



SE100DUZ-HD High-Duty (English Units)

Direct-Drive All-Electric

CLAMP SPECIFICATIONS

Clamping force	U.S. ton	110
Distance between tie-bars	in	18.11 x 16.14
Overall size of platens (H x V)	in	25.59 x 23.62
Open daylight (max.)	in	29.92
Mold space (min.-max.)	in	7.09 - 16.14
Opening stroke (max.)	in	13.78
Mold open/close speed (max.)	in/sec	47.2
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in (5 points)
Ejector stroke	in	3.94
Ejector force	U.S. ton	3.63

INJECTION SPECIFICATIONS

Plasticizing unit		C110S			C160S			C250M			C360M		
		mm	22	25	28	25	28	32	28	32	36	32	36
Screw diameter	mm	22	25	28	25	28	32	28	32	36	32	36	40
Injection pressure	p.s.i.	39,820	30,860	25,310	39,820	31,710	24,320	41,240	31,570	24,890	39,670	31,280	24,320
Holding pressure	p.s.i.	39,820	30,860	25,310	39,820	31,710	24,320	41,240	31,570	24,890	39,670	31,280	24,320
Injection capacity	in ³	2.4	3.1	3.9	3.1	3.9	5.1	5.2	6.9	8.7	7.9	9.9	12.3
Injection weight (GPPS)	g	38	49	61	49	61	80	83	108	137	124	156	193
	oz	1.3	1.7	2.2	1.7	2.2	2.8	2.9	3.8	4.8	4.4	5.5	6.8
Plasticizing capacity (max.)	lb/hr	40	57	81	57	81	117	81	117	167	117	167	222
Injection rate	in ³ /sec	11.6	15.0	18.8	12.0	15.0	19.6	11.3	14.7	18.6	14.7	18.6	23.0
Screw stroke	in	4.09			4.09			5.51			6.30		
Injection speed (max.)	in/sec	11.8						5.9					
Screw speed (rpm)	rpm	400			400			400			400		
Heater capacity (5 Zones)	KW	3.9	4.3	4.8	4.3	4.8	5.5	6.6	7.6	8.5	7.6	8.5	10.4
Nozzle contact force	U.S. ton	1.32 or 1.65 selectable			1.32 or 1.65 selectable								
Inj. unit stroke (penetration)	in	11.22 (1.18)			12.01 (1.18)			12.60 (1.77)			12.60 (1.77)		
Hopper capacity	in ³	915			915			1831			1831		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	150
Dimensions (L x W x H)	in	183 x 46 x 71 183 x 46 x 71 183 x 46 x 74 183 x 46 x 74
Machine weight	U.S. ton	4.3 4.3 4.4 4.5

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