



SE180DUZ-HD High-Duty (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			C700M	
Screw diameter mm	25	28	32	28	32	36	32	36	40	36	40	45	40	45	50	45	50
Injection pressure kgf/cm ²	2800	2230	1710	2900	2220	1750	2790	2200	1710	2650	2140	1690	2500	1970	1600	2200	1780
Holding pressure kgf/cm ²	2800	2230	1710	2900	2220	1750	2790	2200	1710	2650	2140	1690	2500	1970	1600	2200	1780
Injection capacity cm ³	51	64	84	86	113	143	129	163	201	163	201	254	201	254	314	329	406
Injection weight (GPPS) g	49	61	80	83	108	137	124	156	193	156	193	244	193	244	302	316	390
Injection weight (GPPS) 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	11.2	13.8
Plasticizing cap. (max.) kg/hr	26	37	53	37	53	76	53	76	101	76	101	149	101	149	202	98	134
Injection rate cm ³ /sec	196	246	322	185	241	305	241	305	377	305	377	477	377	477	589	254	314
Screw stroke mm	104			140			160						207				
Injection speed (max.) mm/sec	300			150						160							
Screw spd (rpm)	400						250										
Temp. Control Zones	5						6										
Heater capacity KW	4.3	4.8	5.5	6.6	7.6	8.5	7.6	8.5	10.3	8.5	10.4	11.0	10.4	11.1	11.3	12.8	13.9
*Nozzle contact force kgf	1200 or 1500 selectable						2500 or 3000 selectable										
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	5600x1284 x 2092
Machine weight tonf	6.3	6.4	6.5	6.8

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