



SE450S (Metric Units)

All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	tonf	450
Distance between tie-bars	mm	820 x 820
Overall size of platens (H x V)	mm	1220 x 1210
Open daylight (max.)	mm	1600
Mold space (min.-max.)	mm	350 - 800
Opening stroke (max.)	mm	800
Mold open/close speed (max.)	mm/sec	1000
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm, 711mm (H) (17 points)
Ejector stroke	mm	175
Ejector force	tonf	10

INJECTION SPECIFICATIONS

Plasticizing unit		C1700L		C2170L	
Screw diameter	mm	63	71	71	80
Injection Pressure (@ 30% max. DC)	kgf/cm ²	2200	1730	1900	1500
Holding Pressure (@ 30% max. DC)	kgf/cm ²	1760	1380	1520	1200
Injection capacity	cm ³	773	982	1140	1450
Injection weight (GPPS)	g	742	943	1090	1390
	oz	26.3	33.4	38.8	49.3
Plasticizing capacity (max.)	kg/hr	290	322	322	333
Injection rate (max.)	cm ³ /sec	623	792	713	905
Screw stroke	mm	248		288	
Injection speed (max.)	mm/sec	200		180	
Screw speed (max.)	rpm	320	280	280	220
Heater capacity (4 zones)	KW	28.2 (4)	31.3 (4)	31.3 (4)	34.3 (4)
Nozzle contact force	kgf	2500		2500	
Injection unit stroke (penetration)	mm	525 (65)		525 (65)	
Hopper capacity	ℓ	100		100	

MACHINE SPECIFICATIONS

Main breaker capacity	amps	200 @ 200V 125 @ 480V	
Machine dimensions (L x W x H)	mm	8200 x 1900 x 2200	8200 x 1900 x 2200
Machine weight	tonf	24.0	25.0

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