

## *Semi-auto Bottle Blow Molding Machine LK-90*



LINKS semi-automatic stretch bottle blowing machine with microcomputer controlling system. PET bottle blowing machine controls various technical parameter needed more accurately and more steadily. Only one person without special training operates PET bottle machine more easily and more safely.

### **Description:**

- 1). Stable performance with advanced PLC.
- 2). Preform self-rotation and infrared pre-heater revolution assure the even distribution of heat, which improve the bottle shaping rate, increase the production.
- 3). High adjusting performance to enable preheat the preforms perfectly by adjust the voltage control area in the PLC, which could adjust the temperature of the infrared lights in the pre-heater, and keep the proper temperature and humidity invariable.
- 4). High safeties with security automatic-locking device in each mechanical action, which will make the production into a perfect safe environment, in case of the breakdown in certain procedure.
- 5). Introduce the FESTO air cylinder to avoid contamination and noise.
- 6). 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.
- 7). Strong clamping force with high pressure and double crank links to lock the mould.
- 8). Two ways of operating: automatic and manual.
- 9). Safe\reliable and unique design of the position of valve to make the pneumatic diagram in the machine easier to understand.
- 10). Low cost\high efficiency\easy operation and maintenance etc, profited from the fully automatic technological process.
- 11). Ideal cooling system make the finished bottles without any flaws.
- 12). Easy for you to install\test and start up.
- 13). Low rejection rate: less than 0.2 percent.

**Technical Parameter:**

<b>Model</b>	<b>LK-90</b>	
Container	Product material	PET
	Volume	10L-25L (3-5Gallon)
	Theoretical output	90 PCS/H
	Preform length	15mm-460mm
	Preform inner diameter	φ5mm-200mm
Moulding	Max.mould plate Dimension(L x W)	420x500mm
	Max.mould thickness	400mm
	Clamping force	330KN
	Mould opening stroke	380mm
Machine size and weight	Main machine (L x W x H)	218*77*196cm
	Main machine weight	1000Kg
	Heater (L x W x H)	237*68*165cm
	Heater weight	380Kg
	Power	40kw