

Technical Specifications

INJECTION UNIT	ENGLISH METRIC	970 Frame			1540 Frame			2290 Frame		
		A	B	C	A	B	C	A	B	C
Injection Capacity, Maximum GPPS	oz	12.80	15.80	22.80	18.40	26.60	36.20	30.40	41.30	54
	gms	363	448	646	523	753	1,025	861	1,172	1,530
Theoretical Displacement	in³	23.30	28.70	41.40	33.60	48.30	65.80	55.20	75.20	98.10
	cm ³	382	471	679	550	792	1,078	905	1,232	1,608
Maximum Injection Pressure	psi	33,350	29,841	20,720	33,350	28,159	20,691	32,451	26,912	20,604
	bar	2,300	2,058	1,429	2,300	1,942	1,427	2,238	1,856	1,421
Injection Rate	in³/sec	15.50	19.20	27.60	19.20	27.60	37.60	26.04	35.38	46.23
	cm ³ /sec	254	314	452	314	453	616	427	580	758
Screw Stroke	in	9.4			11.02			12.60		
	mm	240			280			320		
Screw Diameter	in	1.77	1.97	2.36	1.97	2.36	2.76	2.36	2.76	3.15
	mm	45	50	60	50	60	70	60	70	80
L/D Ratio	L/D	26.70	24	20	28	23.30	20	26.70	22.90	20
Screw Speed	rpm	350			300			250		
Plasticizing Rate, GPPS	oz/sec	1.61	2.03	2.80	1.61	2.45	3.15	1.96	2.69	3.53
	gm/sec	46	58	80	46	70	90	56	77	101
Number of Pyrometers (Barrel/Nozzle)	qty	4 / 1			4 / 1			4 / 1		
Total Heat Capacity	kW	16.90			24.90			39.60		

CLAMP

Clamping Force	ton kN	400 3,560
Clamp Stroke	in mm	26.50 675
Maximum Daylight	in mm	58 1,475
Min/Max Mold Height	in mm	9.80 / 31.50 250 / 800
Platen Size (H x V)	in mm	40.50 x 40.50 1,030 x 1,030
Distance Between Tie Rods (H x V)	in mm	28.30 x 28.30 720 x 720
Tie Bar Diameter	in mm	5.10 130
Ejector Force	ton kN	7.80 70
Ejector Stroke	in mm	7.87 200
Maximum Mold Weight	lbs kg	8,708 3,950
Dry Cycle (Euromap 6)	sec-in sec-mm	2.60 - 19.80 2.60 - 504

GENERAL

Total Connected Load	kW	55.80
Machine Dimensions (L x W x H)	ft m	24.20 x 6.72 x 8 7.40 x 2.10 x 2.50
Machine Weight	lbs kg	38,139 17,300