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INVESTMENT AND TRADE  
DEVELOPMENT AGENCY

# Metal Technology in Hungary



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# Metalworking / Subcontracting in Hungary

Hungary's exports of metal parts and components exceed EUR 3 billion annually, with semi-finished products accounting for a further EUR 4 billion each year. Hungarian subcontractors rely heavily on foreign customers, with their exports generally exceeding 70%.

Up until mid 2008, most Hungarian subcontractors experienced continuous export growth and expanded their production capacity accordingly. Most companies saw no need to invest in marketing and trade show participation as, more often than not, the order book was full. As the economic crisis forced Western European partners to cut production, Hungarian subcontractors also faced a substantial drop in orders.

Today's Hungarian subcontractors typically operate modern machinery parks and employ highly skilled workers. They work reliably and flexibly, and are able to deliver cost-effective manufacturing and short lead times.

Main products/services:

- **Semi-finished products**  
plates, slabs, strips, wires, bars, tubes
- **Parts and components**  
machine tools, sheet metal, welded steel structures, casting, forging, tooling, and heat and surface treatments
- **Finished products**  
fastenings, fittings, wire products, packaging materials, street furniture, etc.

## Characteristics of Hungarian subcontractors

- **Welded steel structures**  
(light, medium and heavy constructions)  
Typical company size: 50-250 employees  
Former machinery manufacturers  
Certificates: ISO 9001, 9002, DIN 18800/7, EN ISO 3834-2  
Typical products: machine frames, mining, agricultural, construction and tool parts  
Extensive international experience

- **Machining**

Typical company size: 20-100 employees  
Many market players, strong competition  
Small, medium, large series, prototypes  
Supplied industries: machine industry, automotive industry  
Modern machinery park (3, 4 and 5 axis CNC machines)  
Engineering with CAD/CAM, edgeCAM, ProEngineer software  
Certificates: ISO 9001, (ISO TS 16949, AS 9100)  
Materials: steel, aluminium, plastics

- **Sheet-metal works**

Typical company size: 30-100 employees  
Laser cutting, edge bending, MIG, MAG, robot welding, spot welding, stamping, assembly  
Typical products: equipment housings, boxes, switch-gears and metal tanks (pressure and ordinary)  
Materials: steel, stainless steel, aluminium  
Certificates: ISO 9001, ISO TS 16949, ISO 3834-2, EN 13445

- **Castings**

Technologies: aluminium pressure casting, gravity casting, sandcasting, GG, GGG casting, steel casting, investment casting  
Certificates: ISO 9001, ISO TS 16949

- **Forging**

Very few market players  
Typical weights: 0.05 kg - 16 kg  
Materials: aluminium, steel, brass  
Typical products: pistons, compressor pistons, compressor connecting rods, brake sections, gear pump components, gas pressure bottleneck rings, air cylinder pistons, vehicle parts, electronic industry parts

- **Tooling**

Plastic and metal injection moulding tools, cold-forming tools, stamping tools, RPT

- **Heat and surface treatment**

Case hardening, tempering, anodising, galvanising, zincing, nickelising, powder coating, KTL, etc.

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## Metal Technology in Hungary



## FOUNDRIES

Alu-Rock  
AlZink  
Certa  
CSABAcast  
Csepel Metall  
Gre-Ga  
Kühne Vasöntöde  
Magyarmet  
Nova Hungária



## Alu-Rock Kft.

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E-mail: [info@alurock.hu](mailto:info@alurock.hu)

Web: [www.alurock.hu](http://www.alurock.hu)

Managing Director: István Béres

Contact person: István Béres

Languages: English

Phone: +36 28 769 202

E-mail: [istvan.beres@alurock.hu](mailto:istvan.beres@alurock.hu)

Year of establishment: 1951

No. of employees: 18

Turnover (2008): EUR 1 million

Export ratio: 99%



### Primary activities:

Casting – aluminium gravity casting

Assembly – mechanical

Engineering design and consulting

Machining – machining centres, milling

### Products:

Machinery, furnishing, lighting and medical components



### Volume:

Small series, medium series, large series

### Quality certificates:

ISO 9001:2008

### Supplied industries:

Machine industry, power generation, medical industry

### Main export markets:

Germany, France, Italy

Alu-Rock Limited is a family-owned private business manufacturing high quality castings since 1951. The company has 50 year's experience of meeting the demands of some of the world's largest industrial groups. Alu-Rock delivers your products with sophisticated services to save you time, effort and money.

