

SUPER PET - SUPER PET PRO STRETCH-BLOW MOLDING MACHINES



**GLOBAL
MACHINERY**

With us it's possible

Pet Bottles Project



Stretch-blow Molding machine is newly designed and reformed on previous experiences of our manufacture (with great development on the aspect of 2-in-1 cylinder structure, new model mold -clocked set and automatic voltage-regulating set of temperature controller of reheating unit). The mechanical structure is reasonable and compact with small volume, lightweight and artistic shape. Controlled by reliable electrical and pneumatic systems, the machine runs steadily with low noise and very convenient to be operated. It is an ideal equipment to make all different-shaped containers, such as mineral water bottles, beverage bottles, cosmetics bottles, medicine bottles, pesticide bottles, edible-oil bottles, fridge bottles and milk bottles, which have passed the test given by the Packing Material Development and Inspection Center of India Medicine Authority. With less investment and high durability, it does help you raise production and save energy. Besides, it accords with demands of L Hygienic food.

L Hequips with an infrared type rotary -reheating unit to heat per-form. In the unit, we adopt far infrared heating lamps to heat the per-form from both sides. The pre-form will be placed on the circulating discs of the heater. Along with the disc's rotation and revolution, the pre-form will slowly spin into the heater and pass through heater's heating area to achieve uniform heating power throughout its body and two walls. Moreover, we have also designed special cooling channels on the heater. With both mode of natural cooling and fan cooling, the heat won't accumulate on the circulating discs to apply per-forms correct heating mode. In addition, the circulating discs have several array modes for choice to fit pre-forms with different neck size, and can move very smoothly because of the nice cooperation of the pre-form heating stand-frame's oriented mechanism. In conclusion, the reheating unit can heat several of pre-form to produce diversified container.



SUPER PET- Up-to 1L

Semi Automatic Blowing Machine is suitable to produce different shape of the PET Bottles.

The USP of this machine is it could blow containers from 100 ml to 1000 ml and thus gives the user the flexibility to blow such a wide range on the same machine.



SPECIFICATIONS	
Production Rate (Up-to 1-Liter)	2-Cavity 1200bottle/Hr
Working Air Pressure of Main-Engine	0.8-1.0 MPA
Plastic Blowing Air-Pressure	0.8-3.0 MPA
Heating Power	2-4 KW
Max. Stretch Length	350mm
Max. Movable Mold Board Traveling Distance	230mm
Allowing Mold Thickness	180-280mm
Distance between Two Mold Centers	150-210mm
Power Supply	3-Phase AC 380V HZ 50 60
General Motor Power	750W
Cooling Fan Motor Power in Motor Box	20W
Cooling Channels Fan Motor Power	40W
Top Exhaust Fan Motor Power	700W
Infrared Heating Lamp	14-Pcs
Power Of Each Infrared Heating Lamp	300W
Linear Speed Of Heating Stand Frame	10 mm/s
Width Of Heating Channels	100-130 mm
Height Of Heating Channels	300-330 mm
Range Of Plastic Pre-forms Neck Size	15-120 mm
Range Of Plastic Pre-forms Thickness	1-10 mm
Dimension Of Master Blowing Unit in mm	L: 914.4 W: 1524 H: 1828.8
Dimension Of Reheating Unit in mm	L: 914.4 W: 914.4 H: 1219.2
Weight Of Master Blowing Unit	550KG
Weight Of Reheating Unit	280KG



ACCESSORY

Additional equipment to operate this machinery. High quality and super dynamic performance. Provided as complementary support for new start-ups. Applicable for only with 'Order Contract'

