

Technical Specifications

INJECTION UNIT	ENGLISH METRIC	3470 Frame			4550 Frame	
		A	B	C	A	B
Injection Capacity, Maximum GPPS	oz	46.50	60.70	76.90	85	105
	gms	1,318	1,722	2,179	2,417	3,142
Theoretical Displacement	in³	84.50	110.40	139.70	155.30	191.70
	cm ³	1,385	1,810	2,290	2,545	3,142
Maximum Injection Pressure	psi	33,190	27,796	21,967	25,375	20,590
	bar	2,289	1,917	1,515	1,750	1,420
Injection Rate	in³/sec	35.38	46.23	58.62	46.54	57.46
	cm ³ /sec	580	758	961	763	942
Screw Stroke	in	14.20			15.70	
	mm	360			400	
Screw Diameter	in	2.76	3.15	3.54	3.54	3.94
	mm	70	80	90	90	100
L/D Ratio	L/D	25.70	22.50	20	22	20
Screw Speed	rpm	220			170	
Plasticizing Rate, GPPS	oz/sec	2.13	3.01	3.99	3.74	4.76
	gm/sec	61	86	114	107	136
Number of Pyrometers (Barrel/Nozzle)	qty	4 / 1			4 / 1	
Total Heat Capacity	kW	57.90			53.90	

CLAMP

Clamping Force	ton	725
	kN	6,500
Clamp Stroke	in	39.30
	mm	1,000
Maximum Daylight	in	78.70
	mm	2,000
Min/Max Mold Height	in	17.71 / 43.30
	mm	450 / 1,100
Platen Size (H x V)	in	54.72 x 52.36
	mm	1,390 x 1,330
Distance Between Tie Rods (H x V)	in	42.50 x 38.58
	mm	1,080 x 980
Tie Bar Diameter	in	-
Ejector Force	ton	13.50
	kN	120
Ejector Stroke	in	9.84
	mm	250
Maximum Mold Weight	lbs	17,901
	kg	10,640
Dry Cycle (Euromap 6)	sec-in sec-mm	-

GENERAL

Total Connected Load	kW	-
Machine Dimensions (L x W x H)	ft	-
	m	-
Machine Weight	lbs kg	-