

# Standard Features

1. Programmable control system with touch screen
2. Screw speed tachometer
3. Running time recorder
4. Alarm system (visual and audible)
5. Two pressure blow air
6. High and Low plastifier temperature alarms
7. Cycle Time indicator
8. Preform hot water manifold
9. Blow mold cooling manifold
10. Choice of Plastifier Screws: General purpose for PE, PS and PP or special screws for PVC, PP and PET
11. Laser Electric preform detector
12. Current ANSI/EC safety standards
13. Integrated Heat Controls
14. Resettable Cycle counter
15. Retains 30 sets of process parameters
16. Fully proportional hydraulics
17. Two pressure preform injection
18. Internal and External Cooling

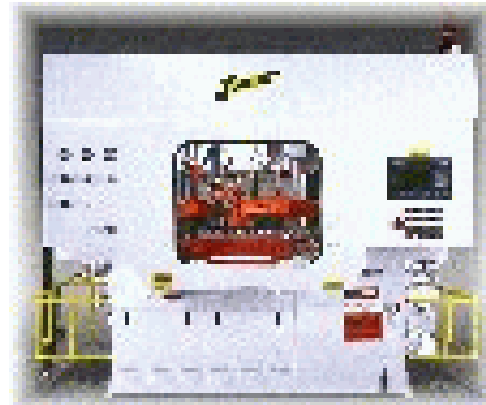
# Options

1. Bottle Orientating stripper system (B.O.S.S.)
2. BOSS plus with vacuum
3. Ceramic heater bands
4. Machine color finishes to customer specification
5. Rotary Union for core rod temperature control
6. WYE Delta electric motor start
7. Color touch screen that is capable of screen print to a printer
8. 400PSI second blow air pressure
9. Outboard cylinder reducing pressure (for smaller molds)
10. Automatic Air System Drain
11. One Year Spare Parts kit
12. Non split nozzle
13. Barrel fan cooling
14. Air intensifiers
15. HEPA filters



**85S**  
model

**Injection**  
Blow  
Molding



## Machine Dimensions

Length	121.5"	309 cm
Width	85"	216 cm
Height	134"	341 cm
with 2.0" (50.8 mm) 30:1 Vertical screw		
Height	134"	341 cm
with 2.5" (63.5 mm) 24:1 Vertical screw		
Height	154"	391 cm
with 2.5" (63.5 mm) 30:1 Vertical screw		
Installed Weight	18,300lbs	8,301 kg

## General Specifications US

## Metric

Preform Clamp	72 US tons	65.4 metric tons
Casting Area (1)	41.2 ins <sup>2</sup>	266 cm <sup>2</sup>
	26.2 ins <sup>2</sup>	169 cm <sup>2</sup>
Blow Mold Clamp	17 US tons	15.4 metric tons
Shut Height	10.00"	254.0 mm
Press Stroke	5.00"	127.0 mm
Maximum Die Set	18.25" (W) x 29.50" (L)	464 mm x 749 mm
Max Trigger Bar Length	25.75"	654 mm
For information on available trigger bar lengths please contact Jomar		
Max Swing Radius	25.39"	645 mm
Shot Capacity	180 gr. (HDPE) with a 2.00" (50.8 mm) diameter 30:1 L/D Vertical Screw	
Shot Capacity	270 gr. (HDPE) with a 2.50" (63.5 mm) diameter 24:1 L/D Vertical Screw	
Shot Capacity	360 gr. (HDPE) with a 2.50" (63.5 mm) diameter 30:1 L/D Vertical Screw	
Shot Capacity	150 gr. (PVC) with a 2.00" (50.8 mm) diameter 30:1 L/D Vertical Screw	
Shot Capacity	225 gr. (PVC) with a 2.50" (63.5 mm) diameter 24:1 L/D Vertical Screw	
Motor Size	Standard 75 hp (56kw)	
Recommended Power Service	200 amps @ 380V - 460V, 3 phase, 50 - 60 hz	

(1)For Standard resins LDPE, HDPE, PP etc use the larger area, For Engineering resins PC, PVC, PET, etc use the smaller casting area

## Production Possibilities

Cylinder Round 250ml 500ml   
 Roll-on 75ml 100ml   
 Powder 200gm 400gm   
 Blake Jar 100ml 200ml   
 Oval Jar 100gm 175gm   
 Oval 200ml 500ml   
 Widemouth 100gm 500gm

MATERIAL	HDPE HDPE	HDPE HDPE	HDPE HDPE	SAN SAN	PP PP	HDPE HDPE	PP PP
CYCLE	12 ± 1 15 ± 1	12 ± 1 12 ± 1	14 ± 1 15 ± 1	10 ± 1 11 ± 1	12 ± 1 13 ± 1	14 ± 1 15 ± 1	14 ± 1 16 ± 1
WEIGHT	18 ± 1 32 ± 1	4 ± 1 16 ± 1	24 ± 1 34 ± 1	14 ± 1 22 ± 1	15 ± 1 21 ± 1	24 ± 1 40 ± 1	16 ± 1 47 ± 1
CAVITATION	8 5	10 6	8 5	16 12	12 10	10 8	12 8

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