



BALLOON FORMING MACHINE 1708

This **fourfold Balloon Forming Machine** is designed to produce a variety of plastic balloons. The electrical heated stretch blow molding process allows the production of different balloons for angioplasty and other medical applications. This machine has the capability to produce up to 4 balloons in once cycle. It is equipped with a PLC controller and PC. A connection to an external database will also be provided. The molds are clamped by four compact cylinder on one linear slide guidance.

This machine has an outstanding production rate and can produce balloons with excellent results.



Heating Blocks



Product Fixture



Product Clamp

Technical Specifications

- up to 600 balloons per shift
- balloon mould diameter: \varnothing 1.0–14 mm
- balloon mould length: 8–60 mm
- process temperatures: 20–220 °C (68–428 °F)
cooling with external system
- process time: 2–3 min
- pneumatically actuated fasteners are used for holding the product
- process pressure: 0–50 bar (0–725 psi)
- low pressure system: 6–10 bar (87–145 psi)
for product fixation
- process way: 400 mm
- 3-phase stepper motors
- simple user interface with BW-TEC HMI
- PLC Controller and PC for HMI and data management, network compatible
- new gold plated heating block connection
- dimensions (L x W x H): 1500 x 750 x 1350 mm
- weight: 180 kg
- power: 3 x 400 VAC
3000 W