

Semi-auto 4-Cavity Bottle Blow Molding Machine LKSA-4



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.

Advantage:

- 1). Stable performance with advanced PLC.
- 2). Automatic preform conveyer to save human cost.
- 3). Preform self-rotation and infrared pre-heater revolution assure the even distribution of heat, which improve the bottle shaping rate, increase the production.
- 4). 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.
- 5). 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.
- 6). Introduce the FESTO air cylinder to avoid contamination and noise.
- 7). 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.
- 8). Strong clamping force with high pressure and double crank links to lock the mould.
- 9). Two ways of operating: automatic and manual.
- 10). Safe\reliable and unique design of the position of valve to make the pneumatic diagram in the machine easier to understand.
- 11). Low cost\high efficiency\easy operation and maintenance etc, profited from the fully automatic technological process.
- 12). Ideal cooling system make the finished bottles without any flaws.
- 13). Easy for you to install\test and start up.
- 14). Low rejection rate: less than 0.2 percent.

Technical Parameter:

Model	LKSA-4
Clamping force	300KN
Clamping stroke	350mm
Max. stretching stroke	380mm
Number of cavities	4-Cavity
Theoretical output	1800-2000BPH
Max. mold thickness	190mm
Electrical system	
Voltage standard	380v/3PH/50Hz or special order
Total power (full loaded)	18KW
Container	
Max. container volume	2.5L
Neck diameter range	15-45mm
Max. container diameter	110mm
Max. container height	370mm
Auxiliary system	
High air compressor	> 1.2m ³ /3.0Mpax2 (0.5L)
Dimension & weight (LxWxH)	
Blow molding machine	1.9x0.88x1.8m
Pre-heater	1.9x0.66x1.6m
Net weight	1.3T