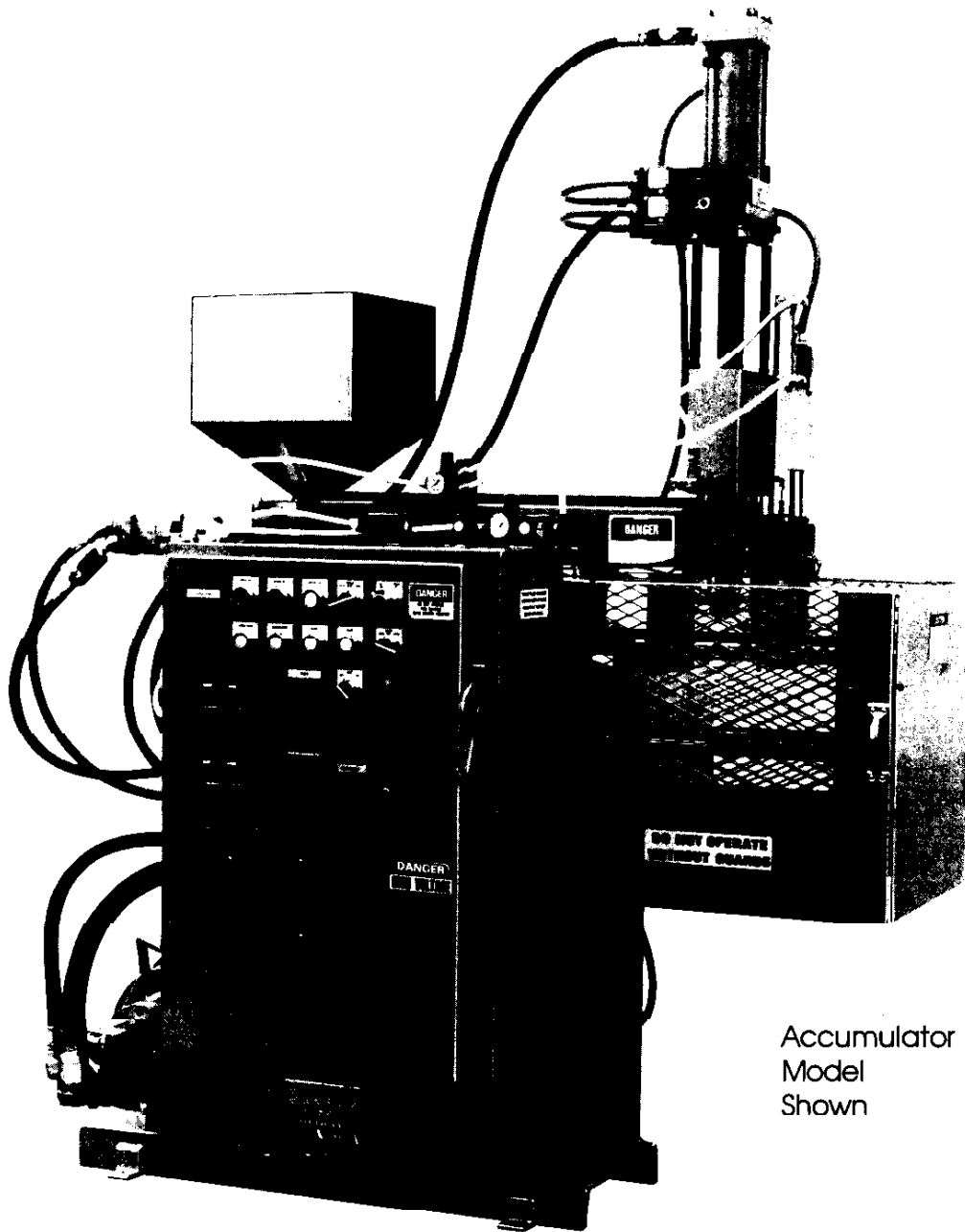


# MODEL R-3S BLOW MOLDER



Accumulator  
Model  
Shown

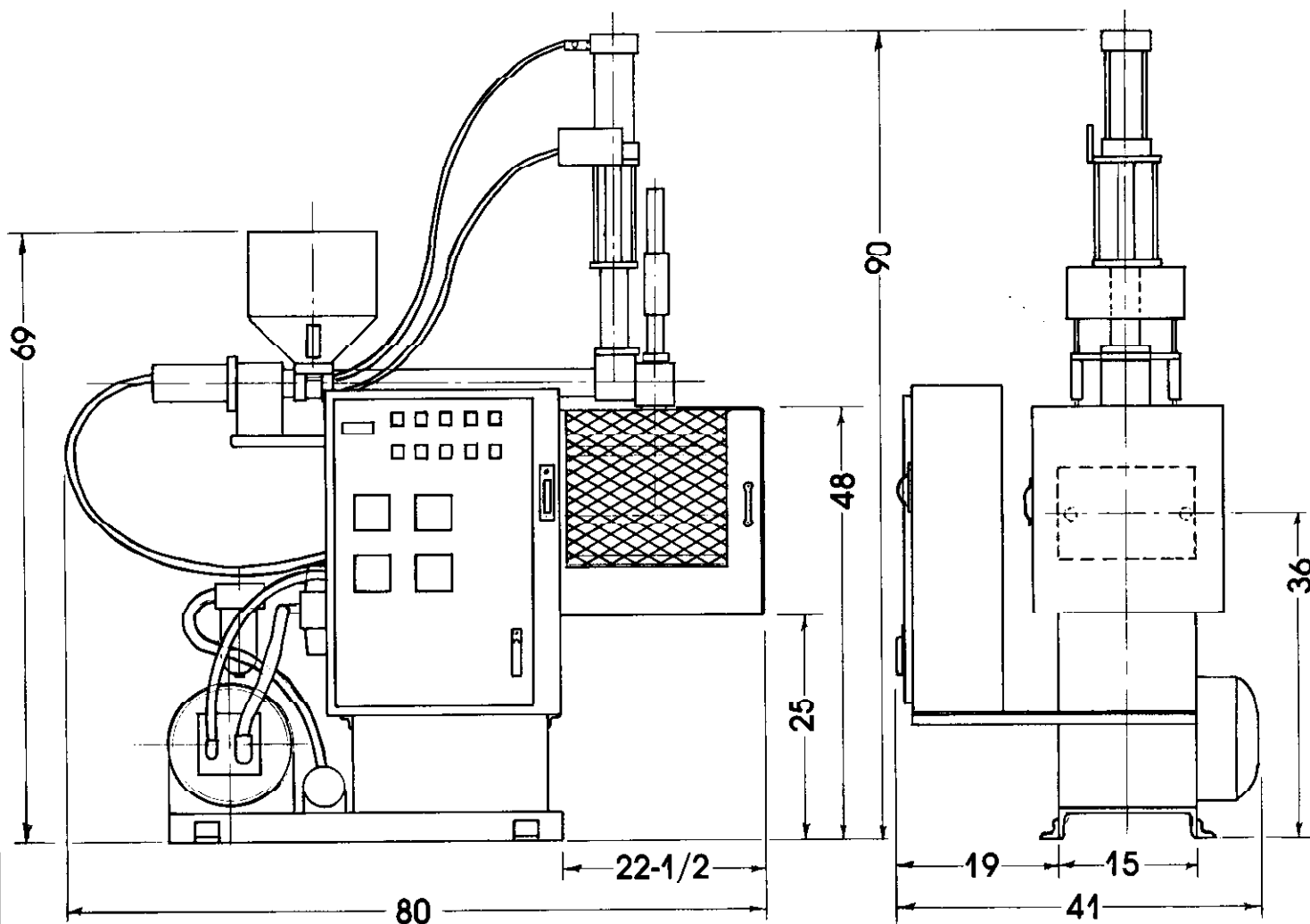
The MODEL R-3S blow molder is available in 2 different modes. The first uses the plasticizing screw for parison extrusion and the length of the parison is controlled by a timer. In the alternate method the plasticizing screw fills an accumulator barrel and the parison is extruded by means of a hydraulic cylinder forcing the molten plastic out of the accumulator barrel. The accumulator method decreases the amount of time needed to extrude a parison. The machine is intended to have a capacity of an item in the one half gallon size range.

## FEATURES

- Low capital cost
- Versatility
- Ease of maintenance
- Color flexibility
- Quick & easy set up
- Fully guarded for operator safety
- Short jobs become economical
- Space saving design
- Easy access to controls



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## MODEL R-3S SPECIFICATIONS

### SCREW MECHANISM

- SCREW: 1.5 in. dia. 24 to 1 L/D
- BARREL: bi-metallic
- SCREW DRIVE: hydraulic motor variable to 290 RPM
- FULL SHOT (ACCUMULATOR): 224 grams
- PLASTICIZING CAPACITY: 70 lbs.
- HOPPER CAPACITY: 35 lbs.

### CLAMPING MECHANISM

- HYDRAULIC CLAMP FORCE: 16,000 lbs.
- MAX PLATEN OPENING: 18 inches
- MIN PLATEN OPENING: 5 inches
- USABLE PLATEN AREA: 10x10

### HYDRAULIC

- PUMP: 15 GPM 2,000 P.S.I.
- VALVES: manifold mounted spring offset type