### Our activities include:

- cooperation in developing new parts and tools
- production of casting tools based on drawings, models and 3D data
- modification of existing tools for production at Alu-Rock
- serial production of between 50 and 50,000 pieces even with sand- or cold-box cores
- abrasive vibration and belt grinding
- heat treatment, manual or mechanical straightening, surface treatment, powder coating
- traditional and CNC machining
- assembly, shrink-wrapping, packaging, stocking, forwarding

Please contact us and we will be happy to send you a quote to manufacture your products.



Zinkdruckguss - Nyomásmos öntés - zinc die-casting

## AlZink Castings Kft.

3300 Eger, Mátyás király út 165.

Phone: +36 36 37 38 39

Fax: +36 36 51 15 88

E-mail: [info@alzink.hu](mailto:info@alzink.hu)

Web: [www.alzink.hu](http://www.alzink.hu)

Managing Director: Dirk Jeners

Contact person: Csaba Bozsik

Languages: German, English

Phone: +36 36 37 38 39

E-mail: [csaba.bozsik@alzink.hu](mailto:csaba.bozsik@alzink.hu)

Year of establishment: 2005

No. of employees: 43

Turnover (2008): EUR 3.4 million

Export ratio: 84%

### Primary activities:

Casting – high-pressure zinc

Machining – drilling, boring

Electro-mechanical and mechanical assembling,

### Products:

Several different product components

### Volume:

Small series, medium series

### Quality certificates:

ISO 9001

### Supplied industries:

Automotive industry, machine industry

### Main references:

BOS, VALEO, SMR, ODW

### Main export markets:

Germany



AlZink provides all services related to zinc die-casting – from mould manufacture to assembly production. AlZink uses process-controlled and process-monitored automatic hot-chamber die-casting machines with a closing force of 5 tons to 200 tons (75-2,200 kN).



### AlZink offers the following machining stages and services:

- Thread cutting and threading moulds from M2 to M24 on automatic machines
- Special mechanical engineering for machining
- Turning and milling, including CNC-controlled automatic machining
- Cut deburring
- Assembly and production of assemblies
- Sandblasting and vibro-abrasion
- Appropriate packing



# Certa Kft.

3980 Sátoraljaújhely, Berecki utca 18-28.

Phone: +36 47 525 200

Fax: +36 47 525 222

E-mail: info@certa.hu

Web: www.certa.hu

Managing Director: Ludwig Rudnay

Contact person: Viktor Kálmán

Languages: English, German

Phone: +36 47 525 285

E-mail: viktor.kalman@certa.hu

Year of establishment: 2000 (1959)

No. of employees: 240

Turnover (2008): EUR 7.2 million

Export ratio: 50%

**Primary activities:**

Casting – gravity casting, non-ferrous metals, aluminium gravity casting, high-pressure zinc and aluminium casting  
Pressing – hydraulic presses  
Stamping  
Machining – CNC machining centres, CNC lathes  
Toolmaking  
Surface treatment

**Products:**

Tools, fasteners, gears

**Volume:**

Unique pieces, small series, medium series, large series

**Quality certificates:**

ISO 9001:2008; certification of space and aerospace compatibility is under way

**Supplied industries:**

Automotive industry, railway industry, power generation

**Main references:**

Roto, Festo, GE, BOSCH, Emerson, Honeywell, Faiveley



**Main export markets:**

EU, Germany, United Kingdom, Austria, Belgium, France, Poland, USA

Certa Kft. established in 2000 and employing around 260 people, is one of the largest industrial plants in Sátoraljaújhely. The production area is 14,300 m<sup>2</sup> and comprises the following departments:

- Zinc warm chamber die-casting (15 machines, locking force 5-400 tons)
- Aluminium cold chamber die-casting (1 vertical, 5 horizontal machines, locking force 180 to 420 tons)
- Hand power grinding (belt-grinding, disc-grinding machines); Vibrator power grinding
- Electro-plating (copper, nickel, chromium plating); Zinc plating; Chromate plating; Browning; Colour anodising; Powder coating; Machine cutting; Stamping; Mounting; Heat treatment; Tool engineering (2 CNC milling machines, wire-spark eroding machine, 2 spark eroding machines in addition to the traditional process machines)

The technologies above are used to produce locks, door and window fittings (handles, plates), mounted window handles, tool engineering, pressure casts

With the Pro/ENGINEER design system (six operating positions in a network) and CNC milling machines, we guarantee our customers the highest quality both in product development and tool engineering.



