

STANDARD FEATURES

1. Single station blow molding machine with a 50 or 60mm grooved extruder.
2. Closed loop proportional valves for the carriage stroke and the opening-closing of the mold platens.
3. Tiebar-less clamping system (allowing easy mold change)
4. Processing HDPE, LDPE, PP, HMWPE, PVC, PC, PETG, etc. capability.
5. Single, double and triple head capability.
6. In machine automatic deflashing and cooling station.
7. Machine is fully controlled by microprocessor operating system.
8. Color screen on machine front.
9. Low power consumption.
10. Extruder DC motor drive.
11. Nitrided screw and barrel.
12. Moog valve and piston for parison thickness control.
13. Gripper at bottle outlet.
14. Calibrated neck finish.

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. 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. Mechanical unit for mold parts movement.
11. Ladder to reach the hopper.
12. Bimetallic barrel.
13. 3 layer co-extrusion head.
14. View stripe head.
15. Xaloy screw.

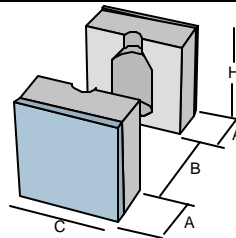
Machine Dimensions

Width	1,600 mm
Length	3,200 mm
Height	2,500 mm

Weight 3,800 kg



Mold and Platen Dimensions



C	Width	290 mm
A	Mold Thickness	90 mm
H	Height	300 mm
B	Opening Stroke	150 mm
	Carriage Stroke	275 mm

General Specifications

EXTRUDER		50mm	60mm
Screw length	L/D	25	25
Heating capacity	Kw	4.5	6
Barrel Zone	N	3	4
DC Motor drive	Kw	26	26
Screw Output	HDPE	Kg/h 50	60
	PVC	Kg/h 40	50
	PP	Kg/h 40	50
Screw speed	rpm	0/110	0/110

ELECTRICAL POWER		35	44
Total	Kw		
Average consumption	Kw/h	21	26

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 at Δt 3 °C - pressure 4 bar (kgs/cm ²)		
KJ/Kg h	HDPE	630
	PP	680
	PVC	460

Production Possibilities

	Center distance in mm	H	O	Litres	H	DS	Litres	H	DS	Litres
1	260	110	1.5	260	150/110	1.5	260	150/110	1.5	
2 x	85	260	75	0.8	260	75/75	0.8	260	75/75	0.8
	100	260	90	1	260	90/90	1	260	90/90	1
	125	260	105	1	260	105/105	1	260	105/105	1
3 x	70	200	60	0.5	200	60/60	0.5	200	60/60	0.5

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