*T.C apply



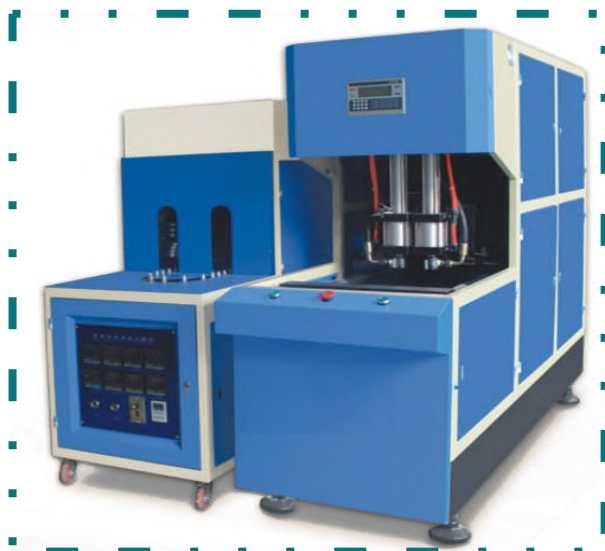
AIR COMPRESSOR	
Voltage and Frequency	120-220V 50 60HZ
Dimension in mm	L: 1420 W: 520 H: 970
Weight	70KG
Drive Mode	Silent Oil-Free Compressor
WATER CHILLER	
Capacity	2 TON
Dimension in mm	L: 914.4 W: 914.4 H: 1219.2
Weight	90KG
Evaporator	Pipe and Tube



SUPER PET PRO - Up-to 2L

Semi Automatic Blowing Machine is suitable to produce different shape of the PET Bottles.

The USP of this machine is it could blow containers from 100 ml to 2000 ml and thus gives the user the flexibility to blow such a wide range on the same machine.



SPECIFICATIONS	
Production Rate (2-Cavity up-to 1-Liter)	1-Cavity-2L 1400bottle/Hr
Working Air Pressure of Main-Engine	0.8-2.0 MPA
Plastic Blowing Air-Pressure	0.8-4.0 MPA
Heating Power	2-5 KW
Max. Stretch Length	350mm
Max. Movable Mold Board Traveling Distance	230mm
Allowing Mold Thickness	180-280mm
Distance between Two Mold Centers	150-280mm
Power Supply	3-Phase AC 440V HZ 50 60
General Motor Power	900W
Cooling Fan Motor Power in Motor Box	30W
Cooling Channels Fan Motor Power	50W
Top Exhaust Fan Motor Power	750W
Infrared Heating Lamp	28-Pcs
Power Of Each Infrared Heating Lamp	400W
Linear Speed Of Heating Stand Frame	12 mm/s
Width Of Heating Channels	100-130 mm
Height Of Heating Channels	300-330 mm
Range Of Plastic Pre-forms Neck Size	15-120 mm
Range Of Plastic Pre-forms Thickness	1-10 mm
Dimension Of Master Blowing Unit in mm	L: 1371.6 W: 1828.8 H: 1828.8
Dimension Of Reheating Unit in mm	L: 1371.6 W: 1676.4 H: 1524
Weight Of Master Blowing Unit	650KG
Weight Of Reheating Unit	350KG



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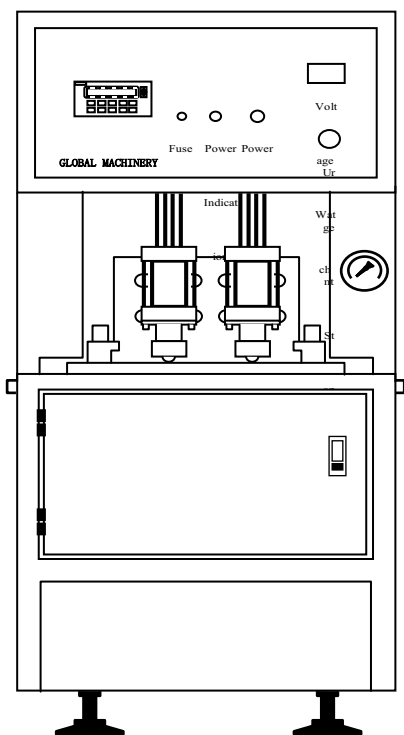
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AIR COMPRESSOR	
Voltage and Frequency	120-220V 50 60HZ
Dimension in mm	L: 1420 W: 520 H: 970
Weight	70KG
Drive Mode	Silent Oil-Free Compressor
WATER CHILLER	
Capacity	3 TON
Dimension in mm	L: 914.4 W: 914.4 H: 1219.2
Weight	110KG
Evaporator	Pipe and Tube



Master Blowing Unit



PLC Control System. The full -digital displaying PLC control system control machine's operation including sea ling, stretching, blowing and mold's moving, and all settings are interfaced through a user -friendly "soft -touch" pad, all data of operation are all shown on its LCD. Such PLC system's inner elements a re all of only the high quality available, which ensure it to achieve time -control precision to 0.01 second. In addition, such PLC has also data memory function. It can store 12 sets of bottle blowing parameters of dif. blow mold. It is very easy to be operated, and be convenient for none experienced.

