



BLOWPET

HIGH SPEED

BP-ABH-3-2L

FULLY AUTOMATIC BLOW MOLDING MACHINE



Model: BP-ABH-3-2L

Theoretic output: 2800-3400 bph

Max volume of product: 1.5 Liter

Max volume

1.5 LITER

**THREE
CAVITY**

TRUE TECH

บริษัท ทรูเทค แมชชีนเนอรี่ จำกัด
TRUE TECH MACHINERY CO., LTD.

288 ถนนบางขุนเทียน-ชายทะเล แขวงแสมดำ เขตบางขุนเทียน กรุงเทพฯ 10150
288 Bangkhunthian-chaithalay Road, Samaedam Bangkhunthian Bangkok
10150 Thailand. **Tel.** +66 (0) 2892-1588 **Fax.** +66 (0) 2892-0044
Email: truetech99@yahoo.com www.truetechmachinery.co.th

BLOWPET

FULL AUTOMATIC BLOW MOLDING MACHINE

HIGH SPEED

BP-ABH-3-2L



BLOWPET HIGH SPEED BP-ABH-3-2L
Fully Automatic Blow Molding Machine



HIGH SPEED

รุ่นความเร็วสูง สามารถเป่าได้ถึง

2,800-3,400

ขวด / ชั่วโมง

Straight-line high speed automatic blowing machine

Our **BP-ABH-3-2L** series PET automatic blowing machine. adopt Germany advanced technical. it have servo drive system to make accurate location, lower noisy, save power and fast speed. Machine type can make between 2 cavity and 6 cavity ,blow volume below 2000ML,different shape of carbonated bottle, mineral bottle, cosmetic bottle, oil bottle, medicine bottle.

TRUE TECH

นำเข้าและจัดจำหน่ายโดย
บริษัท ทรูเทค แมชชีนเนอร์รี่ จำกัด

288 ถนนบางขุนเทียน-ชายทะเล แขวงแสมดำ เขตบางขุนเทียน กรุงเทพฯ 10150
10150 Thailand. Tel. +66 (0) 2892-1588 Fax. +66 (0) 2892-0044
Email: truetech99@yahoo.com www.truetechmachinery.co.th

BLOWPET

HIGH SPEED

BP-ABH-3-2L

FULL AUTOMATIC BLOW MOLDING MACHINE

TYPE	ITEM	UNIT	BP-ABH-3-2L
Molding	Clamping force	KN	260
	Clamping stroke	mm	140
	Stretching stroke	mm	450
	Bottom stroke	mm	30
	Cavity pitch	mm	115
	Number of cavity	cavities	3
Container	Theoretical output	bph	2800-3400
	Max container volume	L	1.5
	Max outer diameter of the mouth of the bottle	mm	18-38
	Max container diameter	mm	105
	Max container height	mm	330
Electrical system	Lamp tube number	pcs	64
	Max heating power	KW	110
	Electric quantity of machine installation	KW	128
	Actual electricity consuming	KW	20
Air system	Operating pressure	kg/cm ²	7
	Low - voltage consumption	Ltr/min	2000
	Blow pressure	kg/cm ²	≤35
	High - pressure power	Ltr/min	3200-2800
Machine specification	Machine size	m	3.8×1.6×1.9
	Machine weight	t	3.2

BLOWPET

HIGH SPEED

BP-ABH-3-2L

FULL AUTOMATIC BLOW MOLDING MACHINE

The feature of blowing machine

- A. Adopt advanced micro-computer control system .with steady performance
- B. Adopt infrared oven heating, strong penetrability uniform heat.
- C. The height and width of lamp and reflector in heating zone can be adjusted .which can fit for any kind pet preform heating ,mean while Automatic vent temperature device is equipped to keep the temperature steady .
- D. Every mechanical action with safety lock device when product have problem .it will switch to safety situation
- E. The mechanical action is drove by cylinder .not oil pump with advantage of non-pollution and low noise
- F. Good air line design can make every kind Pet bottle.
- G. Adopting high pressure and new double crank four bars to lock mould With strong clamp force
- H. Two ways of operating: automatic and manual
- I. the production is automatically , Low invest, high efficiency , work convenience safety are characters of this machine
- J. Installation and start-up simple
- K. Bottle rejection rate is less than 0.1%.

