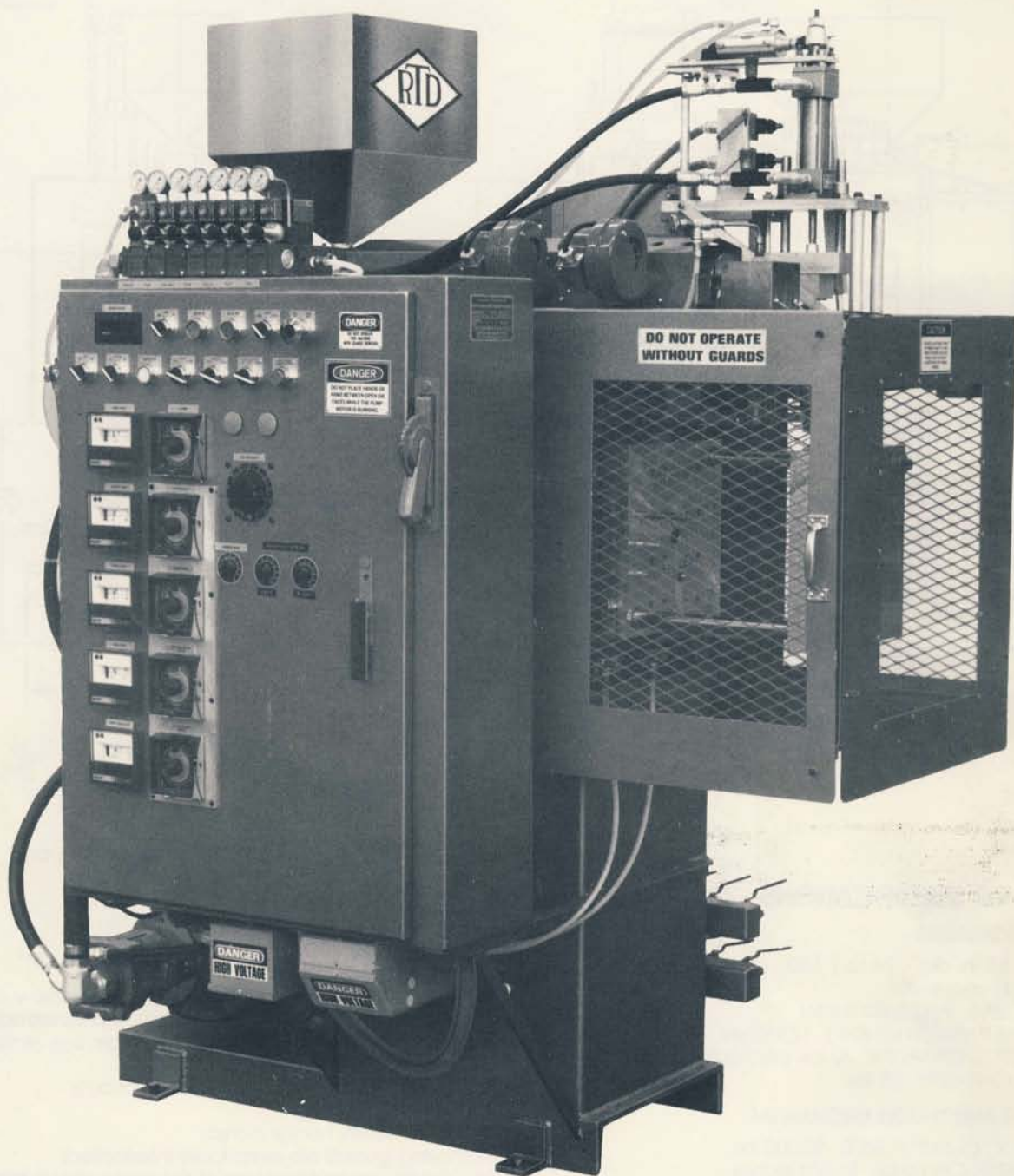


MODEL R-7 BLOW MOLDER



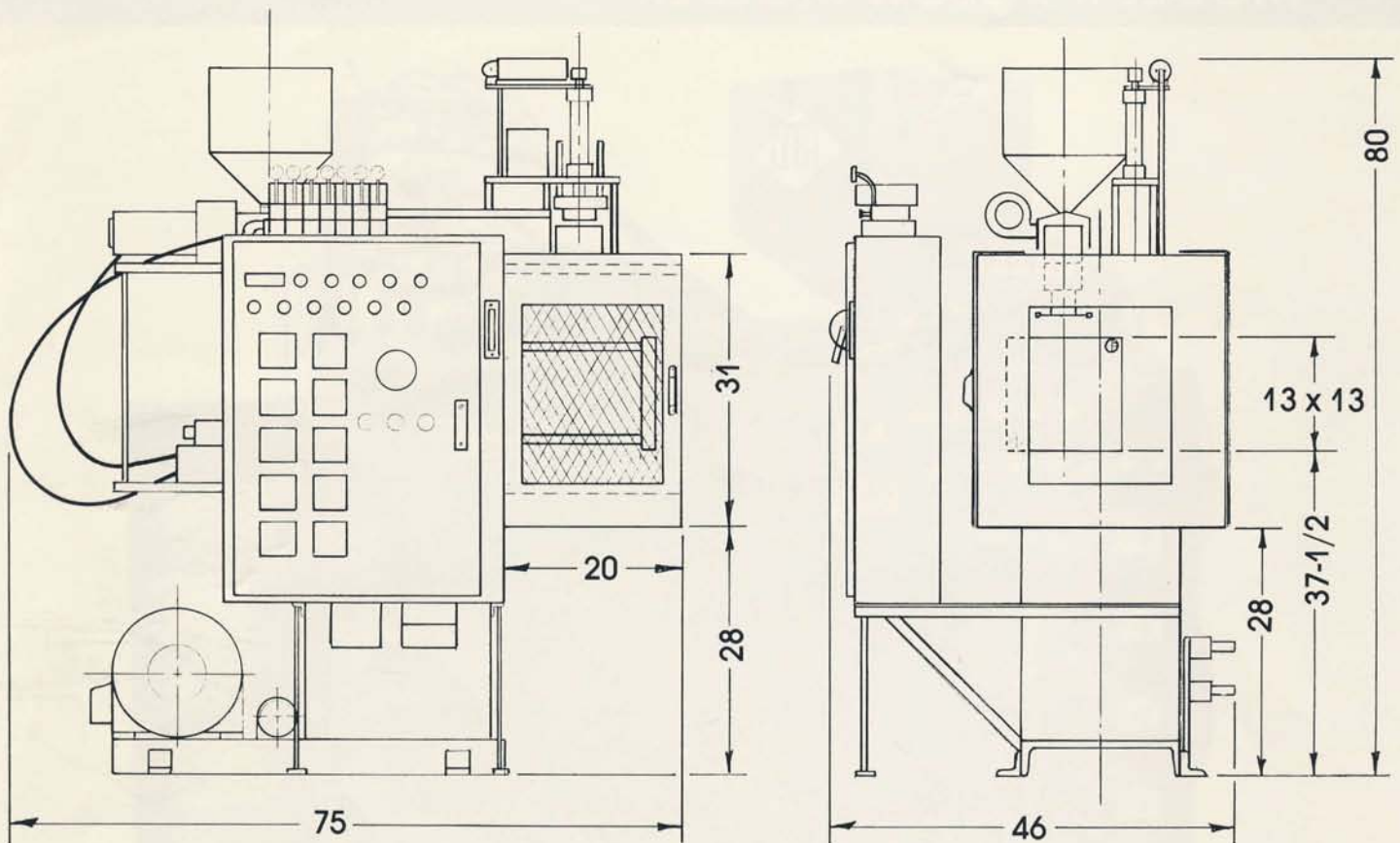
The MODEL R-7 blow molder is a shuttle type screw extrusion blow molding machine. The parison is extruded at one location and then transferred to another location for blowing, bottle forming, cooling, and neck finishing. While this is occurring the next parison is being extruded thus saving valuable process time. The ideal capacity is for containers up to 1 liter and a finished neck size of up to 38 mm. Although the machine was designed primarily as a finished bottle machine it does lend itself to many other items. Single and double cross heads are available for PVC as well as other resins.

FEATURES

- space saving design
- easy access to controls
- eliminates secondary operations
- fully guarded for operator safety
- ease of maintenance
- un-obstructed area for part discharge



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MODEL R-7 SPECIFICATIONS

SCREW MECHANISM

- SCREW: 1.5 in. dia. 24 to 1 L/D
- BARREL: bi-metallic
- SCREW DRIVE: hydraulic motor
- MAXIMUM PARISON LENGTH: 12 inches
- PLASTICIZING CAPACITY: 70 lbs. per hour H.D. PE.
- HOPPER CAPACITY: 35 lbs.

CLAMPING AND SHUTTLE MECHANISM

- HYDRAULIC CLAMP FORCE: 10,000 lbs.
- MAX. PLATEN OPENING: 14-3/4 inches
- MIN. PLATEN OPENING: 7-3/4 inches
- PLATEN SIZE: 13 x 3 inches
- SHUTTLE STROKE: 8 inches

HYDRAULIC

- PUMP: 15 GPM 2,000 P.S.I.
- VALVES: manifold mounted
- OIL RESERVOIR: 26
