

BP-5P



5 GALLON PURE DRINKING WATER BOTTLE BLOWING LINE



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semi-automatic blow molding machine
for extra big PET bottles from 3.2 to 5 Gallon (20L)



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KINTL EXPORT PRICE LIST

S. No.	Description	Qty	Rate Per Unit	Price
1.	BP-5P Blow Molding Machine, rotary preheater and inner preheater	1 set		
2.	high air Compressor 1.2m ³ /min 30kg Air Drier 1.0 m ³ /min 30kg air tank 0.3 m ³ /min 30kg	1 set 1 set 1 unit		
3.	5 Gallon PET bottle moulds	1 unit		
4	Voltage Stablizer 50KW	1 unit		
5	Spare Parts	1 set		

OPTIONAL: Bottle blowing mould (3 Gallon bottle, 1 cavity)

Bottle blowing mould (5L bottle, 2 cavities)

Additional cylinder for 5L bottle

Notes:

1. all prices quoted here are on the basis of FOB China ports.
2. Other costs of on-site assembling, training, etc. are not included.
3. Payment terms: 30% as down payment by T/T in advance and 70% as balance by T/T 10 days before delivery.

(1.) ALL BANKING COSTS OUTSIDE CHINA ARE FOR BUYER'S ACCOUNT

(2.) DELIVERY TIME: 30 TO 50 DAYS AFTER RECEIPT OF THE RELEVANT DOWN PAYMENT.

(3.) BENEFICIARY: KINGTOP INTERNATIONAL GROUP LIMITED

(4.) BENEFICIARY'S A/C NO.: 4444480411

(6.) BANKER: STANDARD CHARTERED BANK SHENZHEN BRANCH

ADDRESS: UNIT 1005-521, SHUN HING SQUARE,

JIAWANG COMMERCIAL CENTRE,

NO. 5002, SHENNAN ROAD EAST,

SHENZHEN CHINA 518008

SWIFT: SCBL CNSX SHZ

INTRODUCTION

Using PET material, KINTL-5G blow molding machine is especially used to produce 3 gallon and 5 gallon bottles and is widely used to produce any shape of plastic from PET with neck finishes from 15mm-200mm.. Those bottles are mainly used to contain pure drinking water for office and family uses. Our KINTL-5G is designed to produce high quality water drums at very competitive prices.

- Perfect function with economic investment.
- Small size and compact construction with no space waste.

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- Easy to operate and maintain ,operation by one person .
- Saving power and uneasy to worn out ,Adopting new double crank four bars to lock mould, be cross fixed. Providing high pressure blowing system.
- We can provide performs and various bottle& cap molds for 5 gallon and 3gallon bottles to meet customer's requirements.

The complete production line for making 5 Gallon PET bottle manufactured by our factory includes:

1.)Main blow molding machine	1 unit
2.)Preform rotary preheater + inner preheater	1 set
3.)Voltage stabilizer (50KW)	1 set
4.)Chilling type air dryer(with built in rear/front filter)	1 set
5.)Low pressure air compressor 12.5Kg/0.8M3	1 set
6.)High pressure air compressor 30Kg/0.7M3	1 set
7.)Blow mould for 5 Gallon bottle 1 cavity	1 unit

MAIN BLOWING MACHINE

SIEMENS PLC controller. FESTO hydraulic elements, valves and pipes. MISHUBICH VVVF motor. The mould clamping system design is adopted by the advanced toggled lock design producing strong clamping force. The mould thickness can be adjusted by gear-turned belt automatically. On the blowing base of machine, an automatic moving device is assembled.

PREHEATER

The preheater is an infrared heater. When the preforms being heated in the infrared heater by circulation movement, they can also be rotating independently. Inside the preheater, there are 22 holding heads for the preforms and 12 infrared pipes providing 12 zones of different heating temperature. It ensures accurate temperature at each zone pipe without fluctuation, guarantee high percentage of perfect end products.

INNER PREHEATER

As the preform for 5 gallon bottle is thick and hard for uniform heating, some times, the final bottles will be pale if the preform is heated with the normal preheater. Therefore, besides the normal preheater, we add one inner heater to this line to get ideal uniform heating results, which is beneficial for easy forming the final bottle. The final bottle made in this way will be clear and even. There will be less deformed bottles so that you can save your production cost considerably.

To better understand how to use this inner preheater and its benefits, please watch our on line short video showing how to make a 5 gallon bottle with BP-5P

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Photos of the inner preheater

TOTAL POWER OF THE WHOLE SYSTEM IN KW. 22.5kw

TOTAL POWER CONSUMED BY THE BLOWING MACHINE IN KW. 3

POWER CONSUMED BY THE PREHEATER IN KW. 7.2kw/220v

TOTAL POWER CONSUMED BY THE TWO AIR COMPRESSORS
(HIGH PRESSURE AND LOW PRESSURE). 7.5kwx2

(.) Packing sizes are as follows:

- 1.) Blow moulding machine: 2.4x0.9x2.1M(packed dimension),
1.9T/1.8T(gross weight/net weight)
- 2.) Preheater: 2.4x0.74x1.87M, 0.44T/0.4T
- 3.) High pressure air compressor: 1.6x0.66x1.13M, 0.33T/0.3T
- 4.) Low pressure air compressor: 1.88x0.69x1.23M, 0.38T/0.35T
- 5.) Chilling type air dryer: 0.92x0.64x0.9M, 0.15T/0.13T

PRODUCTION CAPACITY

The production capacity of blow moulding machine BP-5P manufactured by our factory is about 90 bottles/hour. For 5L bottle, its production speed is about 400 bottles/hour. (Should add a smaller cylinder so as to work with 2 cavities mould). For 3 Gallon bottle, its production speed is about 250 bottles/hour

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AUXILLIARY EQUIPMENT:

HP air compressor



Basic parameter

Air compressor	Unit	2.4M ³ /30KG
Volume	M ³	
Pressure	Kg	30
Speed	r/min	600
Power	KW	2*15
Overall Dimension	mm	2*(2050*900*1650)
Weight	kg	2*690

Air Cooling Drier



Basic parameter

Refrigeration Air Dryer	Unit	2.0M ³ /3.0Mpa
Flow capacity	Nm ³ /min	2.0
W.P.	Mpa	3.0
Inlet Temp.	°C	≤80
Dew point	°C	23
Ambient Temp.	°C	≤38
Power supply	V/HZ	220/50
Compressor power	Kw	0.5
Cold Medium		R22
Weight	Kg	180

Air Storage Tank

Basic parameter

Air storage tank	Unit	0.6M ³ /3.0Mpa
Volume	M ³	0.6
Pressure designed	Mpa	3.3
Temp. designed	°C	100
Work pressure	Mpa	3.0
Test pressure	Mpa	4.13
Weight	Kg	300
Overall Dimension	mm	1700*700*2100