PICTURE OF AUXILIARY		PARAMETER	
	model	FAD-3.0/3.0	
	Dimensions (mm)	1200x560x1300	
	Capacity (m ³ /min)	3.0	
	Pressure (mpa)	3.0	
	Weight (Kg)	220	
	model	FAD-3.0/3.0	
	Dimensions (mm)	30x30x57	
	Capacity (m ³ /min)	3.0	
	Pressure (mpa)	3.0	
	Weight (Kg)	15	

BLOWPET

HIGH SPEED

BP-ABH-3-2L

FULL AUTOMATIC BLOW MOLDING MACHINE

PICTURE OF AUXILIARY	PARAMETER	
HIGH PRESSURE AIR COMPRESSOR 	model	2-3.2/3.0mpa
	power (KW)	37
	Capacity (m ³ /min)	2.2
	Pressure (mpa)	3.0
	Dimensions (mm)	2880x1100x2000
	Weight (Kg)	1200
	cooling Method	Air cooling
LOW PRESSURE AIR COMPRESSOR 	model	CW-3.0/1.0mpa
	power (KW)	22
	Capacity (m ³ /min)	3.0
	Pressure (mpa)	1.0
	Dimensions (mm)	2000x1050x1900
	Weight (Kg)	620
	cooling Method	Air cooling
AIR TANK 	model	FH-0.6/3.0mpa
	Capacity (m ³ /min)	0.6
	Pressure (mpa)	3.0
	Dimensions (mm)	1800x600
	Weight (Kg)	300
AIR CHILLER 	model	AC05
	Dimensions (mm)	1000x680x1250
	Weight (Kg)	220
	Tank capacity (L)	50
	Chilling capacity (KCal/Hr)	11.180
	Power (KW HP)	3.75 / 5
	Chilled water pump power (KW)	0.75
	Max. flow rate of chilled water (L/min)	90

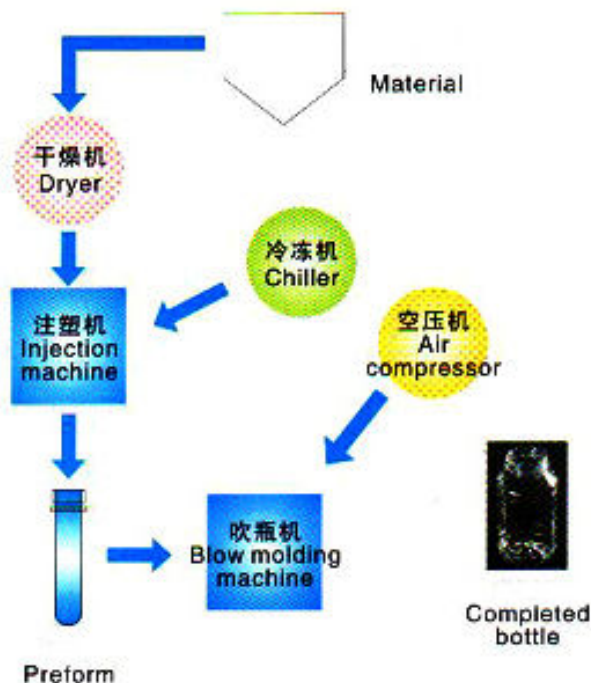
BLOWPET

HIGH SPEED

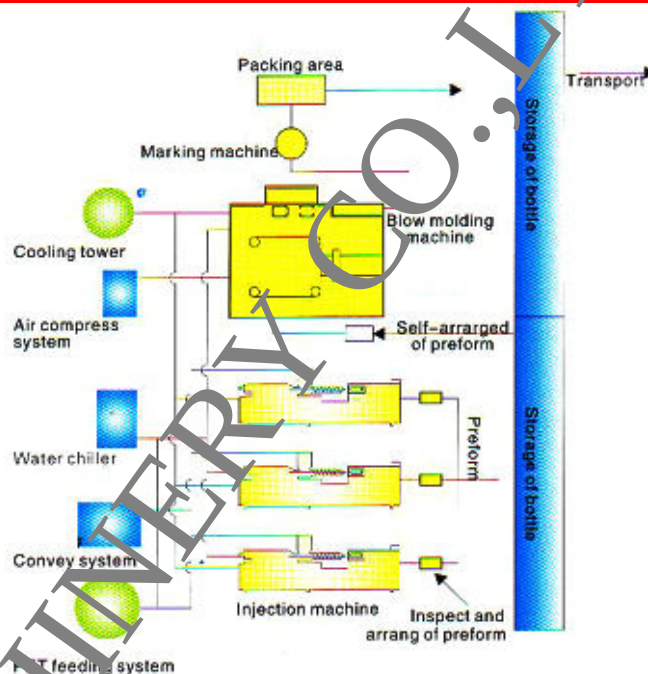
BP-ABH-3-2L

FULL AUTOMATIC BLOW MOLDING MACHINE

Flow chart



Flow plan of wholefactory equipment



PRODUCT NAME	SUPPLIER
Microcomputer control system & monitor	PLC (Programmable Logic Controller) DELTA
Turn the cylinder	JAPAN SMC
Clamping cylinder	TAI WAN AIRTAC
Bottom mould cylinder	TAI WAN AIRTAC
Push cylinder	TAI WAN AIRTAC
Clip catch cylinder	TAI WAN Mindmah
Shifting cylinder	TAI WAN AIRTAC
Electromagnetic valve	TAI WAN QILIKE
Air pressure blown	QUANJIA
Middle time relay	France schneider
Photoswitch	Japan OMRON
AC contactor	schneider
Air Switch	MITSUBISHI
Motor	Oriental (tai wan)
Electricity power	MEANWELL (TAIWAN)
Infrared Lamp	Philips