



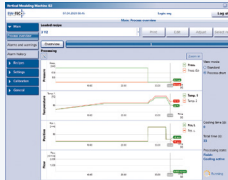
1555 1-4UP VERTICAL BALLOON MACHINE

The **1555 Balloon Machine** is designed for the production of a wide range of different high-quality plastic balloons and convinces with its small footprint for an optimal use of production floor space. The vertical layout is ideal for a primary-secondary concept, where up to three additional machines can be connected to gradually meet growing production demands.

The colored illumination shows the current process status of the machine for a user-friendly application. The machine is equipped with a PLC control, a PC with touch screen and the BW-TEC HMI. All process parameters for individual products can be stored in separate recipes. Due to the network compatibility a connection to production databases can be made possible.



Pneumatical Product Fixture



BW-TEC HMI



Heating Block With Barcode

Technical Specifications

- up to 150 (1up)/600 (4up) balloons per shift
- process time: 2–3 min
- balloon diameter: Ø 1.5–40 mm
- balloon length: 10–350 mm
- linear stretching way:
up 750 mm, down 400 mm
- process pressure: 0–50 bar (0–725 psi)
- process temperatures: 20–250 °C (68–482 °F)
- cooling with external chiller
- low pressure system: 6–8 bar (87–116 psi)
- servo drives
- colored illumination shows the current process status
- user interface with BW-TEC HMI
- PLC controller and PC for HMI and data management, network compatible
- dimensions (L x W x H): 900 x 500 x 2230 mm
- weight: 240 kg
- power: 230 or 115 VAC/1800 W