



SE450HDZ (English Units) High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	U.S. ton	496
Distance between tie-bars	in	34.25 x 32.28
Overall size of platens (H x V)	in	50.79 x 47.24
Open daylight (max.)	in	62.99
Mold space (min.-max.)	in	17.72 – 31.50
Opening stroke (max.)	in	31.50
Mold open/close speed (max.)	in/sec	45.9
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in, 28.0 in (H) (17 points)
Ejector stroke	in	6.89
Ejector force	U.S. ton	11.02

INJECTION SPECIFICATIONS

Plasticizing unit		C2200L		C3000L	
Screw diameter	mm	63	71	71	80
Injection pressure	p.s.i	31,291	24,606	31,231	24,596
Holding pressure	p.s.i	31,291	24,606	31,231	24,596
Injection capacity	in ³	59.9	76.3	87.0	110.4
Injection weight (GPPS)	g	943	1200	1368	1738
	oz	33.4	42.4	48.5	61.5
Plasticizing capacity (max.)	lb/hr	500	507	507	668
Screw speed (max.)	rpm	250	200	200	
Heater capacity (6 zones)	KW	31.6	33.7	33.7	37.8
Injection rate (max.)	in ³ /sec	30.5	38.6	38.6	49.1
Injection speed (max.)	in/sec	6.3			
Screw stroke	in	12.4		14.2	
Nozzle contact force	U.S. ton	6.61			
Injection unit stroke (penetration)	in	20.47 (3.94)			
Hopper capacity	in ³	6102			

MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230V	
Machine dimensions (L x W x H)	in	332 x 81 x 89	332 x 81 x 89
Machine weight	U.S. ton	26.5	27.5

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