

Big Bottle Blowing Machine



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Big bottle blowing machine, a pioneer in full-automatic linear PET stretch blowing machine, especially for big volume bottles, KM adopts special design on the preheating system and servo driving system to enable it a big volume blowing, saving more than 50% power compared with similar machines by others, it is widely used in the package of edible oil, water with the volume 20L.

Product Advantages

- 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.

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| Product Name | Bottle Blowing Machine |
| Item Type | Bottle Blowing Machine |
| Place of Origin | Jiangsu, China (Mainland) |
| Model | KM-A4 |
| Productivity | 3200-4000PCS/H, depend on bottle design |
| Product type | |
| Body diameter | 20mm-100mm |
| Height | 50mm-350mm |
| Neck diameter | 15mm-38mm |
| Mold | |
| Cavity | 4cavities |
| Mold thick | 240mm |
| Mold | 500*500mm |
| Main machine power | |
| Electrical source power | 380v 3Phase /220v 3Phase 50/60HZ |
| Rated Power | 49kw |
| Really use power | 14kw |
| Air source | |
| LP air compressor | 1.6m3/min 1.0MPa 1set (15KW) |
| HP air compressor | 1.0m3/min 3.0MPa 2sets |
| Air dryer | 2.0m3/min 3.0MPa 1set |
| Cooling water | 15L/min |
| Size | |
| L*W*H | 1908*1858*1920mm |
| Weight | 3600kg |
| preform unscrambler | |
| L*W*H | 2000*950*2480mm |
| Weight | 250kg |
| Resin available | PET |
| Application | |
| Certification | CE SGS ISO |
| Warranty | 1 year |