



SE500EV-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	562
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	in	65.94
- With opt. 100 mm extension		69.88
- With opt. 200 mm extension		NA
Mold space min. - max.	in	13.78 – 31.50
- With opt. 100 mm extension		13.78 – 35.43
- With opt. 200 mm extension		NA
Mold opening stroke max.	in	34.45
Mold open/close speed max.	in/s	45.94
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		
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	507	668	507	668	860
		500	516	606	516	606	NA
Injection rate max. (opt. high-velocity filling) CT-6 Spec (opt.)	in ³ /s	30.4 (53.2)	38.6 (67.6)	49.1 (85.9)	38.6 (*)	49.1 (*)	62.1 (*)
		58.9	74.9	95.1	53.2	67.4	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)			6.3 (8.7)		6.3 (8.7)
		12.2			8.7		NA
Screw speed max.	rpm	250	200				
Number of temperature control zones		6					
Heater capacity CT-6 Spec (opt.)	kW	28.4	30.5	34.6	30.5	34.6	35.0
		37.1	42.7	45.9	42.7	45.9	NA
Nozzle contact force	U.S. tons	58					
Injection unit stroke (penetration)	in	495 (65)					
Hopper capacity	in ³	100					

MACHINE SPECIFICATIONS

Main breaker capacity	amps	250 @ 230 V					
Machine dimensions (L x W x H)	in	333* x 89 x 88 (* plus opt. mold space extension if applicable)					
Machine weight CT-6 Spec (opt.)	U.S. tons	26.2			26.2		26.2
		27.4			28.3		NA

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

* Consult Sales Representative for these values.