- OIL FILTER: externally mounted

ELECTRICAL

- MOTOR: 15 H.P., 1800 RPM 220/440 Volts, 3 phase, 60 Hz.
- CONTROLS: 110 Volts through transformer
- HEATERS: 220 Volts, single phase
- HEAT CONTROLS: 4 solid state pyrometers and 1 solid state variac for nozzle
- HEATING WATTS: 8320
- FULL LOAD POWER CONSUMPTION: 62 amps

GENERAL

- MACHINE SIZE: 75 inches long, 46 inches wide, and 80 inches high
- NET WEIGHT: 2400 lbs.
- SHIPPING WEIGHT: 3000 lbs.

STANDARD EQUIPMENT

- 7-station air manifold for blowing, finishing, preblow, each station to have a regulator and gauge for pressure adjustment;
- quick exhaust valve on the blow line; main line air filter and oiler;
- 5-zone heat control (4 pyrometers, 1 variac);
- 2-zone barrel cooling;
- all the necessary heater bands;
- all moving guards are electrically interlocked;
- flow control valves for control of the screw speed, clamp speed and shuttle speed;
- RPM indicator for screw speed;
- heat exchanger for cooling of the hydraulics;
- return line oil filter and suction strainer;
- 16-station water manifold to facilitate water connections to the various machine functions: (8 in 8 out)
- air operated hot knife assembly for parting the parison from the extrusion head;
- top finish and knock out attachment

OPTIONAL EQUIPMENT

- 2 parison cross heads 85 MM c.c.
- hopper magnet
- vibration mounts
- parison programming
- special screws
- finishing pins & cutting rings

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.