



SPECIALIZING IN
 LEWIS RUBBER INJECTION MOLDING MACHINERY
 SERVICE ★ REBUILDING ★ RETROFITTING
 Press Operation ★ Production Techniques ★ Molds ★ Compounds

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SPECIFICATION SHEET

MODEL SERIES 600V-SR Lewis Rubber Injection Molding Machine MODEL NUMBER: 600V-335-20-30X36X16-24

INJECTION

Theoretical Max. Shot Capacity of 1.25 Sp. Gr. Mat'l (Ounces)	240
Max. Effective Plunger Displacement Per Shot (Cubic Inches)	335
Diameter of Injection Plunger (Inches)	4-3/16
Pressure On Material (P.S.I. Maximum)	20,000
Inject Plunger Displacement Rate (Cu.In./Sec.)	16.2
Inject Feed Slot Opening (3/4" Radius 4 Corners)	2-3/4 x 4-3/4"

CLAMPING

Mold Thickness (Min-Max. Inches)	4-16
Mold Opening Stroke (Inches)	24
Size of Heating Platen, Left to Right (Inches)	30
Size of Heating Platen, Front to Back (Inches)	36
Distance between Strain Rods, Left to Right (Inches)	36
Distance between Strain Rods, Front to Back (Inches)	22
Number of Clamp Strain Rods	4
Diameter of Clamp Strain Rods (Inches)	6
Mold Clamping Pressure (Tons Maxium)	600
Hydralock Diameter (Inches)	25
Clamp Close Time Minium (Seconds)	5
Clamp Opening Time Minium (Seconds)	5

GENERAL

Hydraulic System Operating Pressure (P.S.I. Maximum)	2,500
Hydraulic Pump Volume (G.P.M. at 2000 P.S.I.)	34.5
Hydraulic Pump Volume (G.P.M. at 700 P.S.I.)	97
Oil Reservoir Capacity (Gallons)	200
Motor Horsepower	50
Motor Speed (R.P.M.)	1200
Heating Platens (Total Watts)	33,000
Water Heater (Total Watts)	18,000
Overall Length (Inches)	13'1"
Overall Height (inches)	17'-7"
Overall Width (Inches)	64
Weight (Pounds)	34,000
Power Requirements ~ 440 Volts ~ 3 Phase ~ 60 Cycle (Total Amps)	150