



**SE230HY (Metric Units)**  
High-Speed Hybrid-Electric

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

**CLAMP SPECIFICATIONS**

Clamping force	tonf	230
Distance between tie-bars	mm	590 x 590
Overall size of platens (H x V)	mm	870 x 870
Open daylight (max.)	mm	1090
Mold space (min.-max.)	mm	260 - 580
Opening stroke (max.)	mm	510
Mold open/close speed (max.)	mm/sec	1500
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm (13 points)
Ejector stroke	mm	150
Ejector force	tonf	6.2

**INJECTION SPECIFICATIONS**

Plasticizing unit		C1250L	
Screw diameter	mm	50	56
Injection pressure	kgf/cm <sup>2</sup>	2840	2260
Holding pressure	kgf/cm <sup>2</sup>	2840	2260
Injection capacity	cm <sup>3</sup>	448	562
Injection weight (GPPS)	g	425	533
	oz	15.0	18.8
Plasticizing capacity (max.)	kg/hr	217	267
Screw speed (max.)	rpm	430	430
Heater capacity (5 zones)	KW	24	29
Injection rate (max air shot)	cm <sup>3</sup> /sec	1571	1970
Injection speed (max air shot)	mm/sec	800	
Screw stroke	mm	228	
Nozzle contact force	kgf	7300	
Injection unit stroke (penetration)	mm	460 (45)	
Hopper capacity	ℓ	100	

**MACHINE HYDRAULIC SPECIFICATIONS**

Hydraulic drive motor	KW	a.) 18.5    b.) 22
Hydraulic system pressure	kgf/cm <sup>2</sup>	155
Oil reservoir capacity	ℓ	170

**MACHINE SPECIFICATIONS**

Main breaker capacity	amps	225 @ 230V    175 @ 480V
Machine dimensions (L x W x H)	mm	6500 x 1700 x 2200
Machine weight	tonf	12

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