



**Manufacturers & Exporters of
Automatic Stretch Blowing Machine &
Semi Automatic Blowing Machine**



Blowchenn Machines

BLOWCHENN MACHINES series Automatic pet stretch blow molding machine is the most suitable two-step automatic stretch blow molding machine. It can manufacture bottles & jars with capacity 200 ml to 5ltr. It can blow bottles in various shapes to be used in carbonated, mineral, pesticide, cosmetics. It can wide-mouth, hot fill and can be used for other packing containers, which is made of plastic of crystalline type, such as PET and PP with High Performance Cost Ratio. We have well trained team for after sales and services.



BENEFITS

- 1). **High Intelligence** : The machine is controlled through automatic PLC System
- 2). **High Quality** : Sturdy infrared heating system and highly precise blow-mould closing system ensure quality.
- 3). **Low Cost** : Low consumption of electricity, air and water.
- 4). **High Transparency** : Easy maintenance, absolute safe visual inspection, low noise.
- 5). Safe, reliable, and unique design of the position of valve

Features

- Compact Design for Space Saving
- Specially Developed Ejector and Loading Arms
- Special Wedge Lock
- High Quality Valves, Cylinders for Trouble Free Production
- Blowing Starts After Set Temperature Reached In Heating Oven
- Special Inbuilt Air Recovery System
- If No Preforms Mould Will Not Close
- Blowing Valves Are IMI Norgren
- HMI 7 Inches / SIEMENS / PLC

AUTO DROP SEMI AUTOMATIC MACHINE



TECHNICAL SPECIFICATIONS

TYPE	PARTICULAR	BCM-AD-SA
CONTAINER	Number of Cavity	2 Cavity
	Theoretical Output	800-1200 Bottles/hr*
	Max. Container Volume	2000 ML
	Max. neck diameter	19-30 mm
	Max. Container diameter	130 mm
	Max. Container Height	350 mm
ELECTRICAL SYSTEM	Number of lamp	6 No's
	Max. heating power	12 kw
	Installation power for blow molding	13 kw
AIR SYSTEM	Operating pressure	8 kg / CM2
	Operating pressure consuming	22 CFM
	Blowing pressure	25-28 kg / CM2
	High pressure Consuming	18 CFM
CHILLER WATER	Operating pressure	2 kg/CM2
	Temperature	12-16 0C
	Capacity	2 TR
COOLING TOWER FOR COMPRESSOR	Operating pressure	3-4 Kg/cm2
	Temperature	Temperature
	Capacity	10 TR
	TOTAL	38 CFM

AUTOMATIC MACHINE MODEL TECHNICAL SPECIFICATIONS

Model	No. of Cavities	Volume In ML	Max Dia	Min Dia	Neck Size	Prod / Hour (500 ml bottle)	Wt of M/C in Tons	Size - L B H In Mtr	Connected Load Without Accessories in KW	Connected Load With Accessories in KW per hour	Accessories Required
BCM 2L1C	1	30-2000ML	100	46	18-53 MM	600-1500	1.25	L 1.57 B 1.23 H 2.25	12	30	20 HP 54 CFM HP Comp
											2 TR Chiller
											Dryer - 60 CFM
BCM 1L1C	1	30-1000ML	80	46	18-30 MM	1200-1500	1.15	L 1.57 B 1.23 H 2.03	12	30	20 HP 54 CFM HP Comp
											2 TR Chiller
											Dryer - 60 CFM
BCM 1L4C	4	30-1000ML	60	30	18-30 MM	5500-6500	2.75	L 2.70 B 2.50 H 2.05	27	83	LP 190 CFm/50 HP Screw Comp
											HP 116 CFM/15 HP Booster Comp
											5 TR Chiller
											200 CFM LP Dryer
											150 CFM HP Dryer
BCM 2L4C	4	30-2000ML	80	46	18-30 MM	4800-5200	2.75	L 2.70 B 2.80 H 2.25	31	87	LP 190 CFm/50 HP Screw Comp
											HP 116 CFM/15 HP Booster Comp
											5 TR Chiller
											200 CFM LP Dryer
											150 CFM HP Dryer
BCM 1L2C	2	30-1000ML	80	46	18-30 MM	2500-3000	2	L 1.88 B 1.59 H 1.94	16	54	25HP/ 72 CFM HP Comp
											15 HP/40 CFM LP Comp
											3 TR Chiller
											LP 60 CFM Dryer
											HP 100 CFM Dryer
											Cooling Tower 20 TR
BCM 2L2C	2	30-2000ML	100	46	18-30 MM	1800-2500	2.25	L 1.88 B 1.80 H 2.25	18	56	25HP/ 72 CFM HP Comp
											15 HP/40 CFM LP Comp
											3 TR Chiller
											LP 60 CFM Dryer
											HP 100 CFM Dryer
											Cooling Tower 20 TR
BCM J1201C	1	500-8000ML	180	53	46-120MM	600-800	2.25	L 2.25 B 1.65 H 2.20	32	57	25HP/72 CFM HP Comp
											3 TR Chiller
											HP 100 CFM Dryer
											Cooling Tower 20 TR
BCM J8961C	1	500-3000ML	160	50	46-96MM	600-1000	2.25	L 2.12 B 1.70 H 1.94	18	44	20 HP / 54 CFM HP Comp
											10 HP / 28 CFM LP Comp
											2 TR Chiller
											LP 60 CFM Dryer
											HP 100 CFM Dryer
											Cooling Tower 20 TR

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