

USA

Standard Features

- 1 Barber Coleman programmable control with full on-board diagnostics.
- 2 Maco 4500 color terminal.
- 3 Integrated heat controls.
- 4 Proportional hydraulic system for press open/close.
- 5 Proportional hydraulic injection closed loop control.
- 6 Alarm system (visual and audible).
- 7 Jomar fast blow (high pressure) air system.
- 8 15,000lbs/in² (1,050 bar (kgs/cm²)) preform inject pressure for PET. Fast molding cycle.
- 9 Blow mold manifold cooling.
- 11 Photo Electric preform detector and mold safety.
- 12 Exceeds current ANSI/EC safety standards.

Auxiliary Equipment

- 1 High temperature drier to -40° Dew point. (Throughput determined by screw diameter).
- 2 High pressure air compressor 600 lbs/in² (42bar(kgs/cm²)).
- 3 Water temperature control unit for blow mold 90° - 110°F (32° - 40°C). 8 gpm (30 lt/min) @ 45 lbs/in² (3.2 bar (kgs/cm²))
- 4 Chiller 35 gpm (132 lt/min) @ 80 lbs/in² (5.6 kgs/cm²)

Options

1. Material dryer & mounting frame.
2. High pressure air tank.
3. Air conditioned molding enclosure.
4. Independent blow air and stretch controlsystem.
5. High pressure air filter.
6. Low pressure air lube and filter.
7. On-board high pressure air intensifier.
8. Statistical process control.
9. Remotediagnostics.



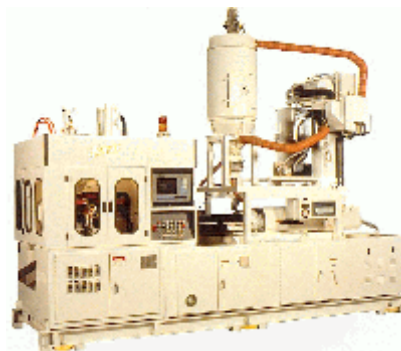
ISO9001

Jomar

35

model

Injection Stretch Blow Molding



Machine Dimensions

Length	202"	5130mm
Width	64.5"	1640mm
Height	104"	2640mm

Installed

Weight	22,000 lbs	10,000kgs
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Service Requirements (Recommended)

Watermold cooling	35°± 2°F to 55° ± 2°F 35 gpm @ 80 lbs/in ²	7° ± 1 °C to 13° ± 1 °C 132 lt/min @ 5.6 bar (kgs/cm ²)
Machinetower	90°F @ 20 gpm @ 45 lbs/in ²	32°C @ 76 lt/min @ 3.2 bar (kgs/cm ²)
LowPressure air (control)	10 cfm @ 120 lbs/in ²	283 lt/min @ 8.4 bar (kgs/cm ²)
HighPressure air (blow)	27 cfm @ 600 lbs/in ²	764 lt/min @ 42.0 bar (kgs/cm ²)
RecommendedPowerService	250 amps @ 230V - 460V, 3 phase 50-60 htz	

General Specification

	US	Metric
PreformClamp	24 US tons @ 2,800 lbs/in ²	21.8 metric tons @ 190 bar (kgs/cm ²)
BlowCoreClamp	9 US Tons @ 2,200 lbs/in ²	8.2 metric tons @ 155 bar (kgs/cm ²)
BlowMoldClamp	9 US Tons @ 2,200 lbs/in ²	8.2 metric tons @ 155 bar (kgs/cm ²)
ShutHeightBlow Mold	6.0"Open 4.0" Closed	152.4 mm Open, 101.6mm Closed
PressStroke	13.0"	330.2mm
MaxDistance Between Outside CavityCL's	8.75"	222.3mm
MaxPreform Length	4.5" + Neck Height	114.3 mm + Neck Height

SHOT CAPACITY (200gram) 1.625" (41.3mm) diameterscrew (24:1 L/D)
(317gram) 2.000" (50.8mm) diameterscrew (20:1 L/D)

Motor Size Standard 50HP (37.8Kw)

Product Dimensions

NUMBER OF CAVITIES	Round				Oval			
	neck diameter	body diameter	height	approx. capacity	neck diameter	body axis (max.)	height	approx. capacity
	in/mm	in/mm	in/mm	mls	in/mm	in/mm	in/mm	mls
4	1.5 / 38	2.0 / 51	6.0 / 152	260	1.5 / 38	4.0 / 101	6.0 / 152	560
6	1.2 / 31	2.0 / 51	6.0 / 152	260	1.2 / 31	2.59 / 65	6.0 / 152	330
8	1.1 / 28	1.84 / 47	6.0 / 152	215	1.1 / 28	2.25 / 57	6.0 / 152	265
10	0.94 / 24	1.58 / 40	6.0 / 152	135	0.94 / 24	1.77 / 45	6.0 / 152	170
12	0.79 / 20	1.40 / 35	6.0 / 152	100	0.79 / 20	1.45 / 37	6.0 / 152	140

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