



**SE75DU (Metric Units)**  
**Direct-Drive All-Electric**

[www.sumitomoPM.com](http://www.sumitomoPM.com)

**CLAMP SPECIFICATIONS**

Clamping force	tonf	75
Distance between tie-bars	mm	410 x 360
Overall size of platens (H x V)	mm	580 x 530
Open daylight (max.)	mm	710
Mold space (min.-max.)	mm	160 - 410
Opening stroke (max.)	mm	300
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm (5 points)
Ejector stroke	mm	80
Ejector force	tonf	2.7

**INJECTION SPECIFICATIONS**

Plasticizing unit		C110S			C160S			C250M		
Screw diameter	mm	22	25	28	25	28	32	28	32	36
Injection pressure	kgf/cm <sup>2</sup>	2800	2170	1780	2800	2230	1710	2900	2220	1750
Holding pressure	kgf/cm <sup>2</sup>	2240	1736	1424	2240	1784	1368	2320	1776	1400
Injection capacity	cm <sup>3</sup>	40	51	64	51	64	84	86	113	143
Injection weight (GPPS)	g	38	49	61	49	61	80	83	108	137
	oz	1.3	1.7	2.2	1.7	2.2	2.8	2.9	3.8	4.8
Plasticizing capacity (max.)	kg/hr	18	26	37	26	37	53	37	53	76
Injection rate (max.)	cm <sup>3</sup> /sec	190	245	308	196	246	322	185	241	305
Screw stroke	mm	104			104			140		
Injection speed (max.)	mm/sec	500			400			300		
Screw speed (max.)	rpm	400			400			400		
Heater capacity (5 zones)	KW	3.9	4.3	4.8	4.3	4.8	5.5	6.6	7.6	8.5
Nozzle contact force	kgf	1200			1200			1200		
Injection unit stroke (penetration)	mm	285 (30)			285 (30)			300 (45)		
Hopper capacity	ℓ	15			15			30		

**MACHINE SPECIFICATIONS**

Main breaker capacity	amps	125	125	125
Machine dimensions (L x W x H)	mm	4246 x 1059 x 1800	4246 x 1059 x 1800	4246 x 1059 x 1800
Machine weight	tonf	3.1	3.2	3.3

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