



SE18D (Metric Units)
Direct-Drive All-Electric

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CLAMP SPECIFICATIONS

Clamping force	tonf	18
Distance between tie-bars	mm	260 x 235
Overall size of platens (H x V)	mm	355 x 355
Open daylight (max.)	mm	410
Mold space (min.-max.)	mm	130 - 250
Opening stroke (max.)	mm	160
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	60
Ejector pattern		Center (1 point)
Ejector stroke	mm	50
Ejector force	tonf	0.8

INJECTION SPECIFICATIONS

Plasticizing unit		C30S			
Screw diameter	mm	14	16	18	20
Injection pressure	kgf/cm ²	2280	2400	2144	1736
Holding pressure	kgf/cm ²	2280	2170	1715	1389
Injection capacity	cm ³	6.2	11	14	17
Injection weight (GPPS)	g	5.9	11	13	17
	oz	0.2	0.4	0.5	0.6
Plasticizing capacity (max.)	kg/hr	5.1	9.5	13	16
Injection rate (max.)	cm ³ /sec	77	101	127	157
Screw stroke	mm	40	55		
Injection speed (max.)	mm/sec	500			
Screw speed (max.)	rpm	460	430		
Heater capacity (4 zones)	KW	2.1	2.5	2.5	2.9
Nozzle contact force	kgf	300			
Injection unit stroke (penetration)	mm	190 (65)			
Hopper capacity	ℓ	6			

MACHINE SPECIFICATIONS

Main breaker capacity	amps	60
Machine dimensions (L x W x H)	mm	2477 x 795 x 1531
Machine weight	tonf	1.2

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



SE30D (Metric Units)
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CLAMP SPECIFICATIONS

Clamping force	tonf	30
Distance between tie-bars	mm	310 x 290
Overall size of platens (H x V)	mm	440 x 420
Open daylight (max.)	mm	530
Mold space (min.-max.)	mm	150 - 300
Opening stroke (max.)	mm	230
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, (1 point)
Ejector stroke	mm	50
Ejector force	tonf	0.8

INJECTION SPECIFICATIONS

Plasticizing unit		C50S			C75S		
Screw diameter	mm	18	20	22	20	22	25
Injection pressure	kgf/cm ²	2680	2170	1790	2760	2280	1760
Holding pressure	kgf/cm ²	2144	1736	1432	2208	1824	1408
Injection capacity	cm ³	19	23	28	27	33	43
Injection weight (GPPS)	g	18	22	27	26	32	41
	oz	0.6	0.8	0.9	0.9	1.1	1.5
Plasticizing capacity (max.)	kg/hr	10	13	18	13	18	26
Injection rate (max.)	cm ³ /sec	127	157	190	157	190	245
Screw stroke	mm	73			87		
Injection speed (max.)	mm/sec	500			500		
Screw speed (max.)	rpm	400			400		
Heater capacity (4 zones)	KW	2.8	3.2	3.6	3.2	3.6	4.1
Nozzle contact force	kgf	600			600		
Injection unit stroke (penetration)	mm	210 (30)			210 (30)		
Hopper capacity	ℓ	15			15		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	75	75
Machine dimensions (L x W x H)	mm	3194 x 892 x 1660	3194 x 892 x 1660
Machine weight	tonf	1.8	1.8

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SE50D (Metric Units)
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CLAMP SPECIFICATIONS

Clamping force	tonf	50
Distance between tie-bars	mm	360 x 310
Overall size of platens (H x V)	mm	500 x 465
Open daylight (max.)	mm	600
Mold space (min.-max.)	mm	160 - 350
Opening stroke (max.)	mm	250
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm (5 points)
Ejector stroke	mm	70
Ejector force	tonf	2.2

