



SE280HD (Metric Units)
High-Duty All-Electric

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CLAMP SPECIFICATIONS

Clamping force	tonf	280
Distance between tie-bars	mm	685 x 635
Overall size of platens (H x V)	mm	950 x 885
Open daylight (max.)	mm	1220
Mold space (min.-max.)	mm	350 - 620
Opening stroke (max.)	mm	600
Mold open/close speed (max.)	mm/sec	1300
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm (13 points)
Ejector stroke	mm	150
Ejector force	tonf	6.0

INJECTION SPECIFICATIONS

Plasticizing unit		C1100L		C1600L		C2200L	
Screw diameter	mm	50	56	56	63	63	71
Injection pressure	kgf/cm ²	2210	1760	2230	1760	2200	1730
Holding pressure	kgf/cm ²	2210	1760	2230	1760	2200	1730
Injection capacity	cm ³	501	628	702	888	982	1250
Injection weight (GPPS)	g	481	603	674	853	943	1200
	oz	17.0	21.4	23.9	30.2	33.4	42.4
Plasticizing capacity (max.)	kg/hr	151	192	192	227	227	230
Screw speed (max.)	rpm	250	250	250	250	250	200
Heater capacity (6 zones)	KW	21.5	23.4	23.4	31.6	31.6	33.7
Injection rate (max.)	cm ³ /sec	314	394	394	499	499	633
Injection speed (max.)	mm/sec	160		160		160	
Screw stroke	mm	255		285		315	
Nozzle contact force	kgf	6000		6000		6000	
Injection unit stroke (penetration)	mm	450 (65)		450 (65)		450 (65)	
Hopper capacity	ℓ	100		100		100	

MACHINE SPECIFICATIONS

Main breaker capacity	amps	200 @ 230V		
Machine dimensions (L x W x H)	mm	7211x 1680 x 2235		
Machine weight	tonf	13.0	13.7	13.8

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