Universal CAB Batch Furnace

High brazing quality for low volume producers

The Universal CAB Batch Furnace is designed to braze the widest variety of heat exchangers in horizontal or vertical position depending on the product design requirements. It operates on a part-time basis. The furnace can be brought up to brazing temperature from ambient and conditioned to a proper atmosphere in a very short time. This two-chamber batch system allows for variable heating and cooling rates, depending on product requirements

Industrial application

- For all types aluminum heat exchangers
- Horizontal and vertical brazing availability
- Ideal for low volume HEX producers

Horizontal load

Vertical load

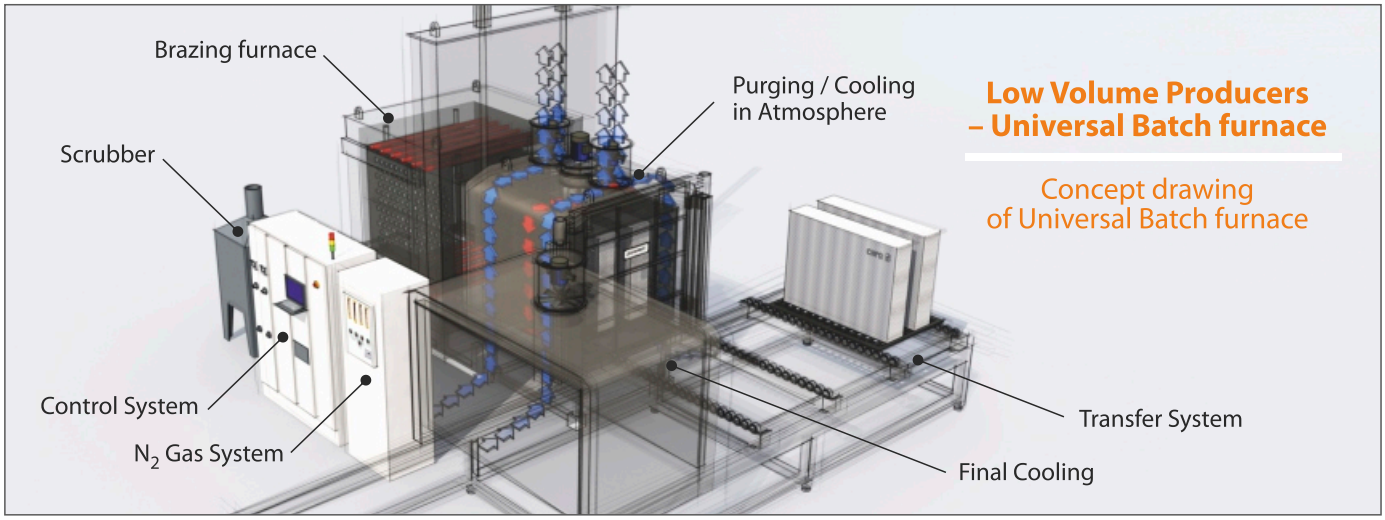
Main advantages

- Highest flexibility
- Short preparation time (2-3 hours)
- High brazing quality
  - Clean atmosphere - Optional Vacuum purging
  - Temperature uniformity
  - Sharp heating profile
  - Repeatable brazing process
  - Optional – build in line together with degreaser, fluxer, dryer
- Compact design
- Easy for installation and use
- Low investment cost

Basic technical parameters:

- Brazing time* (in brazing chamber) 10 - 40 minutes
- Cycle time* (including purging, cooling) 30 - 70 minutes
- Standard Size 1100 x 1100 x 1500 mm
- Load mass 350 kg
- Other sizes and load mass versions available

* time depends on the type and mass of the product



Low Volume Producers – Universal Batch furnace

Concept drawing of Universal Batch furnace

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