-Speed CT-6 Spec**



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CLAMP SPECIFICATIONS

Clamping force	U.S. tons	506
Distance between tie-bars	in	36.22 x 36.22
Overall size of platens (H x V)	in	51.18 x 51.18
Open daylight max. - standard		63.98
- With opt. 100 mm extension	in	67.91
- With opt. 200 mm extension		71.85
Mold space min. - max.		13.78 – 31.50
- With opt. 100 mm extension	in	13.78 – 35.43
- With opt. 200 mm extension		13.78 – 39.37
Mold opening stroke max.	in	32.48
Mold open/close speed max.	in/s	43.66
Locating ring diameter	in	4.0
Ejector pattern		Center (21 points)
Ejector force (with opt. added force)	U.S. tons	11.24 (16.86)
Ejector speed max.	in/s	10.51
Ejector stroke	in	8.66
Mold loading max. (moving side)	lbs	16,535 (11,023)

INJECTION SPECIFICATIONS

Plasticizing unit		C2200			C3000		
		mm	71	80	71	80	90
Screw diameter	mm	63	71	80	71	80	90
Injection pressure max.	p.s.i.	31,328	27,267	21,466	31,328	27,122	21,466
Holding pressure max.	p.s.i.	31,328	27,267	21,466	31,328	27,122	21,466
Injection capacity	in ³	60.8	77.3	98.1	87.0	110.4	139.7
Injection weight (GPPS)	g	957	1216	1544	1368	1737	2198
	oz	33.8	42.9	54.5	48.3	61.3	77.5
Plasticizing capacity max. CT-6 Spec (opt.)	lb/hr	500 500	507 516	668 606	507 516	668 606	860 NA
Injection rate max. (opt. high-velocity filling) CT-6 Spec (opt.)	in ³ /s	30.4 (53.2) 58.9	38.6 (67.6) 74.9	49.1 (85.9) 95.1	38.6 (*) 53.2	49.1 (*) 67.4	62.1 (*) NA
Screw stroke	in	12.6			14.2		
Injection speed max. (opt. high-velocity filling) CT-6 Spec (opt.)	in/s	6.3 (11.0) 12.2			6.3 (8.7) 8.7		6.3 (8.7) NA
Screw speed max.	rpm	250	200				
Number of temperature control zones		6					
Heater capacity CT-6 Spec (opt.)	kW	28.4 37.1	30.5 42.7	34.6 45.9	30.5 42.7	34.6 45.9	35.0 NA
Nozzle contact force	U.S. tons	6.52					
Injection unit stroke (penetration)	in	19.49 (2.56)					
Hopper capacity	in ³	6102					

MACHINE SPECIFICATIONS

Main breaker capacity	amps	250 @ 230 V					
Machine dimensions (L x W x H)	in	329* x 89 x 88 (* plus opt. mold space extension if applicable)					
Machine weight CT-6 Spec (opt.)	U.S. tons	26.2 27.4			26.2 28.3		26.2 NA

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

* Consult Sales Representative for these values.