



VERTICAL BALLOON MACHINE 2284

The **2284 Balloon Machine** was designed to produce a variety of plastic balloons. The small footprint and the four independent and fully equipped Balloon machines are a great advantage for high volume production.

The electrical heated stretch-blow-molding process allows the production of different high-quality balloons for angioplasty and other medical applications. The molds are clamped by a compact cylinder in a linear slide guidance. Balloon mold diameters up to 40 mm and balloon length up to 350 mm are possible.

The machine is equipped with a PLC controller and PC with touchscreen. The different colors of each unite indicate the next process step for user-friendly application. A connection to an external database can also be provided. All process parameters for specific products can be stored in separate recipes.



Core Unit Forming Process



Mold Holder & Heating Block

Technical Specifications

- up to 600 balloons per shift
- balloon diameter: \varnothing 1.5–40 mm
- balloon length: 10–350 mm
- process temperatures: 20–250 °C (68–482 °F)
- cooling with external system
- process time: 2–3 min for each unite
- pneumatically actuated fasteners are used for holding the product
- process pressure: 0–50 bar (0–725 psi)
- low pressure system: 6–8 bar (87–116 psi) for product fixation
- linear stretching way: up 750 mm, down 400 mm
- servo motors
- light curtains with different colors for safety and for process step indication
- user interface with BW-TEC HMI
- PLC controller and PC for HMI and data management, network compatible
- vertical heating blocks
- dimensions (L x W x H): 1640 x 1090 x 2220 mm
- weight: 660 kg
- power: 3 x 400 VAC/6,37 kW/others upon request

BW-TEC AG

HOFSTRASSE 1
CH-8181 HÖRI
SWITZERLAND
TEL +41 44 863 70 70
info@bwtec.com
www.bwtec.com