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4-KVT Automatic Pet Blow Molding Machine Specification

M/c Model : /4C

Automatic PET blowing station with Auto preform loading and Bottle Ejection system.



The above Machine is designed to blow PET containers up to 1 Liter capacity with output rate of 5800 Bottles per hour.

Salient Features:

- Preform Auto Loading unit with In-feed assembly and SS Hopper.
- Pneumatic preform Stretching unit.
- Pneumatic Mould Clamping system.
- No preform-No Blow logic for Compressed air conservation.
- Air RECOVERY system to reduce LP air consumption.
- Compact Foot-print with In-built Electrical Control Panel.
- Simple Mechanical construction with Electro-Pneumatic controls for easy maintenance.
- Trouble-free operation with autonomous maintenance. Built with Industry standard components and parts.
- Touchscreen HMI from BnR.
- Automation Control PLC and I/O by BnR.austria
- Low Pressure Pneumatic System Actuators and valves by FESTO.
- High Pressure Blowing valves by NORGREN.



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Technical Specifications

Type	Particular	Auto-1L/4C
Bottle	Number Of Cavity	4 Cavity
	Theoretical output	5800 Bottles/hr (1L – 21g)
	Max. Bottle volume	1 liter
	Max. neck diameter	25-30 mm
	Max. Bottel diameter	90 mm
	Max. Bottle height	300 mm
Electrical System	Number of IR Lamps	14 Nos.
	Max Heating Power	28 Kw
	Installation Power for Blow Molding	32 Kw
Air System	Operating pressure	8 Kg / Cm ²
	Low pressure Compressor	110 CFM
	Blowing pressure	35-40 Kg / Cm ²
	High pressure Compressor	196 CFM
Chiller Water	Operating pressure	4 kg / CM ²
	Temperature	6 TO 8 °C
	Capacity	7TR