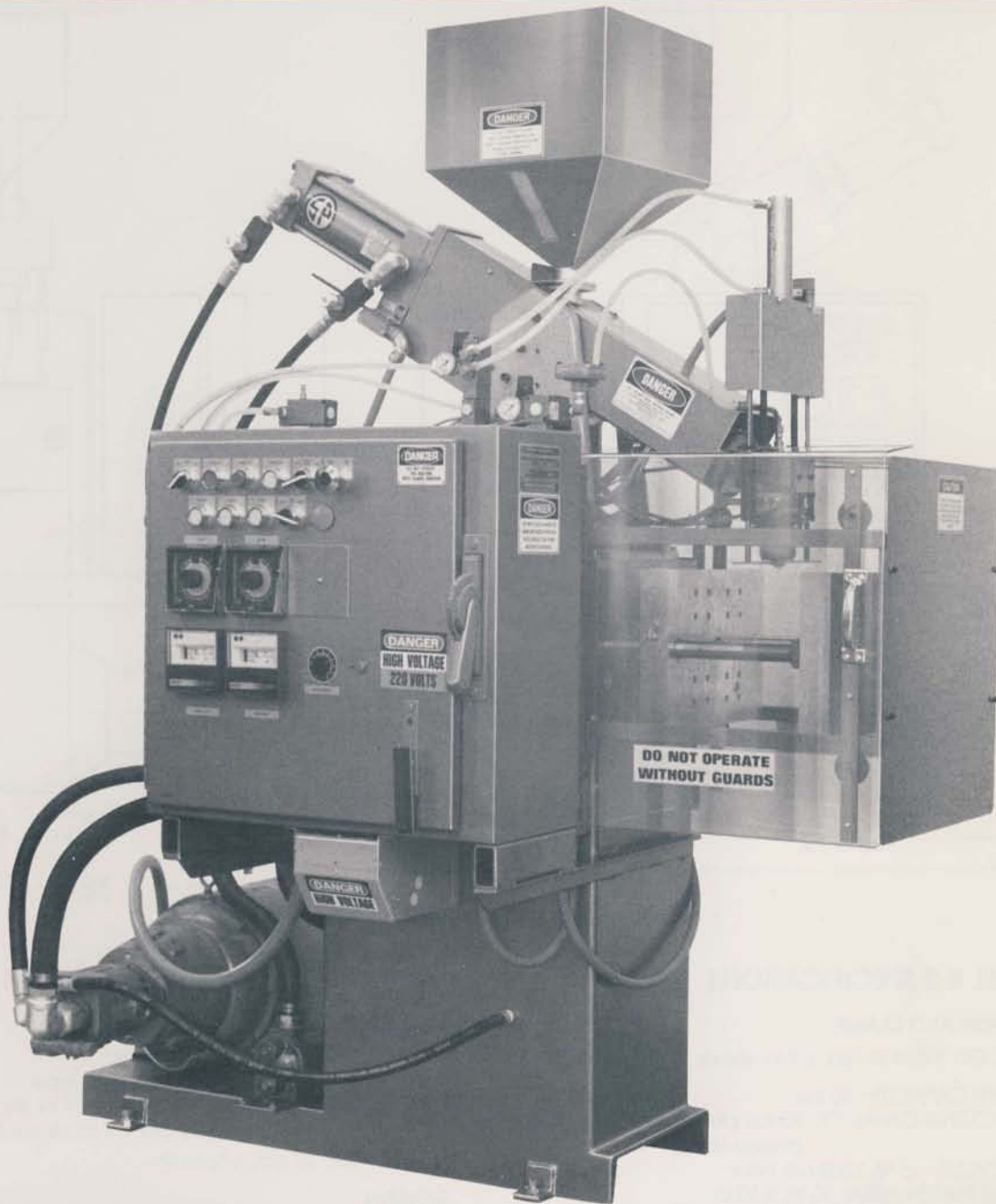


# MODEL R-2 BLOW MOLDER



The MODEL R-2 blow molder is a plunger type of extrusion blow molder and will blow mold containers to one pint capacity. Over 200 of these versatile machines are out in the field molding various types of industrial articles, toys, medical items, and containers.

## FEATURES

Production proven blow molder engineered to provide simplicity of operation in a space saving design.

The size of pieces molded by the machine range from 11 inches high or 5 inches diameter to parts only a fraction of an inch in size.

The R-2 blow molder is designed so as to have many machines in a line with a conveyor belt running under the platens to catch the product and deliver them to another location.

