



## SE18DUZ-HD High-Duty (English Units)

Direct-Drive All-Electric

### CLAMP SPECIFICATIONS

Clamping force	U.S. ton	20
Distance between tie-bars	in	10.23 x 9.25
Overall size of platens (H x V)	in	13.97 x 13.97
Open daylight (max.)	in	16.14
Mold space (min.-max.)	in	5.12 – 9.84
Opening stroke (max.)	in	6.30
Mold open/close speed (max.)	in/sec	47.2
Locating ring diameter	in	2.36
Ejector pattern		Center (1 point)
Ejector stroke	in	1.98
Ejector force	U.S. ton	0.88

### INJECTION SPECIFICATIONS

Plasticizing unit		C30S			
Screw diameter	mm	14	16	18	20
Injection pressure	p.s.i.	32,420	38,588	30,490	24,690
Holding pressure	p.s.i.	32,420	38,588	30,490	24,690
Injection capacity	in <sup>3</sup>	0.38	0.67	0.85	1.04
Injection weight (GPPS)	g	5.9	11	13	17
	oz	0.2	0.4	0.5	0.6
Plasticizing capacity (max.)	lb/hr	11.2	20.9	28.6	35.2
Injection rate (max.)	in <sup>3</sup> /sec	4.58	6.16	7.75	9.58
Screw stroke	in	1.57	2.17		
Injection speed (max.)	in/sec	19.69			
Screw speed (max.)	rpm	460	430		
Heater capacity (4 zones)	KW	2.3	2.7	2.7	3.1
Nozzle contact force	U.S. ton	0.33			
Injection unit stroke (penetration)	in	6.89 (2.56)			
Hopper capacity	in <sup>3</sup>	366			

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	60
Machine dimensions (L x W x H)	in	95 x 30 x 60
Machine weight	U.S. ton	1.32

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