



SE450HD (Metric Units)

High-Duty All-Electric

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CLAMP SPECIFICATIONS

Clamping force	tonf	450
Distance between tie-bars	mm	870 x 820
Overall size of platens (H x V)	mm	1290 x 1200
Open daylight (max.)	mm	1600
Mold space (min.-max.)	mm	450 – 800
Opening stroke (max.)	mm	800
Mold open/close speed (max.)	mm/sec	1167
Locating ring diameter	mm	150
Ejector pattern		Center, 100mm, 400mm 700mm (H) (17 points)
Ejector stroke	mm	175
Ejector force	tonf	10.0

INJECTION SPECIFICATIONS

Plasticizing unit		C2200L		C3000L	
Screw diameter	mm	63	71	71	80
Injection pressure	kgf/cm ²	2200	1730	2184	1720
Holding pressure	kgf/cm ²	2200	1730	2184	1720
Injection capacity	cm ³	982	1250	1425	1810
Injection weight (GPPS)	g	943	1200	1368	1738
	oz	33.4	42.4	48.5	61.5
Plasticizing capacity (max.)	kg/hr	227	230	230	303
Screw speed (max.)	rpm	250	200	200	
Heater capacity (6 zones)	KW	31.6	33.7	33.7	23.4
Injection rate (max.)	cm ³ /sec	499	633	633	804
Injection speed (max.)	mm/sec	160			
Screw stroke	mm	315		360	
Nozzle contact force	kgf	6000			
Injection unit stroke (penetration)	mm	520 (65)			
Hopper capacity	ℓ	100			

MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230V	
Machine dimensions (L x W x H)	mm	8422 x 2102 x 2254	8422 x 2102 x 2257
Machine weight	tonf	24	25

NOTE: Specifications subject to change without notice.