



SE180DUZ (Metric Units)

Direct-Drive All-Electric

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, 200mm (5 points)
Ejector stroke	mm	120
Ejector force	tonf	4.6

INJECTION SPECIFICATIONS

Plasticizing unit		C160S			C250M			C360M			C450M			C510M		
Screw diameter	mm	25	28	32	28	32	36	32	36	40	36	40	45	40	45	50
Injection pressure	kgf/cm ²	2800	2230	1710	2900	2220	1750	2790	2200	1710	2650	2140	1690	2500	1970	1600
Holding pressure	kgf/cm ²	2240	1784	1368	2320	1776	1400	2232	1760	1368	2120	1712	1352	2000	1576	1280
Injection capacity	cm ³	51	64	84	86	113	143	129	163	201	163	201	254	201	254	314
Injection weight (GPPS)	g	49	61	80	83	108	137	124	156	193	156	193	244	193	244	302
	oz	1.7	2.2	2.8	2.9	3.8	4.8	4.4	5.5	6.8	5.5	6.8	8.7	6.8	8.7	10.7
Plasticizing capacity (max.)	kg/hr	26	37	53	37	53	76	53	76	101	76	101	149	101	149	202
Injection rate	cm ³ /sec	196	246	322	185	241	305	241	305	377	305	377	477	377	477	589
Screw stroke	mm	104			140			160								
Injection speed (max.)	mm/sec	400			300											
Screw speed (rpm)	rpm	400														
Heater capacity (5 Zones)	KW	4.3	4.8	5.5	6.6	7.6	8.5	7.6	8.5	10.4	8.5	10.4	11.0	10.4	11.0	11.3
Nozzle contact force	kgf	1200 or 1500 selectable (4600 optional)									2500 or 3000 selectable (4600 optional)					
Inj. unit stroke (penetration)	mm	360 (30) *			380 (65) *											
Hopper capacity	liter	15			30						50					

MACHINE SPECIFICATIONS

Main breaker capacity	amps	175
Dimensions (L x W x H)	mm	5364x1284x1884
		5364x1284x1965
		5364x1284x2060
Machine weight	tonf	6.3
		6.4
		6.5

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

* SE180DUZ with either the C160S or C250M with the high precision/high power nozzle touch option provides the following injection unit stroke (penetration): C160S is 320 mm (30 mm); and C250M is 350 mm (30 mm).