- CYLINDERS: 2.5 in. dia. x 7 in. stroke for clamp, 2.5 in. dia x 8 in. stroke for accumulator
- OIL RESERVOIR: 22 gals.
- OIL FILTER: externally mounted
- OIL STRAINER: internally mounted

### ELECTRICAL

- MOTOR: 15 h.p., 1800 rpm, 220/440 volts, 3 ph., 60 cycle
- CONTROLS: 110 volts through transformer
- HEATERS: 220 volts, single phase
- HEAT CONTROLS: 3 solid state pyrometers (4 on accumulator machine) and 1 solid state variac
- HEATING WATTS: 8,800 (9,800 on accumulator machine)
- FULL LOAD POWER CONSUMPTION: 62 standard 65 accumulator

### GENERAL

- MACHINE SIZE: 80 in. long 41 in. wide 90 in. high
- NET WEIGHT: 1,250 lbs.
- SHIPPING WEIGHT: 1,500 lbs.

### STANDARD EQUIPMENT

- heat exchanger for cooling hydraulics
- main line air filter and oiler
- pressure reducing valve and gauge for blowing
- quick exhaust valve on blow line
- 3 or 4 zone pyrometer heat control
- variac heat control for bushing
- plug in timers
- top knock out attachment
- one set blank mandrel pin and bushing

### OPTIONAL EQUIPMENT

- 2 or 3 parison cross heads
- bottom blow attachment
- low pressure pre blow
- hopper magnet
- vibration mounts
- parison programming
- special screws
- 16 station water manifold (8 in 8 out)

**NOTICE:** The company reserves the right to incorporate any changes in design without obligation to make these changes on units previously sold. Prices quoted are for U.S. only, and subject to change without notice. State and local taxes extra where applicable.