

SE220HDZ (English Units) High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	U.S. ton	242
Distance between tie-bars	in	24.02 x 22.05
Overall size of platens (H x V)	in	34.65 x 32.68
Open daylight (max.)	in	44.49
Mold space (min.-max.)	in	11.81 – 22.83
Opening stroke (max.)	in	21.65
Mold open/close speed (max.)	in/sec	51.18
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in (13 points)
Ejector stroke	in	5.91
Ejector force	U.S. ton	6.61

INJECTION SPECIFICATIONS

Plasticizing unit		C750M		C1100L	
Screw diameter	mm	45	50	50	56
Injection pressure	p.s.i.	31,291	25,318	31,434	25,033
Holding pressure	p.s.i.	31,291	25,318	31,434	25,033
Injection capacity	in ³	20.1	23.8	30.6	38.3
Injection weight (GPPS)	g	316	390	481	603
	oz	11.2	13.8	17.0	21.4
Plasticizing capacity (max.)	lb/hr	216	295	333	423
Screw speed (max.)	rpm	250	250	250	250
Heater capacity (6 zones)	KW	12.8	13.9	21.5	23.4
Injection rate (max.)	in ³ /sec	15.5	19.2	19.2	24.0
Injection speed (max.)	in/sec	6.30		6.30	
Screw stroke	in	8.15		10.04	
Nozzle contact force	U.S. ton	6.61		6.61	
Injection unit stroke (penetration)	in	16.93 (2.56)		17.72 (2.56)	
Hopper capacity	in ³	3051		6102	

MACHINE SPECIFICATIONS

Main breaker capacity	amps	200 @ 230V	
Machine dimensions (L x W x H)	in	253 x 62 x 81	253 x 62 x 89
Machine weight	U.S. ton	11.1	12.0

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



SE280HDZ (English Units)

High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	U.S. ton	308
Distance between tie-bars	in	26.97 x 25.00
Overall size of platens (H x V)	in	37.40 x 34.84
Open daylight (max.)	in	48.03
Mold space (min.-max.)	in	13.78 – 24.41
Opening stroke (max.)	in	23.62
Mold open/close speed (max.)	in/sec	51.18
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in (13 points)
Ejector stroke	in	5.91
Ejector force	U.S. ton	6.61

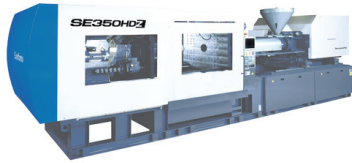
INJECTION SPECIFICATIONS

Plasticizing unit		C1100L		C1600L		C2200L	
Screw diameter	mm	50	56	56	63	63	71
Injection pressure	p.s.i.	31,434	25,033	31,718	25,033	31,291	24,606
Holding pressure	p.s.i.	31,434	25,033	31,718	25,033	31,291	24,606
Injection capacity	in ³	30.6	38.3	42.9	54.2	59.9	76.3
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.)	lb/hr	333	423	423	500	500	507
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.)	in ³ /sec	19.2	24.0	24.0	30.5	30.5	38.6
Injection speed (max.)	in/sec	6.3		6.3		6.3	
Screw stroke	in	10.0		11.2		12.4	
Nozzle contact force	U.S. ton	6.61		6.61		6.61	
Injection unit stroke (penetration)	in	17.72 (2.56)		17.72 (2.56)		17.72 (2.56)	
Hopper capacity	in ³	6102		6102		6102	

MACHINE SPECIFICATIONS

Main breaker capacity	amps	200 @ 230V		
Machine dimensions (L x W x H)	in	284 x 66 x 89		
Machine weight	U.S. ton	14.3	15.1	15.2

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SE350HDZ (English Units) High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	U.S. ton	385
Distance between tie-bars	in	29.92 x 27.95
Overall size of platens (H x V)	in	42.13 x 40.16
Open daylight (max.)	in	53.94
Mold space (min.-max.)	in	15.75 – 26.38
Opening stroke (max.)	in	27.56
Mold open/close speed (max.)	in/sec	51.18
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in (13 points)
Ejector stroke	in	5.91
Ejector force	U.S. ton	6.61

INJECTION SPECIFICATIONS

Plasticizing unit		C1100		C1600		C2200	
Screw diameter	mm	50	56	56	63	63	71
Injection pressure	p.s.i.	31,434	25,033	31,718	25,033	31,291	24,606
Holding pressure	p.s.i.	31,434	25,033	31,718	25,033	31,291	24,606
Injection capacity	in ³	30.6	38.3	42.9	54.2	59.9	76.3
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.)	lb/hr	278	375	375	500	500	507
Screw speed (max.)	rpm	250	250	250	250	250	250
Heater capacity (6 zones)	KW	21.5	23.4	23.4	31.6	31.6	33.7
Injection rate (max.)	in ³ /sec	19.2	24.0	24.0	30.5	30.5	38.6
Injection speed (max.)	in/sec	6.3		6.3		6.3	
Screw stroke	in	10.0		11.2		12.4	
Nozzle contact force	U.S. ton	6.61		6.61		6.61	
Injection unit stroke (penetration)	in	17.72 (2.56)		17.72 (2.56)		17.72 (2.56)	
Hopper capacity	in ³	6102		6102		6102	

MACHINE SPECIFICATIONS

Main breaker capacity	amps	200 @ 230V		
Machine dimensions (L x W x H)	in	296 x 70 x 89		
Machine weight	U.S. ton	18.9	19.7	19.9

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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

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