



SE350HY (English Units)

High-Speed Hybrid-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	U.S. tons	385
Distance between tie-bars	in	28.74 x 28.74
Overall size of platens (H x V)	in	40.94 x 40.94
Open daylight (max.)	in	53.35
Mold space (min.-max.)	in	12.01 - 25.79
Opening stroke (max.)	in	27.55
Mold open/close speed (max.)	in/sec	49.61
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in (13 points)
Ejector stroke	in	6.89
Ejector force	U.S. tons	8.2

INJECTION SPECIFICATIONS

Plasticizing unit		C2500L	
Screw diameter	mm	71	80
Injection pressure	p.s.i.	33,280	26,170
Holding pressure	p.s.i.	33,280	26,170
Injection capacity	in ³	69.6	88.4
Injection weight (GPPS)	g	1090	1390
	oz	38.4	49
Plasticizing capacity (max.)	lb/hr	816	970
Screw speed (max.)	rpm	350	320
Heater capacity (5 zones)	KW	41	44
Injection rate (max air shot)	in ³ /sec	193.3	245.4
Injection speed (max air shot)	in/sec	31.5	
Screw stroke	in	11.34	
Nozzle contact force	U.S. tons	7.39	
Injection unit stroke (penetration)	in	18.11 (1.77)	
Hopper capacity	in ³	6102	

MACHINE HYDRAULIC SPECIFICATIONS

Hydraulic drive motor	hp	a.) 29 b.) 40
Hydraulic system pressure	psi	2750
Oil reservoir capacity	gal	80

MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230V 175 @ 480V
Machine dimensions (L x W x H)	in	307 x 75 x 87
Machine weight	U.S. tons	18.7

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