



Alu-Technika Kft.

Fémszerkezet tervező, fejlesztő, és gyártó Kft.

Dear Sir/Madam,

Alu-Technika Gmk., the predecessor of our company, was founded in 1983 in collaboration with Ernő Rubik Sr., the ageless designer of the sailplane. Initially, we produced sailplanes, gliders and other special means of transportation.

On 1st March 1990, we founded Alu-Technika LP, of which the legal successor is Alu-Technika Ltd. We await our customers at our current site in Kisperest, in a 3000 m² factory.

Our neat and tidy conditions, our team of 45 engineers and specialists and our constantly expanding type of machines, which are modern and well-maintained, allow us to process significant quantities of materials.

Our orders can be grouped into two main areas: the production of sheet metal parts and machine frame parts, as well as constructing applied arts.

Kind regards,



Executive director





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• CNC Laser Cutting + Automatic Pallet Management System

TRUMPF TruLaser 3030 L49 (FIBER)

Board Cut Size: 1500 x 3000 mm

Plate thickness:

- Carbon steel: 25 mm
- Stainless steel: 20 mm
- Aluminum: 20 mm
- Brass: 12 mm
- Copper: 12 mm

TRUMPF PalletMaster Tower

Number of Pallets: 20db

Size of Pallets: 1500 x 3000 mm

Pallet load capacity: 950 kg/pallet

Tower load capacity: 19 Tons

• CNC Punching, custom perforation, embossing

BOSHERT Compact CNC Rotation

Board size: 1250 x 2000 - 10000 mm | Compression force: 27 Tons

• CNC Milling

HURCO VMX42i

Table size: 1270 x 610 mm

Axis movement:

- X axis: 1060 mm
- Y axis: 610 mm
- Z axis: 610 mm

• CNC Spindle + Automatic Bar Feeder

DOOSAN LYNX 2100LMA

Max diameter: 300 mm

Max length: 510 mm

Indexing: 24

No of Tool Positions: 12db

FMB Turbo 3200

Feed rate: 700 mm/sec

• CNC Bending

Bystronic Xpert Pro 200

3100 Extended

Tonnage: 200 Tons

Bending length: up to 3100 mm

Open height: 840mm

TRUMPF TruBend 3100

Tonnage: 100 Tons

Bending length: up to 3100 mm

ADIRA QHD 10030

Tonnage: 100 Tons

Bending length: up to 3000 mm

ADIRA 2512 CNC

Tonnage: 25 Tons

Bending length: up to 1250 mm

ADIRA QHA-3215

Tonnage: 32 Tons

Bending length: up to 1500 mm



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- **Cutting and Bending of pipes, sections and fittings**
- **Curving of plates**
 - Cylinder length: 2500mm
 - Maximum thickness: 5mm
- **Welding**
 - We have a specially designed 650m2 welding hall with qualified welders, highly trained locksmiths, turntables and positioning welding tables (Siegmund).
 - AWI, AFI, CO, Soyer stud welding, spot welding
 - Robot / Cobot welding
 - Materials: stainless steel, carbon steel, aluminum and copper
- **Machining**
 - We undertake demanding and precise cutting work in our high-precision machining centers.
- **Pressing**
- **Metal grinding, polishing and deburring**
 - COSTA MD4 (automatic / machine deburring, grinding machine)
 - Materials: stainless steel, aluminum, carbon steel, bronze, brass, copper
 - GRIT PIPE GRINDER (automatic / pipe grinding machine)
 - Materials: stainless steel, aluminum, carbon steel, bronze, brass, copper
 - Hand sanding and polishing machines with structured discs of different fineness
 - Materials: stainless steel, aluminum, carbon steel, bronze, brass, copper
- **Manufacturing**
 - High-precision machine frames, plate parts
 - Metal covers
 - Columns, counters, ventilation grilles, perforated covers
 - Metal structures
 - Frame structures, non-slip industrial stairs, walkways, railings
- **Constructing of Applied Art Works**
 - Handrails, fences, gates pierced with a uniquely designed pattern
 - Furniture, tables, shelves, accessories designed by craftsmen
 - Non-ferrous wall coverings in smooth, etched or openwork design
 - Plastic emblems, labels, coats of arms



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