

STRUCTURAL FOAM MOLDING MACHINE

SPECIFICATIONS - HE SERIES

SPREADSHEET

	375 Ton Standard	500 Ton Original	500 Ton Standard	500 Ton Wide	750 Ton Standard	750 Ton Wide	750 Ton Super	1000 Ton Standard	1000 Ton Super
Clamp Force	375 US Tons	500 US Tons	500 US Tons	500 US Tons	750 US Tons	750 US Tons	750 US Tons	1000 US Tons	1000 US Tons
Platen Size - Standard (VxH)	72 x 72	72 x 118	72 x 96	72 x 142	84 x 134	86 x 167	102 x 167	96 x 152	120 x 152
Tie Bar Clearance (VxH)	56 x 56	50 x 96	50 x 74	50 x 120	58 x 108	60 x 141	76 x 141	64 x 120	88 x 120
Tie Bar Diameter	6 Inches	8 Inches	8 Inches	8 Inches	10 Inches	10 Inches	10 Inches	12 Inches	12 Inches
Stroke	60 Inches	60 Inches	84 Inches	60 Inches	72 Inches	72 Inches	72 Inches	108 Inches	108 Inches
Daylight - Maximum	96 Inches	96 Inches	120 Inches	96 Inches	120 Inches	120 Inches	120 Inches	144 Inches	144 Inches
Minimum	36 Inches	36 Inches	36 Inches	36 Inches	48 Inches	48 Inches	48 Inches	36 Inches	36 Inches
Extruder Diameter	4.5 Inch 30:1	4.5 Inch 30:1	6 Inch 30:1	Dual 4.5 Inch 30:1	6 Inch 30:1	6 Inch 30:1	6 Inch 30:1	6 Inch 30:1	Dual 6 Inch 30:1
Extruder Drive	,200 Hp	200 Hp	250 Hp	200 Hp each	250 Hp	250 Hp	250 Hp	250 Hp	250 Hp each
Plasticating Capacity	900 Lbs./Hr.	900 Lbs./Hr.	1,500 Lbs./Hr.	900 Lbs./Hr. Per Ext.	1,500 Lbs./Hr.	1,500 Lbs./Hr.	1,500 Lbs./Hr.	1,500 Lbs./Hr.	1,500 Lbs./Hr. per Ext.
Shot Size (lb/ in._)	50/1700	50/1700	75/2770	Dual 50/1700	Dual 50/1700	Dual 50/1700	Dual 50/1700	Dual 75/2770	Dual 100/3600
Injection Sequences	2	2	2	4-2/side	4-2/side	4-2/side	4-2/side	4-2/side	4-2/side
Injection Pressure	6000psi	6000 psi	6000 psi	6000 psi	6000 psi	6000 psi	6000 psi	6000 psi	6000 psi
No. of Nozzles Mounted	4	12	12	16	18 (9 per side)	18 (9 per side)	18 (9 per side)	24 (12 per side)	24 (12 per side)
No. of Nozzle Locations	81	126	99	162	190	238	326	208	302