

EXTRUDER	250 / 450 (60 Ton)	300 / 700 (88 Ton)	700 / 1200 (135 Ton)	700 / 1600 (189 Ton)
Screw Diameter Inch (mm)	1.77 (45)	2.16 (55)	2.75 (70)	2.75 (70)
L / D	22:01	24:01:00	24:01:00	24:01:00
Plastification Rate Grams / Sec.	24 / sec	30 / sec	42 / sec	42 / sec
Optional Extruder Screw Grams / Sec.	30 / sec	40 / sec	55 / sec	55 / sec
CLAMP				
Blow Clamp Tonnage US Tons / KN	8.43 (75)	12.3 (110)	22.4 (200)	22.4 (200)
Injection Clamp Tonnage US Tons / KN	51.7 (460)	78.6 (700)	135 (1200)	180 (1600)
Clamp Open Stroke Inch (mm)	4.7 (120)	5.0 (127)	5.0 (127)	5.0 (127)
Maximum Die Set Width Inch (mm)	24.4 (620)	31.5 (800)	44.9 (1140)	44.9 (1140)
Mold Stack Height Inch (mm)	9.44 (240)	10.00 (254)	10.00 (254)	10.00 (254)
Maximum Swing Radius Inch (mm)	19.0 (485)	24.0 (610)	30.7 (780)	30.7 (780)
Trigger Bar Length Inch (mm)	17.9 (456)	25.9 (660)	38.9 (988)	38.9 (988)
Machine Center of Pressure Inch (mm)	14.1 (360)	16.5 (420)	21.6 (550)	21.6 (550)
Dry Cycle Sec.	2.89	2.89	3	3
UTILITIES				
Total Electrical KW	38.3	50.7	102.1	102.1
Average Running Load KW	23	34	43	45
Hydraulic Reservoir Capacity Gal (L)	105 (400)	105 (400)	150 (568)	105 (568)
Main Motor HP (KW)	30 (22)	40 (30)	75 (55)	75 (55)
Chilled Water Requirement Gal/Min/Deg F	Oct-50	20 / 50	25 / 50	25 / 50
Tower Water Gal/Min/Deg F	15 / 75	25 / 75	25 / 75	30 / 75
Air Pressure Required PSI / SCFM	150 / 18	150 / 25	150 / 35	150 / 35
Machine Dimensions L x W x H Inches	157.5 x 59 x 78.7	159 x 63 x 72.8	178 x 81.5 x 78.3	178 x 81.5 x 78.3
Machine Weight US Tons	5	9.5	17	17.1