# CSABAcast Kft.

3032 Apc, Vasút utca 1.

Phone: +36 37 585 480

Fax: +36 37 385 172

E-mail: info@csabacast.hu

Web: www.csabacast.hu

Managing Director: Béla Majoros

Contact person: László Boronkay

Languages: German, English

Phone: +36 37 585 420

E-mail: laszlo.boronkay@csabacast.hu

Year of establishment: 2008

No. of employees: 200

Turnover (2008): EUR 13 million

Export ratio: 92%

**Primary activities:**

Casting – high-pressure aluminium  
Machining – machining centres, CNC lathe-turning  
Surface treatment – shot blasting  
Assembly – mechanical

**Products:**

Aluminium die-cast parts

**Volume:**

Medium series, large series, volume

**Quality certificates:**

ISO TS 16949, ISO 14001

**Supplied industries:**

Automotive industry, heating industry, electronic industry

**Main references:**

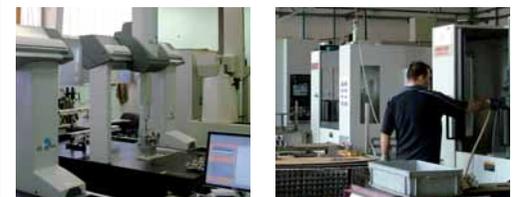
Audi AG, Volkswagen AG, Ford AG, BMW AG, Bosch Thermotechnik GmbH, Geräte-und Pumpenbau GmbH, Sputnik Engineering AG

**Main export markets:**

Germany, England, Switzerland



CSABAcast's main profile is aluminium die-casting and machining. We mainly supply the automotive industry, but also have business partners from other sectors. Our leading products are housings for water and oil pumps, differential gear covers and brackets for several purposes. We also deal with assembly and impregnation. Engineering is also among our core competences: We have the appropriate software and knowledge for tool design and professional project management and are able to receive any data via EDI and use SAP as a management programme.





## Csepel Metall Iron Foundry Kft.

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Web: [www.csepelmetall.hu](http://www.csepelmetall.hu)

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Contact person: Tamás Bartfai

Languages: English, German

Phone: +361 276 0043

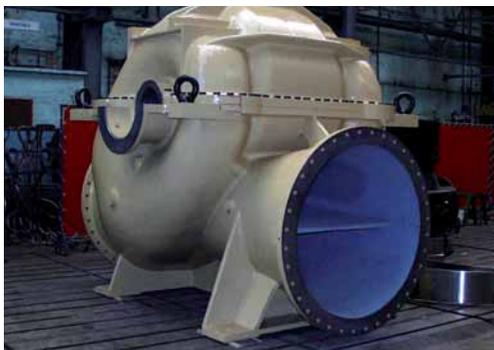
E-mail: [tamas.bartfai@csepelmetall.hu](mailto:tamas.bartfai@csepelmetall.hu)

Year of establishment: 1911

No. of employees: 140

Turnover (2008): EUR 10 million

Export ratio: 96%



### Primary activities:

Casting – gravity casting, ferrous metal, grey and nodular iron casting production  
grey iron, nodular iron castings  
Machining – machining centres at subcontractor sites, subcontractor for pattern making

### Products:

Grey and nodular iron castings  
Pump and compressor housing, pump parts  
Machine tool beds, machine parts



### Volume:

Annual volume approx. 5000 tons, unique parts or series.

### Quality certificates:

EN ISO 9001:2008

### Supplied industries:

Machine industry, water and wastewater management, petrochemicals, agricultural machinery, power generation, food industry

Main references: KSB AG, WFL GmbH, SPX-APV Inc., Clyde Union Ltd, Cargotec Corp.

