

# Standard Features

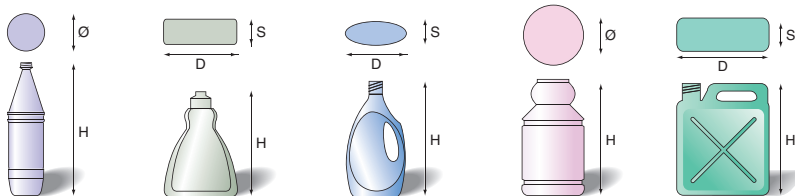
- 1 Double station blow molding machine with a 90mm grooved extruder, up to 8 heads capability.
- 2 Carriage and mold opening - closing movements on silent linear ball rails.
- 3 Closed loop proportional valves with on-board electronics for the mold, carriage movements.
- 4 Tiebar-less clamp system (allows easy mold change over).
- 5 Extruder DC motor drive with digital control.
- 6 Nitrided screw and barrel.
- 7 Processing HDPE, LDPE, PP, HMWPE, PVC, PC, PETG, etc. capability.
- 8 Multi-blow extrusion heads with quick colour change.
- 9 Thickness parison control 300 points with Moog servo-valve and piston.
- 10 In machine automatic pneumatic deflashing and cooling station.
- 11 Low power consumption.
- 12 Machine fully controlled by microprocessor operating system and CANopen communication.
- 13 Colour screen on machine front.
- 14 Gripper for bottle take out inside machine.









**Jomar**  
**BLOW ★ STAR**

**6-D** Extrusion  
Blow  
Molding  
model



## Production Possibilities



Centre distance in mm	H Ø Liters			H D/S Liters			H D/S Liters			H Ø Liters			H D/S Liters		
	H	Ø	Liters	H	D/S	Liters	H	D/S	Liters	H	Ø	Liters	H	D/S	Liters
1 x 	410	200	8	410	200/200	8	410	200/200	8	410	200	8	410	200/200	8
2 x  max 200	410	185	3	410	185/185	3	410	185/185	3	410	185	3	410	185/185	3
3 x  max 140	350	125	2.5	350	125/125	2.5	350	125/125	2.5	350	125	2.5	350	125/125	2.5
4 x  max 100	350	85	1.5	350	85/85	1.5	350	85/85	1.5	350	85	1.5	350	85/85	1.5
5 x  max 85	300	70	0.7	300	70/70	0.7	-	-	-	300	70	0.7	-	-	-
6 x  max 70	300	55	0.5	300	55/55	0.5	-	-	-	300	55	0.5	-	-	-
7 x  max 60	250	45	0.3	250	45/45	0.3	-	-	-	250	45	0.3	-	-	-
8 x  max 50	250	35	0.2	250	35/35	0.2	-	-	-	250	35	0.2	-	-	-

All sizes and volumes quoted are for reference only

# Options

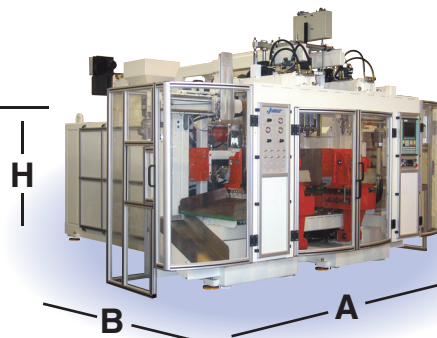
- 1 Proportional valve for blow pin movement.
- 2 Multi-layer co-extrusion heads.
- 3 Extruder and view stripe head.
- 4 Bimetallic barrel.
- 5 Xaloy screw.
- 6 Interval blowing.
- 7 Independent Moog power pack.
- 8 Alarm system with photocell for bottle detection safety.
- 9 Parison length control with photocell.
- 10 Manual screen changer.
- 11 Internal or external Leak tester.
- 12 Brushless or AC drive motor.
- 13 Bottle and scrap conveyors.
- 14 Ladder to reach the hopper.
- 15 Mechanical parts for mold with sunken handle.

## 6-D Extrusion Blow Molding model

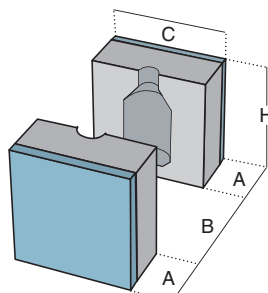
### Machine Dimensions

A	Width	mm	4,240
B	Length	mm	5,115
H	Height	mm	3,000

Weight Kg 13,000



### Mold and Platen Dimensions



C	Width	mm	490
A	Mold Thickness	mm	min 145
H	Height	mm	475
B	Opening stroke	mm	260
	Carriage stroke	mm	500

### General Specifications

#### EXTRUDER 90 mm

Screw length	L/D	25
Heating capacity	Kw	21.5
Barrel zone	N	4
DC motor drive	Kw	70
Screw Out-put	HDPE	Kg/h ~220
	PVC	Kg/h ~110
	PP	Kg/h ~190
Screw speed	rpm	0/90

#### ELECTRICAL POWER

Total	Kw	105 + head
Average consumption*	Kw/h	70

#### HYDRAULIC UNIT

Dry cycle	sec.	2.0
Clamping force	KN	145
Oil Tank capacity	lt.	150
Operating pressure	bar.	140
Drive	Kw	15

#### ENERGY CONSUMPTION

Air pressure	bar	8
Air consumption	lt/min	1,800
Hydraulic cooling	KJ/h	35,000

Blow mold cooling for 5-6°C at  $\Delta t$  3°C, pressure 4 bar (kgs/cm<sup>2</sup>)

KJ/Kg h	HDPE	630
	PP	680
	PVC	460

\*Depending on the production performed.

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

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