



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

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SPECIFICATION SHEET

MODEL SERIES 400V-SR Lewis Rubber Injection Molding Machine SERIAL NUMBER SR-410 MODEL NUMBER: 400V-SR-335-20-30X30X16-24

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
Diameter of Screw (Inches)	3.5
Pressure On Material (P.S.I. Maximum)	20,000
Effective Stroke of Injection Plunger (inches)	29-3/8
Inject Feed Slot Opening (3/4" Radius 4 Corners)	2-3/4 x 4-3/4"

CLAMPING

Mold Thickness (Min-Max. Inches)	3-16
Mold Opening Stroke (Inches)	24
Size of Heating Platen, Left to Right (Inches)	30
Size of Heating Platen, Front to Back (Inches)	30
Distance between Strain Rods, Left to Right (Inches)	36
Distance between Strain Rods, Front to Back (Inches)	17
Number of Clamp Strain Rods	4
Diameter of Clamp Strain Rods (Inches)	5
Mold Clamping Pressure (Tons Maxium)	401
Hydralock Diameter (Inches)	20
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	75
Motor Speed (R.P.M.)	1200
Heating Platens (Total Watts)	33,000
Overall Lenght (Inches)	157
Overall Height (inches)	206
Overall Width (Inches)	125
Weight (Pounds)	28,800
Power Requirements ~ 440 Volts ~ 3 Phase ~ 60 Cycle (Total Amps)	130