### Main export markets:

Germany, Austria, UK, Finland

Csepel Metall Kft. is a market leader in Hungary for production of grey and nodular iron castings for engineering projects. Utilising three induction furnaces with a capacity of 8 tons each, our foundry is capable of producing 6,000 tonnes of castings annually. Csepel Metall Kft. specialises in producing castings of between 20 kg and 16,000 kg in small and medium-sized batches. Castings are manufactured using manual moulding technology and sand with a synthetic resin binder is used for the preparation of moulds and cores. Our foundry technology includes both manual and machine core-making (hot-box and croning).

### Material qualities produced meet the following standards:

EN-GJL200 to EN-GJL300 or ASTM (Grey iron)  
EN-GJS400 to EN-GJS700 or ASTM (Nodular iron)



## GRE-GA Foundry Ltd.

8152 Kőszárhegy, Iparterület HRSZ 55/9-10

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E-mail: [info@gre-ga.hu](mailto:info@gre-ga.hu)

Web: [www.gre-ga.hu](http://www.gre-ga.hu)

Managing Director: Péter Grega

Contact person: Péter Grega

Languages: English

Phone: +36 20 589 1665

E-mail: [info@gre-ga.hu](mailto:info@gre-ga.hu)

Year of establishment: 1999

No. of employees: 7

Export ratio: 25-30%



### Primary activities:

Casting – grey iron; gravity casting; ferrous metal, aluminium;

### Volume:

Prototypes, unique pieces, small series, medium series

### Supplied industries:

Machine industry



We serve our partners with grey iron and aluminium castings. Mainly our product range is characterized by machine parts, but we supply parts for products as diverse as ornament castings, fireplace parts, chill-moulds and medical equipment. Our castings can also be machined and heat or surface treated.

## Kühne Vasöntöde Kft

H-9200 Mosonmagyaróvár, Kühne Ede tér 2.

Phone: +36 96 213 315 / 213 055

Fax: +36 96 576 334

E-mail: vasontode@t-online.hu

Managing Director: Ferenc Molnár

Languages: German, English

Phone: +36 96 213 055 / 213 315

Year of establishment: 1994

No. of employees: 40

### Primary activities:

Casting – grey iron EN-GJL-150-250; MSZ EN 1561; gravity casting: aluminium EN AcAlSi12Mg, MSZ EN 1706; casting: EN-GJMB-300-6 MSZ EN 1562

### Volume:

Prototypes, unique pieces, medium series, large series

### Quality certificates:

in progress

### Supplied industries:

Automotive industry, machine industry, electro-industry

### Main export markets:

Austria, The Netherlands



## Magyarmet Finomöntöde Bt.

2060 Bicske, Kanizsai utca 12.

Phone: +36 22 566 310

Fax: +36 22 566 360

E-mail: info@magyarmet.hu

Web: www.magyarmet.com

Managing Director: Imre Győri

Contact person: Iliya Tzankov

Languages: English, German, Russian

Phone: +36 22 566 337

E-mail: i.tzankov@magyarmet.hu

Year of establishment: 1981

No. of employees: 150

Turnover (2008): EUR 7 million

Export ratio: 90%

### Primary activities:

Casting – lost wax casting  
Machining – machining centres, CNC lathe-turning, CNC milling, drilling  
Assembly – mechanical  
Surface treatment – plating, polishing, coating

### Products:

Fittings, investment castings, machined, assembled

### Volume:

Small series, medium series, large series, prototypes

### Quality certificates:

AS 9100/ ISO 9001:2000; ISO 14001:2004; ED 97/23/EC AD 2000 W 0; DB BN 918046; ISO 3834 Part 2 – Doc. I AB – 337, Doc. II W 338 Part 1

### Supplied industries:

Machine industry, petrochemicals, railway industry, power generation

### Main references:

Fristam Pumpen, GEMÜ, MTU, Schmidt+Clemens, GEA, Stephan, APV, Grundfos, ITT, CSF, Metso, John Crane, Georg Fischer, Emerson Process, Technocar, Nivelco

### Main export markets:

Germany, Finland, Switzerland, Austria, UK, France, Spain, Italy, Poland

Magyarmet (MM) is a precision investment foundry. By employing the lost wax process, the company casts parts in high-alloy steels (corrosion-, acid-, wear- and heat-resistant), bronze, Ni- and Co-based alloys. Maximum part weight is 35 kg. MM products find applications in various sectors of engineering, including power generation, processing, chemicals, petrochemicals and food, as well as in pumps and valves, instrumentation, filtration, packaging, railway and medical equipment, large engine production and architecture.



