



Building industry Heat exchangers

This heat exchanger production line is the work's result of **MIB-HYDRO** and **ALIPRESSE**, 2 companies from **DIMECO**.

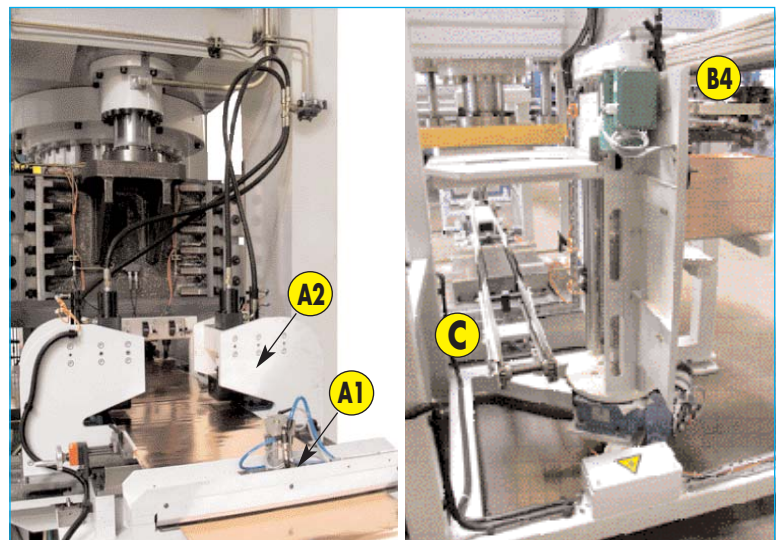
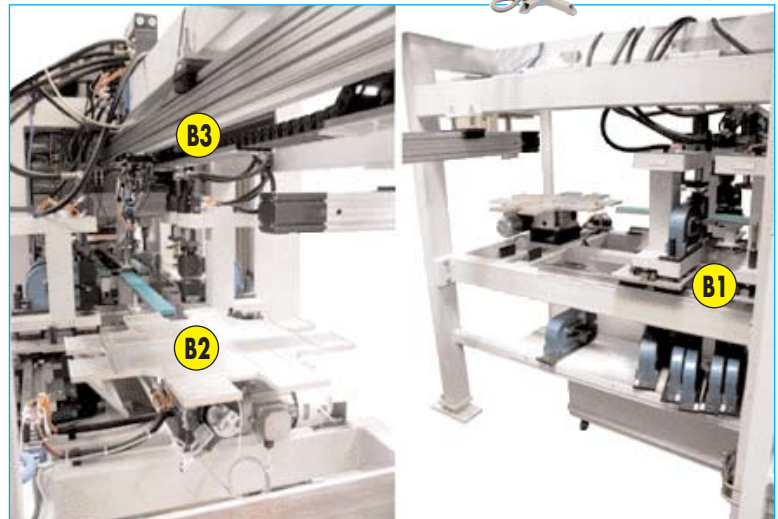
This line is able to deal with 3 kinds of products with different sizes becoming then heat exchangers after steps of stamping, forming and stacking from copper and inox coil at a rate of 10 parts per minute.

The **MIB-HYDRO** line includes :

- For stamping : 1 hydraulic arch press 2000T
Tables 1500 x 1300 mm
Stroke 200 mm
Passage 580 mm
Working speed 5 to 18 mm/s
Approach speed 130 mm/s
- For forming : 1 hydraulic Arch press 120 T.
Tables 800 x 800 mm
Stroke 400 mm, passage 900 mm

The **DIMECO ALIPRESSE** line includes :

- 2 motorized uncoilers : 1 for inox coil, 600 mm width maxi, thickness 0.35 mm, 1 for copper coil, 600 mm width maxi, thickness 0.005 mm
- A1 • NC controlled gripper feeder
- one spraying lubrication unit
- A2 • 2 x 10 ton force punching heads fitted out with tooling sets to proceed to notching operations
- B3 • one numerized gripper feeder to eject embossed parts
- B1 • 4 x 10 ton force punching heads fitted out with tooling sets to do holes B2 - one twister for part swivelling
- B4 • one numerized gripper transfer to ensure plate stacking
- C • one driven transfer to eject assembled plates
- D • one pile turn-over unit at the end of the line
- one automated manual handling device.



Design and manufacturing according to specifications

