



SE130DUZ (English Units)

Direct-Drive All-Electric

CLAMP SPECIFICATIONS

Clamping force	U.S. ton	143
Distance between tie-bars	in	20.08 x 18.11
Overall size of platens (H x V)	in	28.35 x 26.38
Open daylight (max.)	in	32.48
Mold space (min.-max.)	in	7.09 - 17.72
Opening stroke (max.)	in	14.76
Mold open/close speed (max.)	in/sec	47.2
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in (5 points)
Ejector stroke	in	3.94
Ejector force	U.S. ton	3.63

INJECTION SPECIFICATIONS

Plasticizing unit		C160S			C250M			C360M			C450M		
		mm	25	28	32	28	32	36	32	36	40	36	40
Screw diameter	mm	25	28	32	28	32	36	32	36	40	36	40	45
Injection pressure	p.s.i.	39,820	31,710	24,320	41,240	31,570	24,890	39,670	31,280	24,320	37,680	30,430	24,030
Holding pressure	p.s.i.	31,850	25,370	19,450	32,990	25,250	19,910	31,740	25,030	19,450	30,150	24,340	19,230
Injection capacity	in ³	3.1	3.9	5.1	5.2	6.9	8.7	7.9	9.9	12.3	9.9	12.3	15.5
Injection weight (GPPS)	g	49	61	80	83	108	137	124	156	193	156	193	244
	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
Plasticizing capacity (max.)	lb/hr	57	81	117	81	117	167	117	167	222	167	222	300
Injection rate	in ³ /sec	12.0	15.0	19.6	11.3	14.7	18.6	14.7	18.6	23.0	18.6	23.0	29.1
Screw stroke	in	4.09			5.51			6.30			6.30		
Injection speed (max.)	in/sec	15.7			11.8			11.8			11.8		
Screw speed (rpm)	rpm	400			400			400			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
Nozzle contact force	U.S. ton	1.32 or 1.65 selectable (5.07 optional)											
Inj. unit stroke (penetration)	in	12.01 (1.18)			13.19 (1.77)			13.19 (1.77)			13.19 (1.77)		
Hopper capacity	in ³	915			1831			1831			3051		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	175											
Dimensions (L x W x H)	in	197 x 49 x 73			197 x 49 x 76			197 x 49 x 76			197 x 49 x 80		
Machine weight	U.S. ton	5.3			5.9			6.0			6.1		

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