

Automatic PET Bottle Blow Molding Machine – Model A-6000-4

Description:

Automatic machine is designed for the production of PET-bottles from heated preforms by stretching and two-stage blow molding in quadruple mold.

The equipment allows to manufacture bottles of 0.25 to 2.0 liters capacity for bottling carbonated and still liquids. The machine is equipped with pneumatic equipment made by leading manufacturers such as "FESTO", "AirCom", and "OMRON" controller and electronics



Details:

Technical Parameter	Specification / Value
Max. Production Capacity, bottles per hour	6,000 (depends on bottle volume, geometry, weight and application)
Container Volume Range	0.25 L – 2.0 L
Max. Bottle Diameter	105 mm
Number of Mold Cavities	4 Cavities
Pre-blowing Pressure	1.0 MPa (10 bar)
Main Blowing Pressure	4.0 MPa (40 bar)
Control System Pressure	0.8 MPa (8 bar)
Total Compressed Air Consumption	10.28 Nm ³ /min
Heating Elements / Zones	40 Pcs / 16 Independent Zones
Cooling Water Temperature	6°C – 10°C
Cooling Water Flow Rate	1.5 m ³ /h
Cooling Water Pressure	0.3 MPa (3 bar)
Required Chiller Capacity	20.8 kW
Power Consumption	33 kW
Supply Voltage	380V (3-Phase)
Operating Ambient Temperature	0°C to +40°C
Overall Dimensions (L × W × H)	8.75 × 3.5 × 2.2 m
Machine Weight	4,500 kg
Applicable Bottle Shapes	Round, Square, Oval, and Handle Bottles



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