INJECTION SPECIFICATIONS

Plasticizing unit		C75S			C110S			C160S		
Screw diameter	mm	20	22	25	22	25	28	25	28	32
Injection pressure	kgf/cm ²	2760	2280	1760	2800	2170	1780	2800	2230	1710
Holding pressure	kgf/cm ²	2208	1824	1408	2240	1736	1424	2240	1784	1368
Injection capacity	cm ³	27	33	43	40	51	64	51	64	84
Injection weight (GPPS)	g	26	32	41	38	49	61	49	61	80
	oz	0.9	1.1	1.5	1.3	1.7	2.2	1.7	2.2	2.8
Plasticizing capacity (max.)	kg/hr	13	18	26	18	26	37	26	37	53
Injection rate (max.)	cm ³ /sec	157	190	245	190	245	308	196	246	322
Screw stroke	mm	87			104			104		
Injection speed (max.)	mm/sec	500			500			400		
Screw speed (max.)	rpm	400			400			400		
Heater capacity (4 zones)	KW	3.2	3.6	4.1	3.6	4.1	4.6	4.1	4.6	5.1
Nozzle contact force	kgf	800			800			800		
Injection unit stroke (penetration)	mm	205 (30)			205 (30)			205 (30)		
Hopper capacity	ℓ	15			15			15		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	100	100	100
Machine dimensions (L x W x H)	mm	3631 x 984 x 1670	3631 x 984 x 1670	3631 x 984 x 1670
Machine weight	tonf	2.2	2.3	2.4

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SE75D (Metric Units)

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CLAMP SPECIFICATIONS

Clamping force	tonf	75
Distance between tie-bars	mm	410 x 360
Overall size of platens (H x V)	mm	580 x 530
Open daylight (max.)	mm	710
Mold space (min.-max.)	mm	160 - 410
Opening stroke (max.)	mm	300
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm (5 points)
Ejector stroke	mm	80
Ejector force	tonf	3.3

INJECTION SPECIFICATIONS

Plasticizing unit		C110S			C160S			C250M		
Screw diameter	mm	22	25	28	25	28	32	28	32	36
Injection pressure	kgf/cm ²	2800	2170	1780	2800	2230	1710	2900	2220	1750
Holding pressure	kgf/cm ²	2240	1736	1424	2240	1784	1368	2320	1776	1400
Injection capacity	cm ³	40	51	64	51	64	84	86	113	143
Injection weight (GPPS)	g	38	49	61	49	61	80	83	108	137
	oz	1.3	1.7	2.2	1.7	2.2	2.8	2.9	3.8	4.8
Plasticizing capacity (max.)	kg/hr	18	26	37	26	37	53	37	53	76
Injection rate (max.)	cm ³ /sec	190	245	308	196	246	322	185	241	305
Screw stroke	mm	104			104			140		
Injection speed (max.)	mm/sec	500			400			300		
Screw speed (max.)	rpm	400			400			400		
Heater capacity (4 zones)	KW	3.6	4.1	4.6	4.1	4.6	5.1	6.6	7.6	8.5
Nozzle contact force	kgf	1200			1200			1200		
Injection unit stroke (penetration)	mm	285 (30)			285 (30)			300 (45)		
Hopper capacity	ℓ	15			15			30		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	125	125	125
Machine dimensions (L x W x H)	mm	4246 x 1059 x 1619	4246 x 1059 x 1700	4246 x 1059 x 1781
Machine weight	tonf	3.1	3.2	3.3

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SE100D (Metric Units)
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CLAMP SPECIFICATIONS

Clamping force	tonf	100
Distance between tie-bars	mm	460 x 410
Overall size of platens (H x V)	mm	650 x 600
Open daylight (max.)	mm	760
Mold space (min.-max.)	mm	180 - 410
Opening stroke (max.)	mm	350
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm (5 points)
Ejector stroke	mm	100
Ejector force	tonf	3.3

INJECTION SPECIFICATIONS

Plasticizing unit		C160S			C250M			C360M		
Screw diameter	mm	25	28	32	28	32	36	32	36	40
Injection pressure	kgf/cm ²	2800	2230	1710	2900	2220	1750	2790	2200	1710
Holding pressure	kgf/cm ²	2240	1784	1368	2320	1776	1400	2232	1760	1368
Injection capacity	cm ³	51	64	84	86	113	143	129	163	201
Injection weight (GPPS)	g	49	61	80	83	108	137	124	156	193
	oz	1.7	2.2	2.8	2.9	3.8	4.8	4.4	5.5	6.8
Plasticizing capacity (max.)	kg/hr	26	37	53	37	53	76	53	76	101
Injection rate (max.)	cm ³ /sec	196	246	322	185	241	305	241	305	377
Screw stroke	mm	104			140			160		
Injection speed (max.)	mm/sec	400			300			300		
Screw speed (max.)	rpm	400			400			400		
Heater capacity (4 zones)	KW	4.1	4.6	5.1	6.6	7.6	8.5	7.6	8.5	10.5
Nozzle contact force	kgf	1200			1200			1200		
Injection unit stroke (penetration)	mm	305 (30)			320 (45)			320 (45)		
Hopper capacity	ℓ	30			30			30		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	150	150	150
Machine dimensions (L x W x H)	mm	4630 x 1169 x 1772	4630 x 1169 x 1853	4630 x 1169 x 1853
Machine weight	tonf	3.9	4.0	4.1

