

Standard Features

Jomar

6.0d

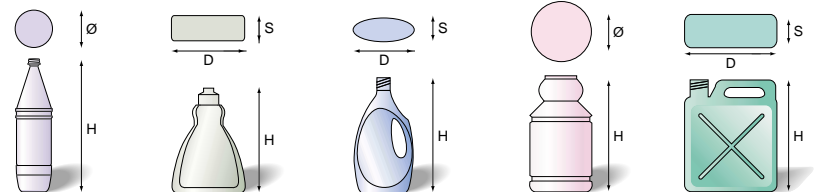
Extrusion
Blow
Molding

model



- 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 races.
- 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.

Production Possibilities



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

All sizes and volumes quoted are for reference only

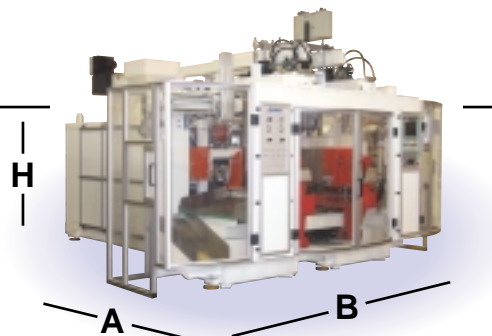
Options

- 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.

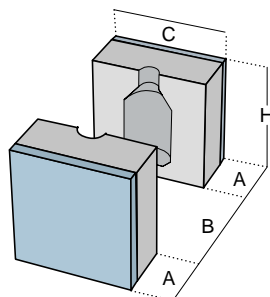
6.0d Extrusion Blow Molding model

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 Δt 3°C, pressure 4 bar (kgs/cm²)

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.

Jomar

JOMAR CORPORATION

115 E. Parkway Drive
Offshore Commercial Park
P.O. Box 1020
Pleasantville, NJ 08232
Phone 1-609-646-8000
Fax: 1-609-645-9166
www.jomarcorp.com
jomarsales@worldnet.att.net

JOMAR ITALIA

Via Caduti di Cefalonia 5
40061 - Minerbio
(Bologna) ITALY
Tel.: 39-051-6606208
Fax: 39-051-6606118
www.jomarcorp.com
info@jomar.it

JOMAR EUROPE Ltd.

P.O. Box 16
Waterlooville
Hants, PO7 6JE, UK
Phone 44-(0) 23-9226-9661
Fax: 44-(0) 23-9226-9671
www.jomarcorp.com
jomareurop@aol.com

JOMAR CHINA

50 Guoshoujin Road
Zhangjiang Hi-Tech Park
Pudong, Shanghai 201203
P.R. China
Phone 0086-21-3895-3220
Fax: 0086-21-3895-3230
www.jomarcorp.com
jomar@inductotherm.com.cn