A Pro/ENGINEER CAD/CAM system enables electronic data exchange with clients and helps accelerate development of new parts, planning of wax injection tools and CNC machining. MM has experience in rapid prototyping, which, in combination with 3D modelling, contributes to the rapid realisation of urgent projects and initial samples. The foundry offers a wide range of services: consultation on castable alloys and designs, in-house heat treatment, and mechanical machining and assembly. Surface treatment (Zn-, Ni-, Cr-plating, pickling, electrolytic and mechanical polishing) is delivered with the help of highly experienced subcontractors.



# Nova Hungária Kft.

3023 Petőfibánya, Hatvani út 6.

Phone: +36 37 38 73 26

Fax: +36 37 58 70 56

E-mail: sales@novahungaria.hu

Web: www.novahungaria.hu

Managing Director: Dr. László Vigh

Languages: English, Russian

Phone: +36 37 38 73 26

E-mail: lvigh@novahungaria.hu

Year of establishment: 1993

No. of employees: 15

Turnover (2008): EUR 2.7 million

Export ratio: 95%

**Primary activities:**

Aluminium gravity die casting;  
Powder painting

**Products:**

Castings and aluminium garden furniture

**Volume:**

Unique pieces, small series, medium series,

**Quality certificates:**

ISO 9001

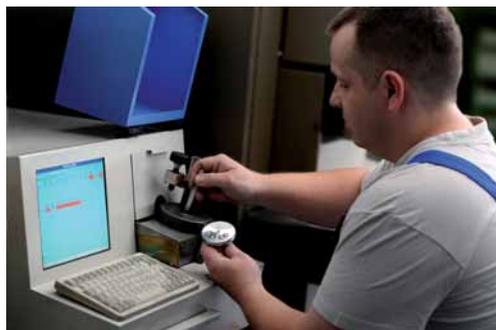
**Supplied industries:**

Machine industry, automotive industry, construction industry

**Main export markets:**

United Kingdom, Germany, France, Japan

Established 15 years ago, Nova's foundry employs advanced manual, mechanical and semi-automatic gravity die-casting techniques. If required, castings can be polished or painted on one of our two electrostatic paint lines and assembled and packed to customer specifications. Relatively small batch sizes can also be processed.



## Metal Technology in Hungary



# SHEET-METAL WORKING

Agrikon

Fastron

Ferzol

Fero-Kreatív

Fiteco

GMD

Hajdu Autotechnika

Hajdu Industrial

KVJ

L.HF

Metaltec 2001

Platt 2003

Rába

Romel

Várad Metal

Vilati

## Agrikon Alfa Kft.

6000 Kecskemét, Külső-Szegedi út 136.

Phone: +36 76 482 382

Fax: +36 76 481 101

E-mail: [agrikon@agrikon-alfa.hu](mailto:agrikon@agrikon-alfa.hu)

Web: [www.agrikon-alfa.hu](http://www.agrikon-alfa.hu)

Managing Director: József Szabó

Contact person: László Osváth

Languages: English

Phone: +36 76 503479

E-mail: [osvath.laszlo@agrikon-alfa.hu](mailto:osvath.laszlo@agrikon-alfa.hu)

Year of establishment: 1999

No. of employees: 95

Turnover (2008): EUR 12 million

Export ratio: 40%



### Primary activities:

welding – steel constructions, stainless steel  
Cutting – laser, sheet metal bending, tubes and sections  
Pressing – hydraulic presses  
Engineering design – product design

### Products:

Stainless steel catering and professional kitchen equipment  
Agricultural machine parts  
Customized constructional products



### Volume:

Unique pieces, small series, medium series, large series

### Quality certificates:

ISO 9001 (TÜV Rheinland)

### Supplied industries:

Machine industry, agricultural machines, construction industry, building engineering, catering installations, supermarket furniture

