



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

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SPECIFICATION SHEET

MODEL SERIES 300V-RAN Lewis Rubber Injection Molding Machine

SERIAL NUMBER V-334

SERIAL NUMBER V-335

SERIAL NUMBER V-336

MODEL NUMBER: 300V-147.5-20-24x24x16-18

INJECTION

Theoretical Max. Shot Capacity of 1.25 Sp. Gr. Mat'l (Ounces)	147.5
Diameter of Injection Plunger (Inches)	3-1/2
Pressure On Material (P.S.I. Maximum)	20,000
Effective Stroke of Injection Plunger (inches)	15 3/8
Injection Plunger Displacement Rate (Cu. In./Sec.)	14.8
Inject Feed Slot Opening (1-1/8" Radius 4 Corners)	2-3/4 x 4-3/4"
Diameter of Screw (Inches)	2-1/2

CLAMPING

Mold Thickness (Min-Max. Inches)	4-16
Mold Opening Stroke (Inches)	18
Size of Heating Platen, Left to Right (Inches)	24
Size of Heating Platen, Front to Back (Inches)	24
Distance between Strain Rods, Left to Right (Inches)	28
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)	314
Hydralock Diameter (Inches)	20
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.)	38
Oil Reservoir Capacity (Gallons)	150
Motor Horsepower	40
Motor Speed (R.P.M.)	1,800
Heating Platens (Total Watts)	27,000
Water Heater (Total Watts)	18,000
Overall Lenght (Inches)	112-1/2
Overall Height (inches)	15'-9"
Overall Width (Inches)	54
Weight (Pounds)	25,000
Power Requirements ~ 440 Volts ~ 3 Phase ~ 60 Cycle (Total Amps)	120

NOTE: ALL THREE MACHINES ARE EQUIPPED WITH ECON-O-FLOW 4 NOZZLE SYSTEM!