



SE130EV-A (English Units)

Advanced All-Electric Series



CLAMP SPECIFICATIONS

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Clamping force	U.S.tn	146
Distance between tie-bars	in	20.08 x 20.08
Overall size of platens (H x V)	in	28.35 x 28.35
Open daylight (max.)	in	33.46
Mold space (min.-max.)	in	7.09 - 17.72
Opening stroke (max.)	in	15.75
Mold open/close speed (max.)	in/sec	47.24
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in (5 points)
Ejector stroke	in	3.94
Ejector force	U.S.tn	3.60

INJECTION SPECIFICATIONS

Plasticizing unit		C160S			C250M			C360M			C450M		
Screw diameter	mm	25	28	32	28	32	36	32	36	40	36	40	45
Injection pressure	p.s.i.	39,740	31,618	24,221	41,191	31,473	24,801	39,595	31,183	25,382	37,565	30,313	23,931
Holding pressure	p.s.i.	39,740	31,618	24,221	41,191	31,473	24,801	39,595	31,183	25,382	37,565	30,313	23,931
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	8.6
Plasticizing capacity (max.)	lb/hr	57	82	117	82	117	168	117	168	223	168	223	300
Injection rate	in ³ /sec	12.0	15.0	19.6	13.2	17.1	21.7	17.1	21.7	26.9	21.7	26.9	34.0
Screw stroke	in	4.09			5.51			6.30					
Injection speed (max.)	in/sec	15.75			13.78								
Screw speed (rpm)	rpm	400											
Heater capacity (5 zones)	KW	4.2	4.8	5.4	6.5	7.5	8.4	7.5	8.4	10.3	8.4	10.3	11.5
Nozzle contact force	U.S.tn	4.8											
Inj. unit stroke (penetration)	in	13.19 (1.18)			13.19 (1.77)								
Hopper capacity	in ³	915			1831			1831			3051		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	150											
Dimensions (L x W x H)	in	186x51x72			186x51x74			186x51x74			186x51x78		
Machine weight	U.S.tn	5.5			5.7			5.8			6.0		

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