### Main references:

Hotels in Hungary: Four Seasons, Kempinsky, Ramada Resort, Radisson SAS Birdland Resort, Park Inn, Best Western, Hunguest Hotels, Danubius Hotels, Ibis

Hotels in the UK: Britannia Hotels

Restaurants: Symbol Budapest Cultural Centre, MOL Oil Co., Ford Motors, Utah, Siemens, Sony, Ericsson, Nokia, Budapest Zoo, Ferihegy Airport, Caola, Tunggram, Chino, Heinz, Denzo, Philips

Supermarket furniture: Metro, Interspar, Spar, Tesco, Auchan  
Agricultural machine parts: Kverneland Group

### Main export markets:

UK, The Netherlands, Austria, Germany, Bulgaria, Serbia, Greece, Romania, Morocco

Agrikon Alfa Kft. employs around 100 people. We have a workshop area of 6000 m<sup>2</sup> for normal steel and 3000 m<sup>2</sup> for stainless steel parts production, equipped with two Trumpf laser-cutting machines capable of cutting mild steel sheets with thickness up to 20 mm or stainless steel plates up to 8 mm, several CNC press brakes and shear blades, a C6 Finnpower turret punch press for thin plate nibbling, an NC oxygen cutting machine to cut mild steel sheets with thickness of up to 100 mm, two 130 ton CNC press brakes from Trumpf for bending steel sheets and numerous welding machines of various types for normal and stainless steel, as well as mechanical and hydraulic presses, saws, some capacity for turning, drilling and milling operations and a hydraulic tube bending machine.



## Fastron Hungaria Kft.

7130 Tolna, Gém utca 1.

Phone: +36 74 540 533

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E-mail: [hungary@fastrongroup.com](mailto:hungary@fastrongroup.com)

Web: [www.fastrongroup.com](http://www.fastrongroup.com)

Managing Director: Károly Mayer

Contact person: Péter Varga

Languages: German, English

Phone: +36 74 540 940

E-mail: [p.varga@fastrongroup.com](mailto:p.varga@fastrongroup.com)

Year of establishment: 1993

No. of employees: 425

Turnover (2008): EUR 20 million

Export ratio: 80%



### Primary activities:

Stamping – CNC punching and laser cutting  
Pressing – eccentric presses  
Cutting – CNC bending machines, MIG, TIG welding  
Assembly – mechanical, electro-mechanical  
Surface treatment – powder and wet painting

### Products:

single-sheet metal parts  
equipment housing boxes  
welded frames  
cabinets  
complete assembled units

### Volume:

Small and medium series

### Quality certificates:

ISO 9001:2008; ISO/TS16949:2004, ISO14001:2004

### Supplied industries:

Banking, printing, security industry (detection), telecommunications, medical, media and entertainment

### Main references:

Bosch, manroland, Philips Healthcare, NCR

### Main export markets:

Germany, Belgium, The Netherlands



FASTRON has expanded into a multinational group, with approximately 1500 employees. With additional manufacturing and marketing facilities to be found in USA, Malaysia and Hungary, the company has positioned itself well to serve customers around the world.

## Ferzol Kft.

2769 Tápiószőlős, Ceglédi utca 15.

Phone: +36 53 585 080

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E-mail: [info@ferzol.hu](mailto:info@ferzol.hu)

Web: [www.ferzol.hu](http://www.ferzol.hu)

Managing Director: Zoltán Bíró

Contact person: János Máté

Languages: English, German

Phone: +36 30 588 3000

E-mail: [janos.mate@ferzol.hu](mailto:janos.mate@ferzol.hu)

Year of establishment: 2000

No. of employees: 105

Turnover (2008): EUR 6 million

Export ratio: 70%



### Primary activities:

Cutting and bending – sheet-metal punching, sheet metal bending

Cutting – laser

Welding – spot welding – MIG, MAG, WIG (TIG)

Surface treatment – powder coating

Pressing – eccentric presses

### Products:

Sheet metal parts

### Volume:

Small series, medium series, large series

### Quality certificates:

ISO 9001



### Supplied industries:

Machine industry, electronics, telecommunications, household appliances

### Main export markets:

Europe

Ferzol is a sheet-metal parts supplier located in Hungary. Our products are used in refrigerators, electronics, cash machines and telecommunications technology throughout Europe. The company was founded in 1990 and now offers in-house engineering, flat-bed lasers, CNC punching, CNC bending, stamping, manual welding and powder coating.



