

PET Bottles Blowing Machine SD-LG Series



SD-LG Series fully automatic bottles blowing machine is one of our most stable two-step bottles blowing producing equipment. Its producing range is mainly for the CSD bottles, drinking water bottles, other beverage bottles, and chemical or pharmaceutical bottles, it can blow maximum 750ml bottles, largest producing capacity reaches 5000 bottles per hour.

Our company have continuing evolved our design bases on the feedback from our customers and the advanced designs and techniques all around the world to meet the latest requirement of market. So it is stable, capable, durable and easy-operating, it will save you a lot cost on the packing material, and ideal equipment for your large capacity producing plant.

Features:

- This machine adapts PLC controlling system, so its complete processes and structures can be easily operate on the panel.
- The bottle-preforms heating structure adapts ultra-red ray quartz tubes, preforms rotating structure and reflecting boards. This design makes sure the bottles preforms are well around heat before been blowing, and can be commonly using for different shape bottle preforms.
- Automatic blowing pressure controlling, temperature monitoring and adjusting on the operating panel.
- This machine adapts automatic bottle preforms unscrambling and feeding.
- It also adapts automatic processing monitoring, error detecting and emergency shutting, with precise and sensitive judging. ◦
- The driving and processing structure adapts servo motor driving, which is high processing speed and also stable for continuing movement.
- The blowing process adapts two steps processing, the low pressure blowing ensure the wall of the bottles be average, the high pressure blowing make perfect bottles shape.

- Its tie rods are made of high tension steel and the mould is made of high quality cast iron, which is strong and durable, with long service life.
- The blowing moulds are designed with CAD, machined with CAM controlled NC machine, so it ensures the bottles blown appearance of the bottles perfect as to your bottles design.

Technical parameters:

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| Maximum applicable bottle size | 750ml |
| Maximum applicable bottles body diameter | 73mm |
| Maximum applicable bottles necks diameter | 38mm |
| Maximum applicable bottles height | 250mm |
| Producing capacity | 2000~6000BPH at 500ml bottles |
| Power | 40kw, 380V 50/60Hz |
| Blowing pressure | <4.0Mpa |
| Temperature controlling level | 7 levels |
| Dimension of blowing machine | 4700×2300×2100 |
| Dimension of preforms feeding machine | 1800×900×2240 |
| Weight | 5500kg |
| Maximum mould thickness | 210 mm |
| Heating way | Ultrared ray rotary heating |