The 2430 Balloon Forming Machine is designed to produce a variety of soft balloons. The electrical heated stretch, pump-blow molding process allows the production of different high-quality balloons for medical applications. The split allows the production of different balloons with complicated shapes. The machine is characterized by a short process time.

The user-friendly machine is equipped with a PLC Controller, PC with touchscreen and the BW-TEC HMI. A connection to an external database can also be provided. All process parameters for specific products can be stored in separate recipes.

**Technical Specifications**

- up to 150 balloons per shift
- process time: 2–6 min (depending on size)
- process temperatures: 20 – 250 °C (68 – 482 °F)
- cooling with external system
- process pressure: 0–6 bar (0–87 psi)
- pneumatically actuated fasteners are used for holding the product
- low pressure system 6–8 bar (87–116 psi) for product fixation
- linear stretching distance: left/right 450mm
- minimal tube length before stretching: 15.5 mm
- servo drives
- barcode scanner for balloon form detection
- simple user interface with BW-TEC HMI on touchscreen
- PLC controller and PC for HMI and data management, network compatible
- dimensions (L x W x H): 1500 x 750 x 1350 mm
- weight: 120 kg
- power: 110 or 230 VAC/2000 W others upon request