Advanced Pre-form Heater. The new designed multifunctional far -infrared plastic pre-form heater adopts automatic rotary heating mode. Under this heating mode, you can make the pre-form heated evenly, and achieve high qualified -rate of product. It is suitable for he ating many kinds of pre-form with dif. size and model.

Two-in-one Cylinder Set. The stretch cylinder and the mouth sealed cylinder are designed in one set, which can avoid gas leakage thoroughly and enhance the qualified -rate of product greatly. The speed of releasing each side levers can be freely regulated.

Mold Clamping Set. The machine adopts advanced mold clamping set. In the set, there are several mold -closed stands on the mold clamping plate. These stands increase the force of closing mold, p rotect the mold, warrant the quality of product, and make the mold plate sustain force evenly.

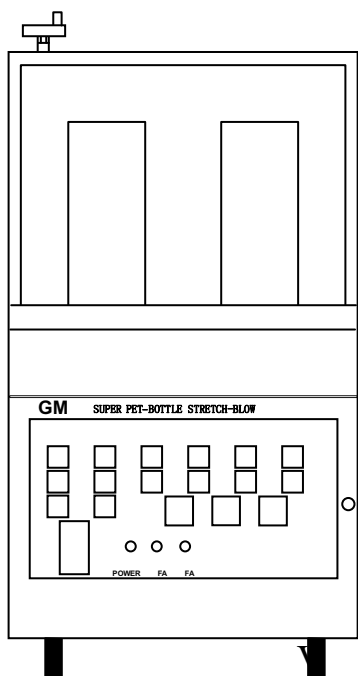
Import Fittings. The rubber pipe and connection made in India avoid gas leakage thoroughly. The machine's pneumatic elements, including electromagnetic valve, oil -sprayer, pressure regulator and filter, are manufactured by Global Machinery using the newest technique.

Air -stored Set. The machine installs a compressed airstored tank. When blowing big bottles, the machine can keep stable pressure, achieve clear bottle shape and enhance the qualified -rate of product greatly.

Automatic Draining Set. The machine can eliminate water and marks, emerging under high temperature and high pressure, to make product more transparent and clear.

Protection Set. The machine has a twin switch on set, which not only protects the mold, but also guaranties the operators' safe.

Reheating Unit



This unit is made up of mechanical part and electrical part, and equipped with control box. It is characterized of its mature heating techniques, high efcient heating effect and convenient operation and maintenance.

Its circulating move unit is made up of Main Chain -wheel, Slave Chain - wheel and Chain with cabinet volume. The whole transmission channel is divided into Heating Channels and Cooling Channels with reasonable distribution and reliable running.

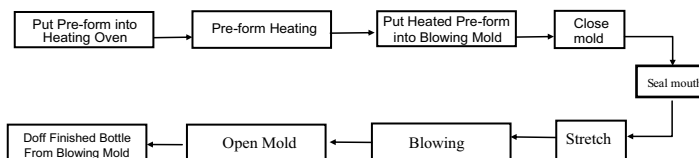
This heater adopts far infrared heating lamp to reheat per-form. There are 10-18 heating lamps in all, which are divided into three groups. According to concrete specification of per -form , these heating lamps can be used partly or all together.

During moving ahead, the rack will make the circulating discs rotate, which can make the per -form be heated uniformly and ensure to achieve nice stretch -blow effect.

Under per -form stand -frame's lo ng-side and short -side, there are roller, oriented track and oriented bar, which clamp correspondingly and make transmission smooth.

On cooling channels, besides natural cooling, there is fan cooling, which can quicken cooling speed to avoid accumulating heat on circulating discs. With both natural cooling and fan cooling, the heater will ensure the pre - form to achieve nice heating performance.

The control box will carry out all working electrical equipments' switch & change control and adjustment, very convenient and automatic.





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