## Fero-Kreatív Kft.

2145 Kerepes, Béke utca 3.

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Web: [fero-kreativ.hu](http://fero-kreativ.hu), [fero-kreativ.eu](http://fero-kreativ.eu)

Managing Director: Norbert Priegl

Contact person: Norbert Priegl

Languages: English, German

Phone: +36 20 919 1870

E-mail: [priegl.norbert@f-k.hu](mailto:priegl.norbert@f-k.hu)

Year of establishment: 2009

No. of employees: 36

Export ratio: 80%

### Primary activities:

Engineering design – product design

Casting – low-pressure zinc

Pressing – eccentric presses

Stamping

Surface treatment – painting on automated line

Machining – 5-axis CNC milling

Welding – spot-welding

### Products:

Fittings

Tools

Gears

### Volume:

Large series, small series, prototypes, unique pieces

### Quality certificates:

we work in accordance with ISO 9001

### Supplied industries:

Construction, machine industry, automotive industry, power generation

### Main references:

Gretsch Unitas, Kongsberg, Audi, TechniSat, Hutterer & Lechner, Ferco, Caterpillar, ECI Sro, Kokilla-Prec Kft., Alurock Kft., Fipkersz Kft., Bétaform Bt., IST Kft.

### Main export markets:

Germany

Our main business sectors: Production and sale of metal structures; production and sale of iron fastenings and metalware; manufacture of vehicle parts, heavy-duty machine parts and elevator parts; production of industrial devices and single-purpose machines; construction and production of industrial toolings; production, surface treatment and assembly of zinc pressure die-castings; manufacture of single-purpose short- and medium-run pressed, deep-drawn works and welded constructions.



### Our machines and equipment:

- Deep-drawing pressing machine (125 tons)
- Eccentric and mechanical presses (100-300 tons)
- Pneumatic riveting, single-purpose production line
- Planet-riveting machines
- Plate-sharing machines
- Hydraulic bending machines
- Protective-gas welding devices
- Spot- and projection-welding devices
- Drilling, milling and grinding machines, lathes
- Zinc pressure die-casting machines
- Pipe-bending equipment
- CNC workshop

## Fiteco Kft.

7100 Szekszárd, Rozsnyay Mátyás utca 20.

Phone: +36 74 311 566

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E-mail: [info@fiteco.hu](mailto:info@fiteco.hu)

Web: [www.fiteco.hu](http://www.fiteco.hu)

Managing Director: István Frei

Contact person: István Frei

Languages: German, English

Phone: +36 30 946 5509

E-mail: [frei.istvan@fiteco.hu](mailto:frei.istvan@fiteco.hu)

Year of establishment: 2007

No. of employees: 5

Turnover (2008): EUR 0.1 million

Export ratio: 20%

**Primary activities:**

Stamping

Cutting and bending – sheet-metal punching, CNC sheet metal processing

Sales of slow-motion sheet-metal stocks

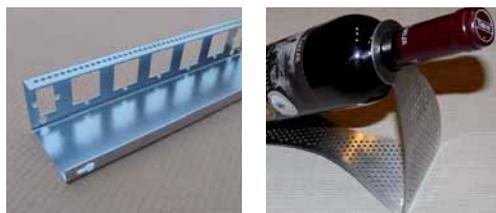
**Products:**

Sheet-metal parts

**Volume:**

Small series, medium series, unique pieces

# fiteco

**Supplied industries:**

Machine industry, automotive industry

**Main references:**

Celcab Kft., Cabero Kft., Alkotás Kft.

**Main export markets:**

Germany

Fiteco Kft. was established in Szekszárd in 2007 and specialises in finishing and sales of special sheet materials and precision sheet-processing. Over the past 15 years, we have gained considerable experience in managing the establishment and operation of the ISO 14001 Environment-Controlling System, of the SO 9001 Quality-Control System and of ERP systems. On the technical side, we have also built special press lines, operated Trumpf turret presses, and established a CNC bending and laser-working centre, for general sheet-processing technologies. We have also developed a network of international sources for sheet materials.

