



## SE100EV-HD (Metric Units)

### High-Duty All-Electric

#### CLAMP SPECIFICATIONS

Clamping force	kN	1000
Distance between tie-bars	mm	460 x 460
Overall size of platens (H x V)	mm	650 x 650
Open daylight (max.) (Option B084 selected)	mm	800 (900)
Mold space (min.-max.) (Option B084 selected)	mm	180~450 (180~550)
Opening stroke (max.)	mm	350
Mold open/close speed (max.)	mm/sec	800
Locating ring diameter	mm	100
Ejector pattern		Motor Driven Type (5 Points)
Ejector stroke (Option B110 selected)	mm	100 (150)
Ejector force (Option B108 selected)	kN	32 (59)

#### INJECTION SPECIFICATIONS

Plasticizing unit		C230HD			C430HD		
		mm	28	32	36	36	40
Screw diameter	mm	28	32	36	36	40	45
Injection pressure	kgf/cm <sup>2</sup>	2,896	2,213	1,744	2,753	2,223	1,764
Holding pressure	kgf/cm <sup>2</sup>	2,896	2,213	1,744	2,753	2,223	1,764
Injection capacity	cm <sup>3</sup>	86	112	142	162	201	254
Injection weight (GPPS)	g	82	107	136	155	192	243
	oz	2.9	3.7	4.8	5.5	6.8	8.6
Plasticizing capacity (max.)	kg/hr	37	53	76	76	101	136
Screw speed (max.)	rpm	400			400		
Heater capacity (6 zones)	KW	6.5	7.5	8.4	8.4	10.3	11.5
Injection rate (max.) (Option C059 selected)	cm <sup>3</sup> /sec	123 (98)	160 (128)	203 (162)	203 (162)	251 (201)	318 (254)
Injection speed (max.) (Option C059 selected)	mm/sec	200 (160)			200 (160)		
Screw stroke	mm	140			160		
Nozzle contact force	kN	43			43		
Injection unit stroke (penetration)	mm	320 (45)			380 (45)		
Hopper capacity	liter	30			50		

#### MACHINE SPECIFICATIONS

Main breaker capacity	amps	125	
Machine dimensions (L x W x H)	mm	4502 x 1192 x 1837 (4602 x 1192 x 1837)	4502 x 1192 x 1932 (4602 x 1192 x 1932)
Machine weight	kg	4,000	4,300

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

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