



Coster **BTH** is a fully automatic water bath for burst test with production capacity is up to 300 CPM. It is available both for 1" and 20 mm valves. The automatic bath essentially consists of:

- head with motorization;
- stainless steel tank;
- protective guarding with interlocked switches;
- chain conveyor system with grippers to hold cans;
- mechanical group for sorting, holding and releasing of cans from holders;
- thermostat for control and adjustment of water temperature.

In the standard version BTH is pre-arranged for using hot steam to heat water; alternative heating systems are available on request.

The group is equipped with an air blowing device to dry cans at the bath exit. The automatic bath can be easily connected to the filling machines using a conveyor system.

Special can holders in synthetic material, which avoid scratching of cans, are easily adaptable to the different

dimensions and shapes of cans. Manual release of defective cans from holders is easy. Should a holder break, replacement is simple.

A varydrive motor allows adjustments to filling speed. If steam heating is used, the electrical components are explosion-proof.

All parts in the bath are easily accessible, and only a few simple adjustments are required to change the type of can.

## **TECHNICAL DATA**

*Top speed: 300 CPM*

*Height of cans: 75 ÷ 320 mm*

*Diameter of cans: 35 ÷ 66 mm*

*Standard voltage: 400 V - 50 Hz (other on request)*

*Power supply: 3 Kw*

*Air consumption max: 100 NI/1"*

*Air working pressure: 6 ÷ 10 bar*