

## SE220HDZ (Metric Units) High-Duty All-Electric

### CLAMP SPECIFICATIONS

Clamping force	tonf	220
Distance between tie-bars	mm	610 x 560
Overall size of platens (H x V)	mm	880 x 830
Open daylight (max.)	mm	1130
Mold space (min.-max.)	mm	300 – 580
Opening stroke (max.)	mm	550
Mold open/close speed (max.)	mm/sec	1300
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm (13 points)
Ejector stroke	mm	150
Ejector force	tonf	6.0

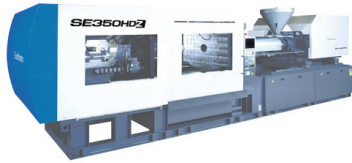
### INJECTION SPECIFICATIONS

Plasticizing unit		C750M		C1100L	
Screw diameter	mm	45	50	50	56
Injection pressure	kgf/cm <sup>2</sup>	2200	1780	2210	1760
Holding pressure	kgf/cm <sup>2</sup>	2200	1780	2210	1760
Injection capacity	cm <sup>3</sup>	329	406	501	628
Injection weight (GPPS)	g	316	390	481	603
	oz	11.2	13.8	17.0	21.4
Plasticizing capacity (max.)	kg/hr	98	134	151	192
Screw speed (max.)	rpm	250	250	250	250
Heater capacity (6 zones)	KW	12.8	13.9	21.5	23.4
Injection rate (max.)	cm <sup>3</sup> /sec	254	314	314	394
Injection speed (max.)	mm/sec	160		160	
Screw stroke	mm	207		255	
Nozzle contact force	kgf	6000		6000	
Injection unit stroke (penetration)	mm	430 (65)		450 (65)	
Hopper capacity	liter	50		100	

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	200 @ 230V	
Machine dimensions (L x W x H)	mm	6436 x 1580 x 2065	6436 x 1580 x 2254
Machine weight	tonf	10.1	10.9

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



## SE280HDZ (Metric Units) High-Duty All-Electric

### CLAMP SPECIFICATIONS

Clamping force	tonf	280
Distance between tie-bars	mm	685 x 635
Overall size of platens (H x V)	mm	950 x 885
Open daylight (max.)	mm	1220
Mold space (min.-max.)	mm	350 - 620
Opening stroke (max.)	mm	600
Mold open/close speed (max.)	mm/sec	1300
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm (13 points)
Ejector stroke	mm	150
Ejector force	tonf	6.0

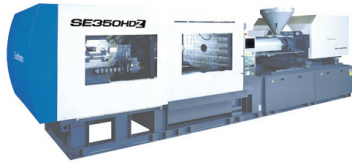
### INJECTION SPECIFICATIONS

Plasticizing unit		C1100L		C1600L		C2200L	
Screw diameter	mm	50	56	56	63	63	71
Injection pressure	kgf/cm <sup>2</sup>	2210	1760	2230	1760	2200	1730
Holding pressure	kgf/cm <sup>2</sup>	2210	1760	2230	1760	2200	1730
Injection capacity	cm <sup>3</sup>	501	628	702	888	982	1250
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.)	kg/hr	151	192	192	227	227	230
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.)	cm <sup>3</sup> /sec	314	394	394	499	499	633
Injection speed (max.)	mm/sec	160		160		160	
Screw stroke	mm	255		285		315	
Nozzle contact force	kgf	6000		6000		6000	
Injection unit stroke (penetration)	mm	450 (65)		450 (65)		450 (65)	
Hopper capacity	liter	100		100		100	

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	200 @ 230V		
Machine dimensions (L x W x H)	mm	7217x 1680 x 2254		
Machine weight	tonf	13.0	13.7	13.8

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## SE350HDZ (Metric Units) High-Duty All-Electric

### CLAMP SPECIFICATIONS

Clamping force	tonf	350
Distance between tie-bars	mm	760 x 710
Overall size of platens (H x V)	mm	1070 x 1020
Open daylight (max.)	mm	1370
Mold space (min.-max.)	mm	400 - 670
Opening stroke (max.)	mm	700
Mold open/close speed (max.)	mm/sec	1300
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm (13 points)
Ejector stroke	mm	150
Ejector force	tonf	6.0

### INJECTION SPECIFICATIONS

Plasticizing unit		C1100L		C1600L		C2200L	
Screw diameter	mm	50	56	56	63	63	71
Injection pressure	kgf/cm <sup>2</sup>	2210	1760	2230	1760	2200	1730
Holding pressure	kgf/cm <sup>2</sup>	2210	1760	2230	1760	2200	1730
Injection capacity	cm <sup>3</sup>	501	628	702	888	982	1250
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.)	kg/hr	151	192	192	227	227	230
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.)	cm <sup>3</sup> /sec	314	394	394	499	499	633
Injection speed (max.)	mm/sec	160		160		160	
Screw stroke	mm	255		285		315	
Nozzle contact force	kgf	6000		6000		6000	
Injection unit stroke (penetration)	mm	450 (65)		450 (65)		450 (65)	
Hopper capacity	liter	100		100		100	

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	200 @ 230V		
Machine dimensions (L x W x H)	mm	7511 x 1770 x 2254		
Machine weight	tonf	17.2	17.9	18.1

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## SE450HDZ (Metric Units) High-Duty All-Electric

### CLAMP SPECIFICATIONS

Clamping force	tonf	450
Distance between tie-bars	mm	870 x 820
Overall size of platens (H x V)	mm	1244 x 1154
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	101.6
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 <sup>2</sup>	2200	1730	2184	1720
Holding pressure	kgf/cm <sup>2</sup>	2200	1730	2184	1720
Injection capacity	cm <sup>3</sup>	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	37.8
Injection rate (max.)	cm <sup>3</sup> /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	liter	100			

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230V	
Machine dimensions (L x W x H)	mm	8428 x 2070 x 2254	8428 x 2070 x 2257
Machine weight	tonf	24	25

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