

CLAMP UNIT		UNITS	MODEL ISG90					
CLAMP CLOSING FORCE	tons-US		86					
	tons-m		78					
CLAMP OPENING FORCE	tons-US		6.1					
	tons-m		5.5					
TIE BAR SPACING (H x V)	in		14.8 x 14.8					
	mm		375 x 375					
PLATEN DIMENSION (H x V)	in		21.8 x 21.8					
	mm		555 x 555					
CLAMP STROKE	in		18.1					
	mm		460					
DAYLIGHT (OPEN/CLOSE)	in		24.8 / 6.7					
	mm		630 / 170					
CLAMP SPEED (CLOSE/OPEN)	in/sec		34 / 34					
	mm/sec		864 / 864					
EJECTOR FORCE	tons-US		3.0					
	tons- m		2.7					
EJECTOR STROKE	in		2.8					
	mm		70					
INJECTION UNIT			2Y	2A	2B	3Y	3A	3B
INJECTION CAPACITY (GPPS)	oz		2.9	3.8	4.6	4.1	5.3	6.5
	g		81	105	130	120	150	185
SCREW DIAMETER	in		1.1	1.3	1.4	1.3	1.4	1.6
	mm		28	32	36	32	36	40
INJECTION VOLUME	in3		5	7	9	8	10	12
	cm3		88	115	145	130	160	200
INJECTION PRESSURE	PSI		37700	28900	22800	36000	28400	23000
	kgf/cm2		2650	2030	1600	2530	2000	1620
INJECTION RATE	in3/sec		5.2	6.8	8.7	5.5	7.0	8.7
	cm3/sec		86	112	142	91	115	142
MAX SCREW SPEED	RPM		380	380	350	380	350	320
	RPM		380	380	350	380	350	320
PLASTICIZING RATE (GPPS)	oz/sec		0.36	0.6	0.7	0.4	0.6	0.9
	g/sec		11	17	21	12	17	25
GENERAL DATA								
*CORE VOLUME CLAMP STOP	<i>gpm</i>		16					
	<i>L</i>		60					
*CORE VOLUME ON THE FLY	<i>gpm</i>		7.7					
	<i>L</i>		29					
RUNNING LOAD @ 460V	<i>amps</i>		33					
	<i>amps</i>		33					
COOLING WATER REQUIRED	<i>gal</i>		7					
	<i>L</i>		26					
MOTOR	<i>HP</i>		20					
	<i>kw</i>		15					
OIL RESERVOIR CAPACITY	<i>gal</i>		74					
	<i>l</i>		280					
SHIPPING WEIGHT (EST.)	<i>Lbs</i>		7,480			7,700		
	<i>kg</i>		3,400			3,500		
DIMENSIONS (L x W x H)	<i>ft</i>		12.5x3.6x5.6			13.1x3.6x5.6		
	<i>m</i>		3.8x1.1x1.7			4x1.1x1.7		