



Customization & Professionalization



PANDPCO TRADING LIMITED

 342 Tennyson Drive
Oakville Ontario
Postcode: L6L 3Y9
Canada

 sales@pandpco.ca
info@pandpco.ca
guomail188@gmail.com

 www.pandpco.ca
 +1 (647)-7296873
 +1 (647)-7296873
 +1 (416)-4093186

 972767760
 PANDPCO188
 +1 (416)-4093186
 +1 (416)-4093186



Linear PET bottle blow stretch molding systems



Features

- Features: full servo control system, the structure is stable and reliable, high-speed and smooth.
- Rotary loading preform mechanism, stable and reliable. Can adapt to the requirements of different sizes of bottle preforms.
- Servo transmission system, high positioning accuracy, fast and stable, good reliability, no need of gas supply, the maintenance cost is low, servo motor controls stretching rod to stretch bottle preform. The advantage: it can make segmented stretch, firstly make preform positioning, ensure preform verticality when stretching, and then make the second stretch. Ensure the uniformity and consistency of each preform when stretching. Fast tension, position precision.
- Adopted fission structure of clamp head and clamp body, can quickly change different clamp head. The variable speed clamp rotation device can adjust the rotation speed of the clamp at any time, and ensure the uniformity of preform heating.
- Adopted linear structural design. Can easily adjust the height of the tube and the distance between preforms, to reach the best effect of the preform heating. Quick and simple replacement of lamp tube. Adopted the method of continuous temperature heating to ensure heating temperature uniformity of each preform. Preform spacing is small, can effectively save energy. There is a bottle screw protective plate to prevent heat distortion of bottle screw during heating process.
- First-class air supply control system, ensuring the uniform and quick reaction of blowing air flow, providing quality and uniformity of product.
- Advanced high-pressure lock blowing mechanism, stable and reliable operation, small vibration, which is suitable for different bottle type requirements. Good blowing neutral, the mold clamping line is small, the cam bottom die is designed with the dynamic design, and the synchronization is high



Heating Device

The heating light box adopts automatic mutual feedback and closed loop adjustment system, which can automatically in proportion output constant power and can be exempted from voltage fluctuations, greatly improved the stability of the heating system. The operating power of each layer can be adjusted independently, simply set up the corresponding adjustment table. Operation is simple. Minimum power amplitude modulation is only five thousandths of the maximum power, which can be very good to achieve fine temperature regulation at different heights of the bottle preform to ensure bottle blowing process requirements.



Preform Loading Device



This machine's mold base adopts pressurized symmetry structural form of four formwork's back side, and has the advantages of fast motion, stability and reliability, small mechanical vibration. Opening and closing mold's power module adopts single power rotary connecting rod clamping mechanism.

Heating System

This opening and closing the mold structure is formed by using the clamping lever shaft and the movable die on the fixed mold frame by controlling the rotation angle of the shaft to achieve a given position, lock and shut the movable mold between the opening and closing. The use of a rotatable shaft or rod axis notch notches direct clamping with clamping lugs shaft rod, reducing the transition power transmission, and replace with a rotary motion of the linear motion, work together to make it more stable and reliable.



Main Technical Data

Name/Type	PXLB-01Y	PXLB-03Y	PXLB-04YF	PXLB-06Y
Container Material	PET	PET	PET	PET
Blowing Capacity	1	3	4	66
Volume (ml)	20-5000	20-5000	20-5000	20-5000
Container Interval (mm)	200	200	200	200
Max. Height (mm)	330	330	330	330
Max. Body Diameter (mm)	170	170	170	170
Capacity (cool-filling bottle) (Bottle/Hour)	600-700	1800-2100	3000-3300	3600-4200
Voltage/Frequency	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Blowing Pressure	30-40bar	30-40bar	30-40bar	30-40bar
Operation Pressure	8-10bar	8-10bar	8-10bar	8-10bar

Notes: Due to the constant research and improvement, technical parameters listed above are subject to change without notice. (The following are the same)