

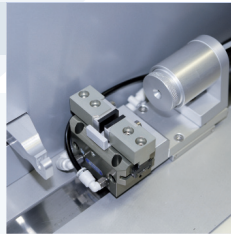


BALLOON FORMING MACHINE 1800

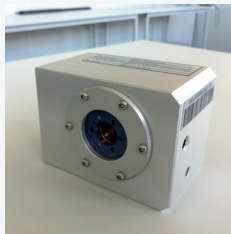
This **Balloon Forming Machine** is designed to produce a variety of plastic balloons.

The electrical heated stretch blow moulding process allows the production of different balloons for angioplasty and other medical applications. This machine is equipped with a SPS Controller and PC with touchscreen. A connection to an external database will also be provided. The moulds are clamped by a compact cylinder in a linear slide guidance.

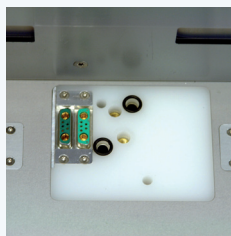
Balloon mould diameter between 1.5 to 40 mm and the balloon length from 10 to 300 mm and more are possible. All process parameters for specific products can be stored in separate menus.



Product Fixture



Heating Block with Bar Code



Connector for Heating Block

Technical Specifications

- up to 150 balloons per shift
- balloon mould diameter: \varnothing 1.5–40 mm
- balloon mould length: 10–300 mm
- better heating block connection with barcode scanner for serial number detection
- process temperatures: 20–250 °C (68–482 °F) cooling with external system
- process time: 2–5 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
- linear stretching way: left 400 mm, right 500 mm (minus heating block)
- 3-phase stepper motors
- simple user interface with BW-TEC HMI on touchscreen
- PLC controller and PC for HMI and data management, network compatible
- optional: force measurement
- dimensions (L x W x H): 1500 x 750 x 1350 mm
- weight: 120 kg
- power: 110/230 VAC
2000 W
- others upon request