



## BALLOON MOULDING MACHINE 81

The **Balloon Moulding Machine** produces balloons for angioplasty using the water bath process.

The machine is equipped with product holders for the simultaneous production of up to four balloons. The extruded balloon tube is held in a three-part balloon mold. This form is fixed with a clamp, which is equipped with the weights necessary for the forming process. The balloon tube is pressurized and heated up to 96 °C in water. A cooling tank is used to cool the mould and product. The relevant process parameters are entered and stored as a data set via a touch display.



water bath



product connection



user friendly Interface

### Technical Specifications

- performance: up to 500 balloons per shift
- 4 products in parallel per cycle
- stainless steel work surface with seamlessly integrated water tanks
- heated water tank with level controller and thermostat
- PID-controlled process temperatures: 96 °C for moulding and 10 °C for cooling down of the moulds
- the motion axes are precise linear slides with stepper motor drive
- pneumatically actuated product fixation
- BW-TEC HMI touchscreen user interface
- process pressure: 0–50 bar (0–725 psi)
- dimensions (L x W x H): 100 x 800 x 2000 mm
- weight: 180 kg
- power: 3 x 400 VAC, 4000 W