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SE130D (Metric Units)

Direct-Drive All-Electric

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CLAMP SPECIFICATIONS

Clamping force	tonf	130
Distance between tie-bars	mm	510 x 460
Overall size of platens (H x V)	mm	720 x 670
Open daylight (max.)	mm	825
Mold space (min.-max.)	mm	180 - 450
Opening stroke (max.)	mm	375
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm (5 points)
Ejector stroke	mm	100
Ejector force	tonf	3.3

INJECTION SPECIFICATIONS

Plasticizing unit		C250M			C360M			C450M		
Screw diameter	mm	28	32	36	32	36	40	36	40	45
Injection pressure	kgf/cm ²	2900	2220	1750	2790	2200	1710	2650	2140	1690
Holding pressure	kgf/cm ²	2320	1776	1400	2232	1760	1368	2120	1712	1352
Injection capacity	cm ³	86	113	143	129	163	201	163	201	254
Injection weight (GPPS)	g	83	108	137	124	156	193	156	193	244
	oz	2.9	3.8	4.8	4.4	5.5	6.8	5.5	6.8	8.7
Plasticizing capacity (max.)	kg/hr	37	53	76	53	76	101	76	101	149
Injection rate (max.)	cm ³ /sec	185	241	305	241	305	377	305	377	477
Screw stroke	mm	140			160			160		
Injection speed (max.)	mm/sec	300			300			300		
Screw speed (max.)	rpm	400			400			400		
Heater capacity (4 zones)	KW	6.6	7.6	8.5	7.6	8.5	10.5	8.5	10.5	11.1
Nozzle contact force	kgf	1200			1200			1200		
Injection unit stroke (penetration)	mm	335 (45)			335 (45)			335 (45)		
Hopper capacity	ℓ	30			30			50		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	175	175	175
Machine dimensions (L x W x H)	mm	4989 x 1234 x 1910	4989 x 1234 x 1910	4989 x 1234 x 1910
Machine weight	tonf	5.3	5.4	5.5

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SE180D (Metric Units)

Direct-Drive All-Electric

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CLAMP SPECIFICATIONS

Clamping force	tonf	180
Distance between tie-bars	mm	560 x 510
Overall size of platens (H x V)	mm	800 x 750
Open daylight (max.)	mm	950
Mold space (min.-max.)	mm	200 - 500
Opening stroke (max.)	mm	450
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm (5 points)
Ejector stroke	mm	120
Ejector force	tonf	4.6

INJECTION SPECIFICATIONS

Plasticizing unit		C360M			C450M			C510M		
Screw diameter	mm	32	36	40	36	40	45	40	45	50
Injection pressure	kgf/cm ²	2790	2200	1710	2650	2140	1690	2500	1970	1600
Holding pressure	kgf/cm ²	2232	1760	1368	2120	1712	1352	2000	1576	1280
Injection capacity	cm ³	129	163	201	163	201	254	201	254	314
Injection weight (GPPS)	g	124	156	193	156	193	244	193	244	302
	oz	4.4	5.5	6.8	5.5	6.8	8.7	6.8	8.7	10.7
Plasticizing capacity (max.)	kg/hr	53	76	101	76	101	149	101	149	202
Injection rate (max.)	cm ³ /sec	241	305	377	305	377	477	377	477	589
Screw stroke	mm	160			160			160		
Injection speed (max.)	mm/sec	300			300			300		
Screw speed (max.)	rpm	400			400			400		
Heater capacity (4 zones)	KW	7.6	8.5	10.5	8.5	10.5	11.1	10.5	11.1	11.5
Nozzle contact force	kgf	1200			2500			2500		
Injection unit stroke (penetration)	mm	380 (65)			380 (65)			380 (65)		
Hopper capacity	ℓ	30			50			50		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	175	175	175
Machine dimensions (L x W x H)	mm	5365 x 1284 x 1946	5365 x 1284 x 2041	5365 x 1284 x 2041
Machine weight	tonf	6.4	6.5	6.5

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