



2774 AUTO BALLOON FORMING MACHINE

Fully Automated Balloon Production for high-demand medical manufacturing

The **2774 Auto Balloon Forming Machine** is designed for fully automated production of plastic balloons. The electrically heated stretch blow molding process enables the production of a variety of high-quality balloons for angioplasty and other medical applications.

The high-capacity tube magazine can hold up to 200 plus necked tubes (Tube dependent). These are automatically loaded into the mold. After the rapid forming process, the balloons are issued into the storage tray. The balloons can be retrieved from the balloon storage container during the process.

Enhanced Efficiency with Reliable Quality

Designed to support scalable, efficient, and high-quality balloon production, the 2774 Auto Balloon Forming Machine is the ideal solution for high-demand medical manufacturing environments.

Key Features

- **High-Capacity Tube Magazine:** Holds up to 200 plus necked tubes (depending on tube size) for extended, continuous production, with automatic loading into the mold.
- **Efficient Collection System:** Finished balloons are issued directly to a storage tray for easy, uninterrupted access and retrieval during production.
- **Fully Automated Workflow:** The seamless, fully automatic process enhances productivity and quality, allowing operators to allocate resources more effectively.
- **Compatible with BW-TEC heating blocks** and balloon molds, offering seamless integration into your existing setup.



Magazine



Picking Unit



Tube Feeder

Technical Specifications

balloon diameter: Ø 4–34 mm
balloon length: 2–110 mm
Vertical Rapid Heating Block
200 plus balloons per magazine (tube size dependent)
process temperatures: 20–250 °C (68–482 °F)
cooling with chiller (included)
process time: 1–3 min (for a typical PTCA Balloon)
process pressure: 0–50 bar (0–725 psi)
low pressure system: 6–8 bar (87–116 psi)
linear stretching way: up 750 mm, down 400 mm
servo motors
user interface with BW-TEC HMI
PLC Controller and PC for HMI and data management, network compatible
dimensions (L x W x H): 1050 x 720* x 2240* mm
*incl. screen ~1050 x 1150 x 2240 mm
weight without chiller: 315* kg
*incl. chiller 355 kg
power: 3 x 230 VAC, 16 A, 2000 W