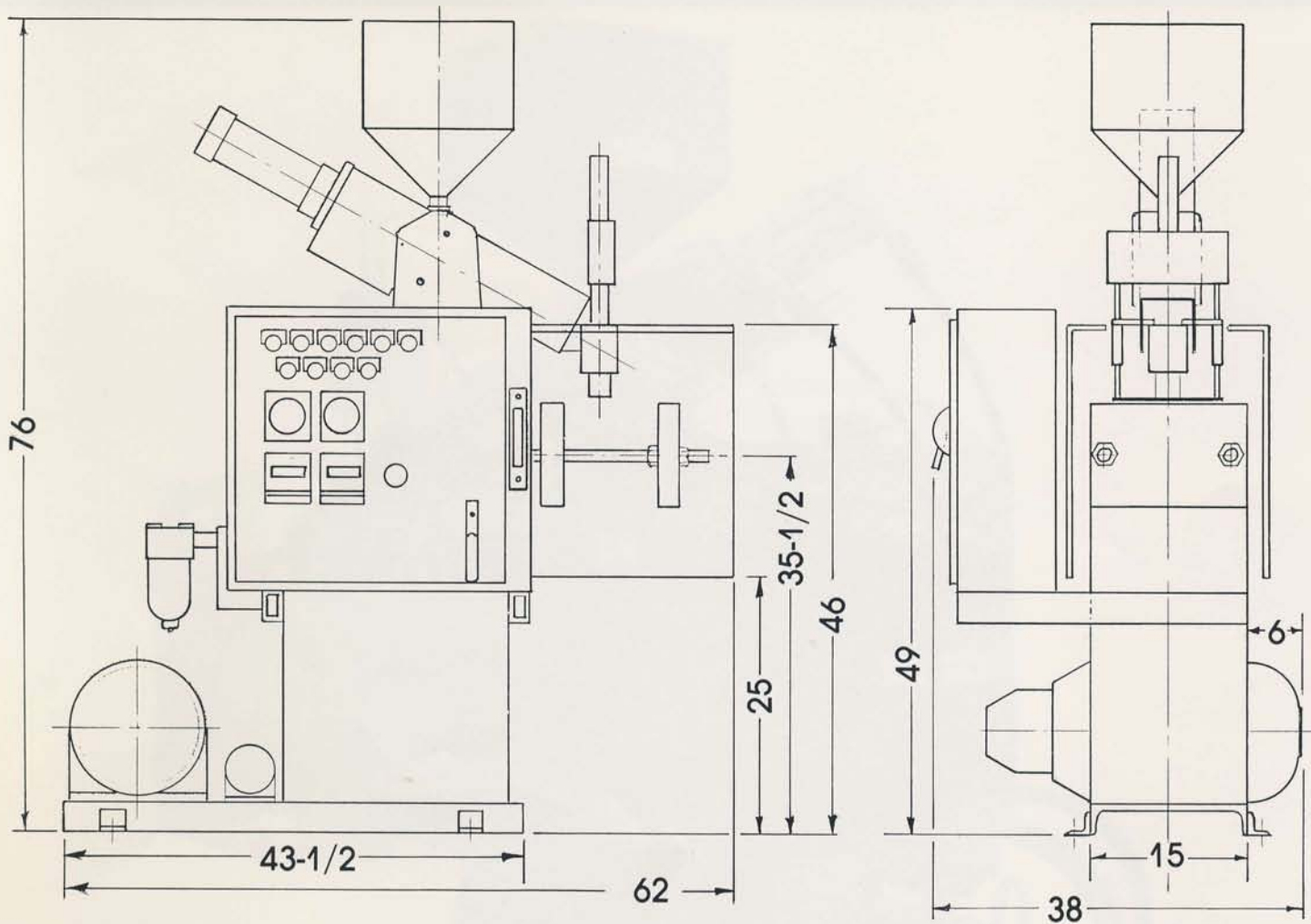
Safety gates protect the operator during the automatic cycle. Opening either gate opens the platens and returns the plunger to its starting position. Depressing the emergency stop button does the same.

A battery of R-2 blow molders with single cavity molds can be purchased and installed at a lower capital investment than large machines with multiple molds and in many cases can actually out-perform the larger units.



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## MODEL R-2 SPECIFICATIONS

### INJECTION AND CLAMP

- PLUNGER: 1-3/4 in. dia. x 7 in. stroke
- HOPPER CAPACITY: 35 lbs.
- PLASTICIZING CAPACITY: 35 lbs. per hour high density polyethylene
- DRY CYCLE: up to 1200 per hour
- USABLE PLATEN AREA: 10 in. x 10 in.
- MAX. PLATEN OPENING: 14 in.
- MIN. PLATEN OPENING: 5 in.
- CLAMPING FORCE: up to 6,500 lbs.

### ELECTRICAL

- MOTOR: 10 h.p., 1800 RPM, 220/440 volts, 3 PH. 60 Hz.
- HEATERS: 220 V., single PH.
- CONTROLS: 110 V., through transformer
- HEAT CONTROLS: 2 solid state pyrometers and 1 solid state variac
- HEATING - WATTS: 7000 watts
- FULL LOAD POWER CONSUMPTION: 45 amps

### HYDRAULIC

- PUMP: 10 GPM rated at 2,000 P.S.I.
- VALVES: single solenoid spring offset type
- CYLINDERS: high pressure 4 in. dia. x 7 in. stroke for injection. 2 in. dia. x 7 in. stroke for clamp.
- RESERVOIR: 22 gal. capacity

### GENERAL

- MACHINE SIZE: 62 in. long, 38 in. wide, 76 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.
- plug in timers
- top knock out attachment
- one set blank mandrel pin and bushing

### OPTIONAL EQUIPMENT

- double cross head
- platen delay timer
- retractable blow pin assembly
- hopper magnet
- automatic detab (machine control only)
- low pressure pre blow
- vibration mounts
- 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.