



1L 4C
BLOWING
MACHINE



TECHNICAL SPECIFICATIONS

SALIENT FEATURES

TYPE	PARTICULARS	BCM 1L-4C
CONTAINER	Number of cavities	4 cavities
	Theoretical output	5200-6000 Bottles /hr*
	Max. container Volume	1000 ml
	Neck diameter	19-30 mm
	Max. Container diameter	100 mm
	Max. container height	240 mm
ELECTRICAL SYSTEM	Number of lamps	15 No's
	Max. heating power	30 kw
	Installed power for blow molding	32 kw
AIR SYSTEM	Blowing pressure	30-32 kg/cm ²²
	Air consumption Low pressure	60 CFM
	Air High pressure consumption	150 CFM
	Operating pressure	8 kg / cm
CHILLER WATER	Operating pressure	2 kg/cm ²
	Temperature	10-11 °C
	Capacity	5 TR

*Pneumatic clamping system – wedge lock type.
*Compensation mechanism for mould locking to avoid parting line. with variable stretch pressure setting.
*Branded PLC – for easy operation and handling. Branded electrical components in Electrical Panel
*Separate blow and pre blow control for bottle recipe setting.
<ul style="list-style-type: none">Energy saving centralized Infrared rays Preform Heating System.
*Pneumatic cylinders, control valve (SMC, Germany).
*High Pressure pneumatic valves (IMI, Norgren).
*Blown air recovery system for energy saving.
*Low noise, easy to operate and maintain. Compact in construction for low space occupation