



## SE50EV (Metric Units)

Advanced All-Electric Series



### CLAMP SPECIFICATIONS

Clamping force	kN	500
Distance between tie-bars	mm	360 x 360
Overall size of platens (H x V)	mm	500 x 500
Open daylight (max.)	mm	600
Mold space (min.-max.)	mm	160 – 350
Opening stroke (max.)	mm	250
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm (5 points)
Ejector stroke	mm	70
Ejector force	kN	21

### INJECTION SPECIFICATIONS

Plasticizing unit		C65S				C110S			C160S		
Screw diameter	mm	18	20	22	25	22	25	28	25	28	32
Injection pressure	kgf/cm <sup>2</sup>	2795	2703	2244	1734	2795	2162	1775	2795	2224	1703
Holding pressure	kgf/cm <sup>2</sup>	2795	2703	2244	1734	2795	2162	1775	2795	2224	1703
Injection capacity	cm <sup>3</sup>	20	25	30	38	40	51	64	51	64	84
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.)	kg/hr	10	13	18	26	18	26	37	26	37	53
Injection rate	cm <sup>3</sup> /sec	140	173	209	270	190	245	308	196	246	322
Screw stroke	mm	78				104			104		
Injection speed (max.)	mm/sec	550				500			400		
Screw speed (rpm)	rpm	400									
Heater capacity (5 zones)	KW	2.9	3.3	3.6	4.2	3.6	4.2	4.8	4.2	4.8	5.4
Nozzle contact force	kgf	1428				1428			1428		
Inj. unit stroke (penetration)	mm	250 (30)				250 (30)			250 (30)		
Hopper capacity	liter	15				15			15		

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	100
Dimensions (L x W x H)	mm	3619x1082x1676
Machine weight	tonf	2.3

**NOTE:** Specifications subject to change without notice.

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