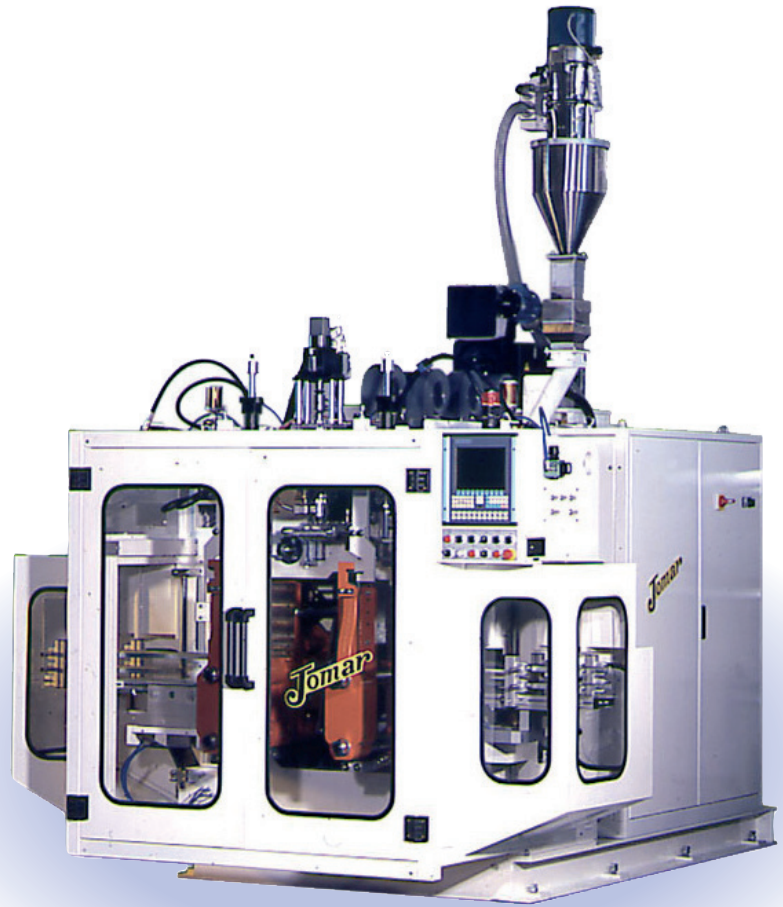


# Standard Features

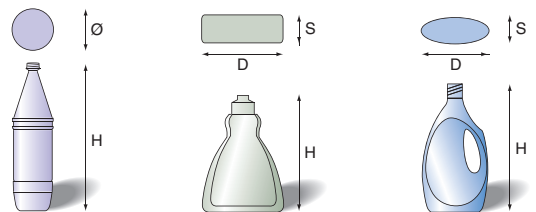
- 1 Double station blowmolding machine with a 70 mm grooved extruder.
- 2 Bosch closed loop proportional valves for the carriage stroke and for the opening-closing of the mold plates.
- 3 Numatics/Bosch pneumatics.
- 4 Parker pistons.
- 5 Tiebar-less clamp system (allows easy mold change over).
- 6 Processing HDPE, LDPE, PP, HMWPE, PVC, PC, PETG, etc capability.
- 7 Single, double, triple head capability.
- 8 In machine automatic deflashing with cooling station.
- 9 Machine fully controlled by a microprocessor operating system.
- 10 Color screen on machine front.
- 11 Low power consumption.
- 12 Extruder DC motor drive.
- 13 Nitrided screw and barrel.
- 14 Gripper at bottle outlet.
- 15 Moog valve and piston for the parison thickness control.

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**2-D** Extrusion  
Blow  
Molding  
model



## Production Possibilities

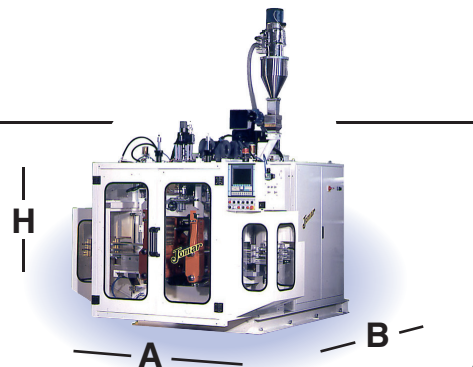


Centre distance in mm	H			D/S			Liters		
	H	Ø	Liters	H	D/S	Liters	H	D/S	Liters
85	260	110	1.5	260	150/110	1.5	260	150/110	1.5
100	260	75	0.8	260	75/75	0.8	260	75/75	0.8
	260	90	1	260	90/90	1	260	90/90	1
	260	105	1	260	105/105	1	260	105/105	1
125	200	70	0.7	200	70/60	0.7	200	70/60	0.7

# Options

- 1 Single and double cavity wide mouth cutter for jar trimming.
- 2 Alarm system with photocell for bottle detection safety.
- 3 Interval blowing.
- 4 Bosch proportional valve for blow pin movement.
- 5 Leak tester at bottle outlet.
- 6 Parison length control with photocell.
- 7 Manual screen changer.
- 8 Independent Moog power pack.
- 9 Brushless drive motor.
- 10 Xaloy screw.
- 11 Bimetallic barrel.
- 12 Three layers coex head.
- 13 View stripe head.
- 14 Mechanical unit for mould parts movement.

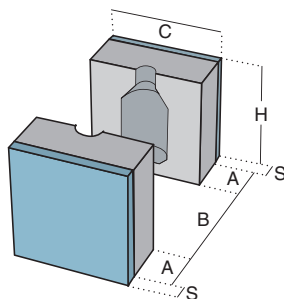
## 2-D Extrusion Blow Molding model



### Machine Dimensions

A	Width	mm	2,600
B	Length	mm	3,650
H	Height	mm	2,500
Weight		Kg	8,500

### Mold and Platen Dimensions



C	Length	mm	290
A	Width	mm	90
H	Height	mm	300
S	Thickness	mm	30
B	Opening stroke	mm	150
Carriage stroke		mm	300

### General Specifications

#### EXTRUDER 70 mm

Screw length	L/D	25	
Heating capacity	Kw	10	
Barrel zone	n°	4	
DC motor drive	Kw	41	
Out-put	HDPE	Kg/h	100
	PVC	Kg/h	70
	PP	Kg/h	70
Screw speed	rpm	0/100	

#### ELECTRICAL POWER

Total	Kw	65
Average consumption	Kw/h	40

#### HYDRAULIC UNIT

Dry cycle	sec.	1.4
Clamping force	KN	40
Oil tank capacity	lt.	200
Operating pressure	bar	130
Drive	Kw	9

#### ENERGY CONSUMPTION

Air pressure	bar	8
Air consumption	lt/min	1,000
Hydraulic cooling	KJ/h	40,000

Blow mold cooling for 5-6°C water  $\Delta t$  3°C, pressure 4 bar

KJ/Kg h	HDPE	630
	PP	680
	PVC	460

The technical data is not binding and may change without notice.

# Jomar

# BLOW ★ STAR

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