

FLEXIBLY THE KEY TO PROFITABILITY



FULLY AUTOMATIC STRETCH BLOW MOULDING MACHINE

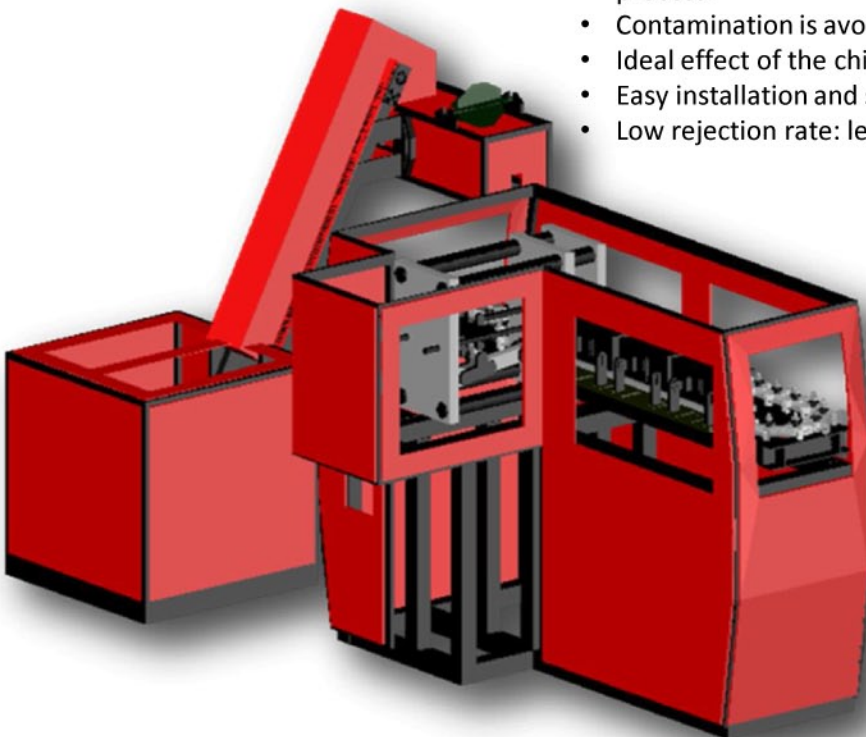
Introduction

AE series are the most stable two-step fully-automatic pet stretch-blow molding machines (reheat). It has one to Four cavities and the maximum capacity of the products is 2L. It can blow bottles in shapes: carbonated, mineral, pesticide, cosmetics, wide-mouth, hot filling, and other packing containers, which is made of plastic of crystalline type, such as PET and PP etc.

- Sophisticated state of the art Automatization.
- Highly Intelligent, the machine can be controlled through touch screen and running Status is shown on it.
- High quality steady infrared heating system blowing and highly precise blow-mould Closing system ensure quality.
- High Speed production 2500BPH (2-cavity), 3500BPH (3-cavity), 4500BPH (4-cavity), 6000BPH (6-cavity).
- No contamination closed production zone, good self-lubrication system avoids Contamination.
- Low cost Low consumption of electricity, air and water.
- High transparency easy maintenance, absolute safely, visual inspection, low noise.

The main features are as below

- Stable performance with advanced PLC.
- Conveying preforms automatically with conveyor.
- Strong penetrability and good and swift distribution of the heat by letting the bottles rotate by itself and revolute in the rails simultaneously in the infrared pre-heater.
- High adjustability to enable the pre-heater to preheat preforms in shapes by adjusting the light tube and the length of the reflecting board in the preheating area, and eternal temperature in the pre-heater with an automatic thermostatic apparatus.
- High safeties with security automatic-locking apparatus in each mechanical action, which will make the procedures turn into a state of safety in case of a breakdown in certain procedure.
- High clamping force and stable performance with the pneumatic clamping system.
- Satisfaction with different atmospheric pressure for blowing and mechanical action by dividing the blowing and action into three parts in the air pressure diagram of the machine.
- Strong clamping force with high pressure and double crank links to lock the mold.
- Two ways of operating automatic and manual.
- Safe, reliable, and unique design of the position of valve to make the air pressure diagram of the machine easier to understand.
- Low cost, high efficiency, easy operation, easy maintenance, etc, with automatic technological process.
- Contamination is avoided for the bottle body.
- Ideal effect of the chilling with the chilling system.
- Easy installation and starting
- Low rejection rate: less than 0.2 percent.

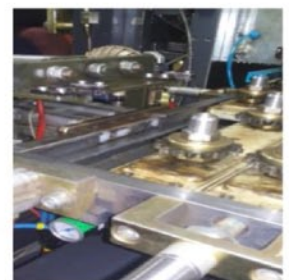


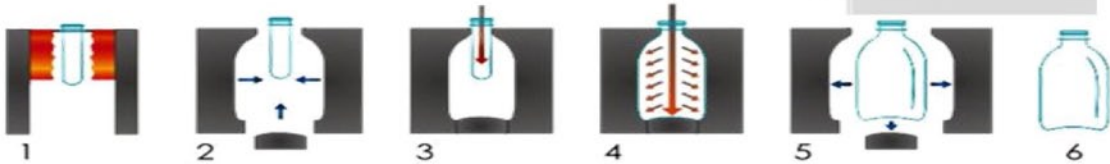
TECHNICAL SPECIFICATIONS FOR FULLY AUTOMATIC TWO STAGE PET STRETCH BLOW MOULDING MACHINE

		MODELS							
	Specification	Unit	AE2-500BO	AE2-2000BO	AE2-2000BJ	AE1-5000BJ	AE4-500BO	AE4-1000BO	AE4-500BO
FORMING	Cavity Pitch	mm	100	130	160		100	110	130
	Mould Thickness	mm	150 - 200	160 - 200	160 - 200	230-250	150-200	160-200	160-200
	Clamping Stroke	mm	150 max.	200 max.	200 max.	250 max.	150 max.	200 max.	200 max.
	Stretching Stroke	mm	350 max.	400 max.	400 max.	400 max.	350 max.	400 max.	450 max.
	Number Of Cavity	pc	TWO	TWO	TWO	SINGLE	FOUR	FOUR	FOUR
PRODUCT	Product Height (Max)	mm	250	350	350	350	250	300	350
	Container Volume (Max)	ml	500	2000	2000	5000	500	1000	2000
	Container Volume (Min)	ml	30	100	200	250	30	30	20
	Neck Outer Diameter (Max)	mm	19 - 28	25 - 45	28 - 100	28 - 120	19 - 28	25 - 30	28 - 30
	Product Outer Diameter (Max)	mm	75	100	130	200	75	90	100
	Theoretical Production	Pcs/hr	2400-2500	2200 -2400	1200 Jar 1400 Bot.	800 -1100	3800-4000	4000-4200	3800-4000
POWER	Total Consumption Power	kw	38	41.5	41.5	46.5	47	78.5	92
	Heating Power	kw	21	31.5	31.5	36	31.5	63	72
	Number Lamp	pcs	18	21	21	24	21	42	48
AIR	Operation Pressure	kg/cm	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10
	Blowing Pressure	kg/cm	30 - 35	30 - 35	30 - 35	30 - 35	30 - 35	30 - 35	30 - 35

Storage Hopper and Automatic Feeder For Pet Preform

- Fully automatic Preform loader reducing manpower, ensuring faster computerized control and flawless production
- Huge capacity to hold 150 KG preform at one time ensuring non stop production without human intervention for at least 2 hours.
- Preform sensors provide to prevent overloading of preform once again continues production.
- Option of one or more preform loading at a time depending on two cavity, four cavity or six cavity.





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