



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

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SPECIFICATION SHEET

MODEL SERIES 200V-RAN Lewis Rubber Injection Molding Machine SERIAL NUMBER V-2166 MODEL NUMBER: 200V-98-20-18x22x14-18

INJECTION

Theoretical Max. Shot Capacity of 1.25 Sp. Gr. Mat'l (Ounces)	98
Max. Effective Plunger Displacement Per Shot (Cubic Inches)	
Diameter of Injection Plunger (Inches)	2-1/2
Pressure On Material (P.S.I. Maximum)	20,000
Effective Stroke of Injection Plunger (inches)	20
Injection Plunger Displacement Rate (Cu. In./Sec.)	7.3
Inject Feed Slot Opening (1-1/8" Radius 4 Corners)	2-1/4 x 4"

CLAMPING

Mold Thickness (Min-Max. Inches)	3-1/8-14
Mold Opening Stroke (Inches)	18
Size of Heating Platen, Left to Right (Inches)	18
Size of Heating Platen, Front to Back (Inches)	22
Distance between Strain Rods, Left to Right (Inches)	20-3/4
Distance between Strain Rods, Front to Back (Inches)	10-1/2
Number of Clamp Strain Rods	4
Diameter of Clamp Strain Rods (Inches)	4-1/4
Mold Clamping Pressure (Tons Maxium)	201
Hydralock Diameter (Inches)	16
Clamp Close Time Minium (Seconds)	7
Clamp Opening Time Minium (Seconds)	7

GENERAL

Hydraulic System Operating Pressure (P.S.I. Maximum)	2,000
Hydraulic Pump Volume (G.P.M. at 2000 P.S.I.)	54.5
Hydraulic Pump Volume (G.P.M. at 500 P.S.I.)	19.2
Oil Reservoir Capacity (Gallons)	125
Motor Horsepower	20
Motor Speed (R.P.M.)	1,200
Heating Platens (Total Watts)	18,000
Water Heater (Total Watts)	9,000
Overall Lenght (Inches)	98-1/2
Overall Height (inches)	182
Overall Width (Inches)	52
Weight (Pounds)	12,500
Power Requirements ~ 440 Volts ~ 3 Phase ~ 60 Cycle (Total Amps)	68