



# SE50EV-A (English Units)

Advanced All-Electric Series



## CLAMP SPECIFICATIONS

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Clamping force	U.S.tn	56
Distance between tie-bars	in	14.17 x 14.17
Overall size of platens (H x V)	in	19.69 x 19.69
Open daylight (max.)	in	23.62
Mold space (min.-max.)	in	6.3 - 13.78
Opening stroke (max.)	in	9.84
Mold open/close speed (max.)	in/sec	47.24
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in (5 points)
Ejector stroke	in	2.76
Ejector force	U.S.tn	2.36

## INJECTION SPECIFICATIONS

Plasticizing unit		C65S				C110S			C160S		
Screw diameter	mm	18	20	22	25	22	25	28	25	28	32
Injection pressure	p.s.i.	39,740	38,435	31,908	24,656	39,740	30,748	25,237	39,740	31,618	24,221
Holding pressure	p.s.i.	39,740	38,435	31,908	24,656	39,740	30,748	25,237	39,740	31,618	24,221
Injection capacity	in <sup>3</sup>	1.2	1.5	1.8	2.3	2.4	3.1	3.9	3.1	3.9	5.1
Injection weight (GPPS)	g	19	24	28	37	38	49	61	49	61	80
	oz	0.7	0.8	1.0	1.3	1.3	1.7	2.2	1.7	2.2	2.8
Plasticizing capacity (max.)	lb/hr	22	29	40	57	40	57	82	57	82	117
Injection rate	in <sup>3</sup> /sec	8.5	10.6	12.8	16.5	11.6	15.0	18.8	12.0	15.0	19.6
Screw stroke	in	3.07				4.09			4.09		
Injection speed (max.)	in/sec	21.65				19.69			15.75		
Screw speed (rpm)	rpm	400									
Heater capacity (5 zones)	kW	3.1	3.5	3.8	4.2	3.8	4.2	4.8	4.2	4.8	5.4
Nozzle contact force	U.S.tn	1.6				1.6			4.8		
Inj. unit stroke (penetration)	in	9.8 (1.18)				9.8 (1.18)			9.8 (1.18)		
Hopper capacity	in <sup>3</sup>	915				915			915		

## MACHINE SPECIFICATIONS

Main breaker capacity	amps	100
Dimensions (L x W x H)	in	142x43x66
Machine weight	U.S.tn	2.6

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