

USA

# Standard Features

- 1 Allen Bradley programmable control systems.
- 2 Screw speed tachometer.
- 3 Running time recorder.
- 4 Alarm system (visual and audible).
- 5 Two pressure blow.
- 6 Two pressure preform injection.
- 7 High and low plastifier temperature alarms.
- 8 Cycle Time Indicator.
- 9 Preform hot water manifold.
- 10 Blow mold cooling manifold.
- 11 Multi-position hydraulic pressure gauge.
- 12 Choice of plastifier screws:  
General purpose for PE, PS and PP;  
or special screws for PVC, PET, PP,
- 13 Photo Electric preform detector.
- 14 Current ANSI/EC safety standards.
- 15 Heat zone ammeters.

# Options.

1. Bottle Orientating stripper system (BOSS)
2. Ceramic heater bands.
3. Machine color finishes to customer specification.
4. Electronic screw speed control.
5. Static melt mixing units.
6. Rotary union for core heating
7. Electric motor soft start.
8. Barrel fan cooling.
9. Air intensifiers.
10. HEPA filters.

# Jomar

# 40

model

# Injection Blow Molding



## Machine Dimensions

|                                       |            |           |
|---------------------------------------|------------|-----------|
| Length                                | 107"       | 2718 mm   |
| Width                                 | 71"        | 1903 mm   |
| Height                                | 108"       | 2744 mm   |
| <i>With 1.375" (35 mm) 30:1 screw</i> |            |           |
| Height                                | 125"       | 3175 mm   |
| <i>With 2" (50.8mm) 30:1 screw</i>    |            |           |
| Installed Weight                      | 10,400 lbs | 4,717 kgs |

**New style shown above available in white (standard) or Jomar blue.**

## General Specifications US

## Metric

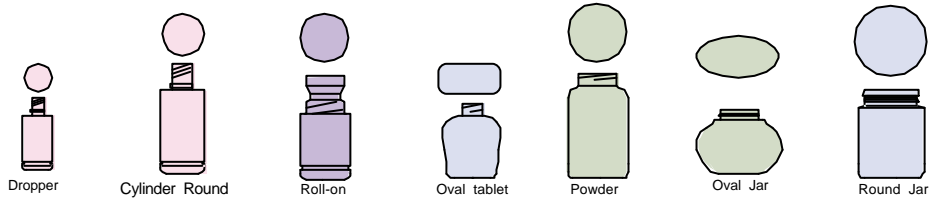
|                    |  |   |
|--------------------|--|---|
| Preform Clamp      | 38.2 US tons @ 2,700 lbs/in <sup>2</sup>         | 34.6 Metric tons @ 190 bar (kgs/cm <sup>2</sup> )     |
| Casting Area       | 21.8 in <sup>2</sup> @ 3,500 lbs/in <sup>2</sup> | 141 cm <sup>2</sup> @ 246 bar (kgs/cm <sup>2</sup> )  |
|                    | 13.9 in <sup>2</sup> @ 5,500 lbs/in <sup>2</sup> | 90.0 cm <sup>2</sup> @ 387 bar (kgs/cm <sup>2</sup> ) |
| Blow Mold Clamp    | 6.6 US tons @ 2,700 lbs/in <sup>2</sup>          | 6.0 metric tons @ 190 bar (kgs/cm <sup>2</sup> )      |
| Shut Height        | 8"   | 203.2 mm  |
| Press Stroke       | 4"   | 101.6 mm  |
| Maximum die set    | 17.5 (W) x 15.5" (L)                             | 445 mm x 394 mm                                       |
| Trigger Bar Length | 12.00"   | 305 mm  |
| Max Swing Radius   | 25.50"   | 648 mm  |

|               |  |
|---------------|--|
| Shot Capacity | 90 gr. (HDPE) with a 1.375 (35mm) diameter 30:1 L/D Vertical screw |
|               | 180 gr. (HDPE) with a 2" (50.8mm) diameter 30:1 L/D Vertical screw |
|               | 75 gr. (PVC) with a 1.375 (35mm) diameter 30:1 L/D Vertical screw  |
|               | 150 gr. (PVC) with a 2" (50.8mm) diameter 30:1 L/D Vertical screw  |

Motor Size Standard 40 hp (30 kw) Optional 50 hp (37 kw)

Recommended Power Service 200 amps @ 230V - 460V, 3 phase, 50 - 60 hz

## Production Possibilities



15ml 30ml 60ml 120ml 50ml 75ml 35ml 100ml 50gm 100gm 50gm 70gm 25ml 50ml

|            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MATERIAL   | LDPE   | LDPE   | HDPE   | PVC    | HDPE   | HDPE   | PS     | PS     | HDPE   | HDPE   | PP     | PP     | SAN    | SAN    |
| CYCLE      | 10 ± 1 | 11 ± 1 | 11 ± 1 | 10 ± 1 | 12 ± 1 | 12 ± 1 | 10 ± 1 | 10 ± 1 | 12 ± 1 | 13 ± 1 | 11 ± 1 | 12 ± 1 | 10 ± 1 | 11 ± 1 |
| WEIGHT     | 4 ± 1  | 6 ± 1  | 9 ± 1  | 12 ± 1 | 11 ± 1 | 14 ± 1 | 6 ± 1  | 12 ± 1 | 10 ± 1 | 12 ± 1 | 8 ± 1  | 11 ± 1 | 5 ± 1  | 7 ± 1  |
| CAVITATION | 10     | 8      | 6      | 4      | 6      | 5      | 6      | 5      | 6      | 6      | 5      | 4      | 8      | 6      |

**THE TECHNICAL DATA IS NOT BINDING AND MAY CHANGE WITHOUT NOTICE.**



**ISO 9001**