

AKG[®]'s 2nd CAB Batch Type Furnace

equipped with big size Vacuum Lock
for enlarged batch size 1250 x 700 x 3150 mm (HxWxL)

NEWS

2022/12

Start of production in Spring 2022!

The 1st sellacan CAB Batch type Furnace for AKG runs successful in their Indian plant – the 2nd furnace for AKG North America will serve the increasing demand of the American market with capacity boost of brazing technology.



Feature: Big Size Vacuum Lock

Exemplary Tower Furnace



Batch size dimensions: 1250 x 700 x 3150 mm

Loading capacity: 800 kg

After having equipped numerous batch type furnaces in smaller dimensions with vacuum locks, the AKG Furnace is the first big sized!

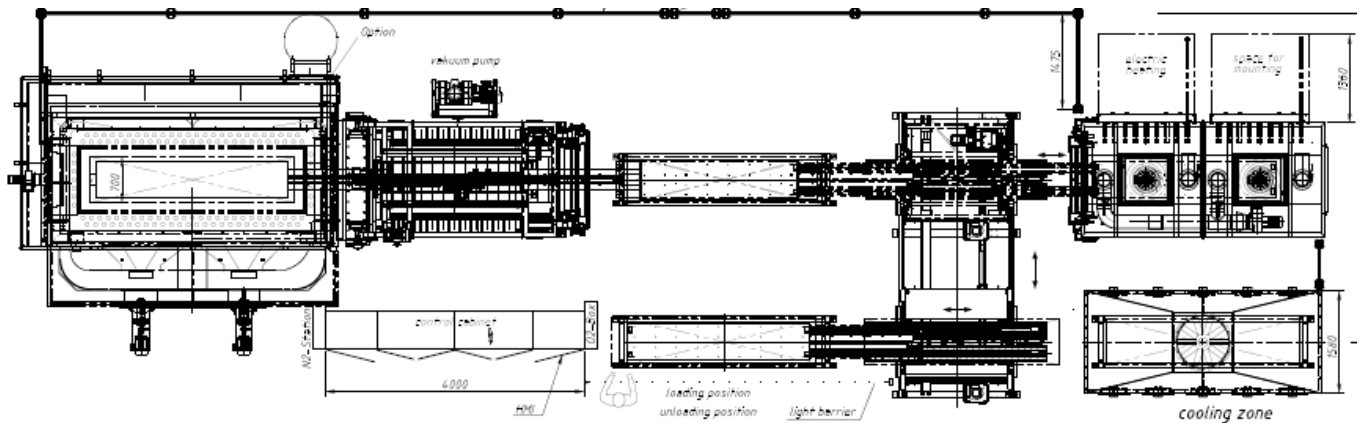


loading examples



The vacuum section creates a good atmosphere inside the cores – displacing oxygen by nitrogen to get better brazing results of inner fins. Appropriate for brazing bigger Aluminum Heat Exchanger Blocks.

Example of a similar brazing line for Aluminum heat exchanger, continuously operating:



Consisting of:

- Debinding / Preheating oven
- Vacuum Lock with nitrogen purging
- Purging/fast down cooling (bottom chamber)
- Brazing zone (upper chamber)
- Final air cooling section
- Telescope / loading + unloading table
- Loading / unloading station

Benefit:

- Flexible use of different types of exchangers
- Batch type loading of HEX in horizontal or vertical position
- Batch size dimension 1250 x 700 x 3150 mm
- Loading capacity 800 kg gross
- Energy efficient, simple stand-by operation and quick heating-up
- Semi continuous production by automatic rack circulation



Increased speed by
Triplex Vacuum Pumps

Custom made solutions on request: