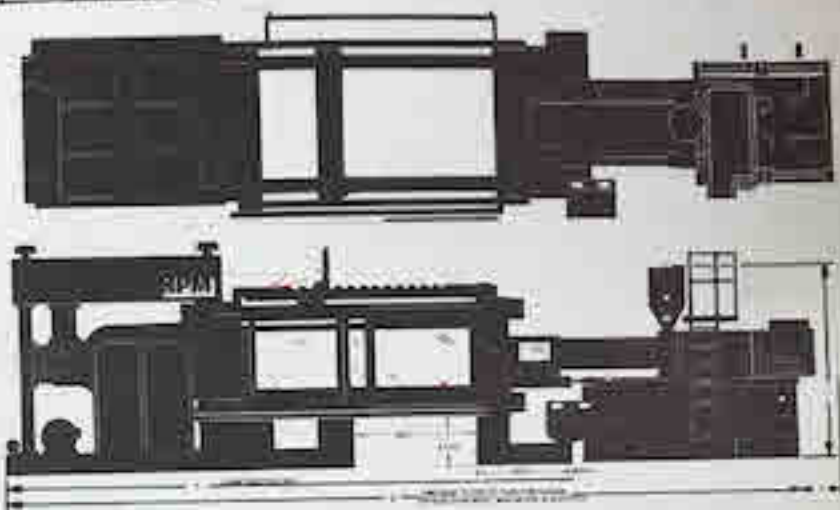


	A	B	C	D	E	F
Model 1500	188.5	225.8	135.58	128.5	35.75	287.90
Model 1500-200	190.5	232.8	130.58	128.5	35.00	287.90
Model 1500-300	190.00	224.0	130.50	128.75	35.75	271.00
Model 1500-400	192.00	238.0	130.50	128.75	30.00	271.00



Technical Specifications

Model 1500	1500
Clamping Force (Tons)	1500
Clamping Force (Tons)	76
Clamp Stroke Max. (in.)	60
Clamp Stroke	
Clamp Stroke or Ram Spacer (in.)	120
Clamp Stroke Assembly (in.)	104
Clamp Stroke and Ram Spacer (in.)	92
Clamp Stroke	
Clamp Stroke or Ram Spacer (in.)	60
Clamp Stroke Assembly (in.)	44
Clamp Stroke and Ram Spacer (in.)	32
Clamp Stroke	
Clamp Stroke	STD. 76 x 76
Clamp Stroke	OPT. 90 x 76
Clamp Stroke	STD. 52 x 52
Clamp Stroke	OPT. 72 x 52
Clamp Stroke (in.)	9 1/2
Clamp Stroke Knockout—	
Clamp Stroke	Mechanical 76
Clamp Stroke	Hydraulic 36
Clamp Stroke (Mechanical or Hydraulic)	7
Clamp Stroke (in. max.)	
Clamp Stroke	33
Clamp Stroke (Max. Lower)	2.9
Clamp Stroke	1.5
Clamp Stroke	24

28 1/2"

INJECTION UNIT	200	400
Injection Capacity (cu. in.)	450	735
Injection Capacity G.R.P.S. (oz.)	200	400
(3) Plasticizing Capacity—(Est. lbs/hr)	1,200	1,500
(3) Recovery Rate—(Est. oz./sec.)	5.5	6.7
Injection Pressure—Max. Adjustable (PSI)	20,000	20,000
(4) Injection Rate (cu. in. /sec.)	111	111
Injection Stroke—Max. (in.)	31	26
Screw Diameter (in.)	5 1/2	6
Barrel L/D Ratio	20:1	20:1
(5) Screw RPM (Adj.)	Range 1 142	142
	Range 2 71	71
(5) Torque (ft.-lbs.) (Adj.)	Range 1 75,150	75,150
	Range 2 150,300	150,300

GENERAL	200%	200%
Total Rated HP	226,000	241,000
Total Shipping Weight (lbs.)	57	56
Max. Heating Capacity (4 zones) (KW)	1.4	1.4
Max. Nozzle Heating Capacity (KW)	1400	1400
Oil Res. Capacity (Gals.)	300	300
Hopper Capacity (lbs.)		

(3) Based On GPPS Per SFI Test Procedure With 15°F Max. Melt Temp. Variation And 50% Injection Capacity
 (4) Calculated Using Rated Pump Output At Max. Injection Pressure
 (5) Calculated Using Pump Output At Rated Torque And 100% Efficiency Of Hydraulic Motor

Clamping Force (Tons)		1500
Clamp Opening Force (Tons)		76
Clamp Stroke Max. (in.)		60
Open Daylight:		
Without Ejector or Ram Spacer (in.)		120
With Ejector Assembly (in.)		104
With Ejector and Ram Spacer (in.)		92
Closed Daylight:		
Without Ejector or Ram Spacer (in.)		60
With Ejector Assembly (in.)		44
With Ejector and Ram Spacer (in.)		32
Plate Dimensions	STD.	76 x 76
H x V (in.)	OPT.	96 x 76
Distance Between Strain	STD.	52 x 52
Rods H x V (in.)	OPT.	72 x 52
Rod Diameter (in.)		9½
Ejector Knockout—	Mechanical	76
Force (Tons)	Hydraulic	38
Stroke (in.) (Mechanical or Hydraulic)		7
Clamp Speeds (in./sec.)		
Closing Fast		23
Closing Slow (Adj. Lower)		2.9
Opening Slow		1.5
Opening Fast		24

28

(1) Hydraulic Ejector Knockout Optional
 2" Ram Spacer

INJECTION UNIT

	260	400
Injection Capacity (cu. in.)	455	735
Injection Capacity G.P.P.S. (oz.)	260	400
(3) Plasticizing Capacity—(Est. lbs/hr)	1,200	1,500
(3) Recovery Rate— (Est. oz./sec.)	5.3	6.7
Injection Pressure—Max. Adjustable (PSI)	20,000	20,000
(4) Injection Rate (cu. in. sec.)	111	111
Injection Stroke— Max. (in.)	21	26
Screw Diameter (in.)	5¼	6
Barrel L/D Ratio	20:1	20:1
(5) Screw RPM (Adj.)	Range 1	142
	Range 2	71
(5) Torque (in.-lbs.) (Adj.)	Range 1	75,150
	Range 2	150,300

GENERAL

Total Rated HP	282½	282½
Total Shipping Weight (lbs.)	226,000	241,000
Max. Heating Capacity (4 zones) (KW)	57	68
Max. Nozzle Heating Capacity (KW)	1.4	1.4
Oil Res. Capacity (Gals.)	1400	1400
Hopper Capacity (lbs.)	300	300

(3) Based On GPPS Per SPI Test Procedure With 15°F Max. Melt Temp. Variation And 50% Injection Capacity.

(4) Calculated Using Rated Pump Output At Max. Injection Pressure

(5) Calculated Using Pump Output At Rated Torque And 100% Efficiency Of Hydraulic Motor.