

# EU-FIRE Industry

„You cannot always do what you must,  
but you must always do what you can.”

(Gábor Bethlen, Prince of Transylvania)

Tradition and innovation

# The EU-FIRE Group

The limited liability company EU-FIRE Kft. was established as a wholly family-owned Hungarian enterprise in 2001. The corporate group consists of several divisions.

## **INDUSTRIAL PRODUCTION**

it has a metal and plastic fabrication division, which supplies products to many manufacturing companies in the transport and industrial fields

## **HEALTH CARE**

as a health care industry investor, it has created a substantial Hungarian-owned supplier capacity for Hungarian health care

## **INNOVATION**

it has also expanded its operations with manufacturing and high-tech, as well as innovative technological projects



Our corporate group is driven by innovation and is based on tradition.

## GEOTHERMAL

as an expert of developing geothermal energy sources, and acting as an investor and expert engineer, it has become a crucial contributor to Hungarian environment-friendly property developments and investments

## AGRICULTURE

it has expanded its activities to include a pig farm, grey cattle breeding and silviculture, in addition to gene conservation and agricultural R&D projects

## TOURISM

it is establishing high quality family- and environment-friendly places of accommodation across Hungary

In its world-class industrial manufacturing plants, EU-FIRE Kft. applies production technology which meets the highest requirements and focuses on the ongoing development of machines, with the aim of providing full customer service.



# Industrial production

from the idea to the finished product

## Fields of activities

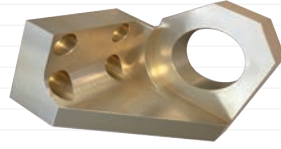
- metal and plastic milling activities in serial and single unit production
- CNC machining (stainless and carbon steels, aluminium, non-ferrous metals, plastics)
- arc welding, argon gas welding
- metalworking industry activities
- grinding of plane and cylindrical surfaces
- plate machining (edge bending, laser cutting, flame cutting)
- manufacturing of panels
- for façades and interior decoration
- CAD-supported machine manufacturing
- single unit production
- high volume production
- raw materials are acquired and cut to size



## Machines

- Vertical machining centre NMV106A: 3+1 axes (YCM Industries Co. Ltd.) suitable for 3+1 axis milling.
- Arburg injection moulding machine, with robot arm and conveyor, to enable the manufacturing of plastic and silicone health care products in a cleanroom, while observing the strictest health standards
- Measuring room fitted not only with manual measuring devices, but also with the most advanced Zeiss coordinate measuring machine and a Zeiss microscope
- YCM NFX-400A: a 5-axis vertical machining centre (YCM Industries Co. Ltd.) designed for machining any geometry
- YCM NTC-2000 LSY: a sub-spindle, Y-axis CNC lathe (YCM Industries Co. Ltd.), max. turning dia. 350mm, max. turning length 686mm

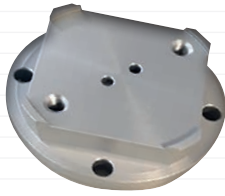




# Developments

**The newly purchased equipment is capable of turning out the following products**

- precision engineering components: manufacturing of telescopes, eyesight improving facilities, optical moulds and machine parts
- automation components: manufacturing components for facilities intended for additional automation, automatic equipment, lens-making machines, conveyor tracks
- medical equipment: manufacturing the components of medical devices and equipment
- components of measuring equipment and devices
- manufacturing of unique small batch components: the production of special fittings, pins, valves, and controls
- manufacturing the components of industrial machines
- manufacturing milled parts, modules and accessories for the automotive industry



## Top-notch technology for the highest quality

- we are able to manufacture for the Hungarian and international markets a significant quantity of excellent quality products currently in short supply
- due to its size, our company can flexibly adjust to quickly changing market requirements
- using our product scanner and coordinate measuring machine, we are able to manufacture products even on the basis of a single sample piece, without the production documents. We digitise the sample, create a three-dimensional image, and then program the production process after translating the data into the programming language of our computer-controlled machining units
- the finished products are taken by an automated transport robot from the machining units to the measuring room, where our coordinate measuring machine and microscope are available to ensure the meeting of the highest standards

Using world-class precision machines and an experienced staff, we implement our customers' plans internationally, but cost efficiently from the idea to the finished product

## Specimen

### Sustainability for future generations

In addition to observing the applicable environmental protection regulations, our plants pay special attention to the following environmentally conscious approaches:

- our machining centres apply an advanced coolant filtration and cleaning technology, which enables the filtration of even a minimal oil contamination resulting from the manufacturing process, and the coolant is fully recycled
- we have established a detached chip storage building, to allow the recycling of separately stored chip scrap
- the chip transport trolleys separate the jointly removed chip and coolant, and hence it can be stored with environment consciousness in mind

## CONTACT

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**MÁTÉSZALKA**  
production base



**KOCSORD**  
production base



**NAGYTARCSA**  
logistics centre



**BUDAPEST**  
headquarter



**NAGYKÁROLY**  
production base,  
distribution centre



**ÚJVIDÉK**  
distribution centre