



BÓLY · HUNGARY · IN THE INDUSTRY SINCE 2011

# Machining and mechanical builds, one responsible party

From a single part to a finished assembly. Drawing or STEP in —  
quote within days.

Company introduction · 2026

ABOUT US

# Five people, one point of contact

In the industry since 2011, one team since 2022: Hubi Metal Industry Ltd. machines on close to 400 m<sup>2</sup> in Bóly, Hungary.

Three machinists, a workshop manager, and a project and mechanical engineer. In a team this size a project cannot get lost: the person you discuss the quote with sees it through to handover.

- Three machinists — at the machines, not in an office
- Workshop manager: scheduling and quality in one hand
- Project and mechanical engineer: from first call to handover
- Electrical scope and installation with long-term partners



IN NUMBERS

# Hubi Metal Industry

**2011**

In the industry

**2022**

One team

**400 m<sup>2</sup>**

Workshop

**5**

People, one goal



01

# What we do

Two things we do properly.



# Machining the way the drawing asks

From one part to medium batches — the same tolerance on the first piece and the hundredth.

SZG-01

## **CNC milling**

3- and 5-axis: complex 3D geometries, toleranced bores, fits.

SZG-02

## **CNC turning**

Rotationally symmetric parts with fine surface finish — one-offs and batches.

SZG-03

## **Fixture and workholding design**

Our own workholding for repeat parts. That is what holds the tolerance on the hundredth piece.

SZG-04

## **Inspection and documentation**

Inspection report on request for every item, with material certificates.

# From structure to finished assembly

Mechanical design, manufacturing, assembly — the electrical scope comes from our long-term partners, the responsibility stays with us.

GEP-01

## **Mechanical design**

3D model, strength and safety considerations, production drawings, bill of materials.

GEP-02

## **Manufacturing**

Welded structures and machining in-house: frames, weldments, machined parts — straightened after welding.

GEP-03

## **Assembly**

Assembly, setting and trial in Bóly, with in-process inspection.

GEP-04

## **Project management**

One responsible person from quote to handover — partner coordination included.

# What we do, what our partners do

We say it plainly: the electrical scope is delivered by long-term partners. Contract, deadline and responsibility stay in one place — with us.

## IN-HOUSE

- Mechanical design and documentation
- CNC milling and turning
- Welded structures, assembly
- Fixture and workholding design
- Inspection, in-process checks
- CE documentation
- Project management, scheduling, handover

## WITH LONG-TERM PARTNERS

- Electrical design
- Control cabinet manufacturing
- Controls and PLC programming
- On-site installation and commissioning

# 02

## How we work

Five steps, five approval gates.



# From request to handover

You decide at the end of every stage — no surprises at the end.

**01**

## **Request**

A drawing, a STEP file or a few sentences. Our question list filters out what affects price.

**02**

## **Quote**

Technical scope, boundaries, schedule, price — within days, not weeks.

**03**

## **Design**

Production drawings and bill of materials; electrical design runs in parallel at the partner.

**04**

## **Manufacturing**

Machining and assembly in our own workshop, measured as we go.

**05**

## **Handover**

Assembly, trial, documentation; installation with the partner at your site.

WHY US

# Why it is simpler with us

## THE USUAL SITUATION

No quote for small batches, or a wait of weeks.

The tolerance on the drawing is achievable, just disproportionately expensive.

Machining, fabrication, electrical — three suppliers, and the deadline gets lost somewhere between them.

## HOW WE HANDLE IT

We price from a drawing or STEP within days — machining time estimated from our own experience, not a spreadsheet.

Alongside the quote we give manufacturability feedback: where the same function can be had for less.

One contract, one project manager. Our partners deliver the electrical scope; coordination and responsibility stay with us.

# What we manufacture with

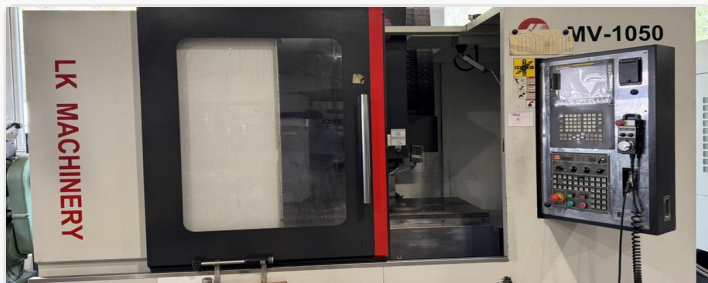
Four CNC machines: 5-axis and 3/3+1-axis milling, turning with driven tools.



## 5-AXIS MACHINING CENTRE

### DMG MORI DMU 40

|          |                          |
|----------|--------------------------|
| TRAVELS  | X 550 · Y 450 · Z 420 mm |
| TABLE    | Ø 505 mm · B –35...+110° |
| SPINDLE  | 15,000 rpm · SK40        |
| MAGAZINE | 60 pockets               |
| CONTROL  | Heidenhain TNC 640       |
| PROBING  | Renishaw touch probe     |



## VERTICAL MACHINING CENTRES

### 2 × LK Machinery MV-1050

|          |                           |
|----------|---------------------------|
| MACHINES | 2 · 3-axis + 3+1-axis     |
| TRAVELS  | X 1050 · Y 600 · Z 560 mm |
| TABLE    | 1250 × 600 mm · 800 kg    |
| 4TH AXIS | A · Ø 255 mm rotary table |
| SPINDLE  | 12,000 rpm · 11 kW · BT40 |
| CONTROL  | Fanuc 0i-MF · 25 tools    |



## CNC TURNING CENTRE

### Hyundai WIA L210LMA

|              |                              |
|--------------|------------------------------|
| WORKPIECE    | max. Ø 250 × 500 mm          |
| SPINDLE      | 4,000 rpm · 11 kW            |
| TURRET       | 12 stations · VDI 40         |
| DRIVEN TOOLS | drilling, milling, threading |
| C AXIS       | 360°                         |
| CONTROL      | Fanuc i series               |

## CONTACT

# Request a quote

Send a drawing, a STEP file or a few sentences — we reply within days.

### WORKSHOP

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