Our references in the automotive industry show that despite the relative youth of our company, we already boast outstanding quality-consciousness and experience.

# GMD

HUNGARY

## GMD Hungary Kft.

2840 Oroszlány, Mester út 1.

Phone: +36 34 560 260

Fax: +36 34 560 264

E-mail: [info@gmd.hu](mailto:info@gmd.hu)

Web: [www.groupe-gmd.fr](http://www.groupe-gmd.fr)

Managing Director: Robert Kapitány

Contact person: Robert Kapitány

Languages: English

Phone: +36 34 560 260

E-mail: [robert.kapitany@gmd.hu](mailto:robert.kapitany@gmd.hu)

Year of establishment: 1999

No. of employees: 50

Turnover (2008): EUR 4 million

Export ratio: 90%

**Primary activities:**

Pressing – eccentric presses, hydraulic presses

Stamping

Welding – spot

Mechanical assembling

**Products:**

Mechanical (steel, copper and aluminium) components

Electro-mechanical components

**Volume:**

Small series, medium series, large series

**Quality certificates:**

ISO 9001:2008, ISO/TS 16949:2002

**Supplied industries:**

Automotive industry, electro-mechanical industries, machine industry

**Main references:**

Electro-mechanical & automotive components from steel, copper and aluminium.

**Main export markets:**

France, Romania, Poland, Czech Republic



GMD Hungary is based 60 km from Budapest and specialises in the transformation of sheet metal by stamping and deep drawing. Our factory is owned by the French group GMD with 40 plants all over Europe, China, India and Tunisia. We predominantly supply the automotive and electronics industries.

**Our main activities:**

- Stamping high value-added parts on automatic and manual presses (up to 350 tons)
- Mechanical assembly and sub-assembly, also of individual units, including welding and riveting
- Finishing: manual stamping, tapping, flattening, degreasing and various surface treatments (Zn, ZnNi, KTL, and powder painting via subcontractors).

## Hajdu Autotechnika Zrt.

4243 Téglás, Küllerület 0135/32 hrsz.

Phone: +36 52 582 700

Fax: +36 52 384 705

E-mail: [info@hajduautort.hu](mailto:info@hajduautort.hu)

Web: [www.hajduautort.hu](http://www.hajduautort.hu)

Managing Director: Anna Novotni Dede

Contact person: József Harsányi

Languages: English

Phone: +36 52 582 773

E-mail: [harsanyi.jozsef@hajduautort.hu](mailto:harsanyi.jozsef@hajduautort.hu)

Year of establishment: 2005 (parent company: 1952)

No. of employees: 100

Turnover (2008): EUR 13 million

Export ratio: 10%



### Primary activities:

Tools – for pressing and cutting sheet metal  
Pressing – hydraulic presses, eccentric presses, deep-drawing presses  
Welding – spot

### Semi-finished products:

sheet metal, sheet-metal formed parts

### Products:

Tool design, manufacturing and maintenance

### Volume:

Prototypes, unique pieces, small series, medium series



Hajdu Autotechnika



### Quality certificates:

ISO/TS 16949 (automotive activity); ISO 9001, (tool design, manufacturing, maintenance); ISO 14001

### Supplied industries:

Automotive industry, machine industry, construction industry

### Main references:

Emcon Technologies, MTA, Rába, Daimler, IMTEF, Pridgeon & Clay, P.C.M., Grundfos, Modine, Phoenix, Con-titech GmbH.

### Main export markets:

OEM customers of our clients (e.g. Mercedes, Volvo, Ferrari, BMW, Volvo, Fiat, PSA, Jaguar, Land Rover, etc.)

HAJDU Autotechnika Zrt. is engaged in the production of manufacturing tools and components, primarily for the vehicle industry. Our 4,200 square meter manufacturing facility operates around the clock, supported by a 2,000 square meter tool workshop.

Our product range comprises almost 1,000 component types and can be grouped into four main categories: exhaust system components (shell, pipe and manifold sheet metal components); seat-back components (seat-backs, stiffeners); smaller bodywork elements (stiffeners, connectors); double-sheet (die-stamped, perforated, angle-cut components).

HAJDU also manufactures pump components (base plates, fan housings), various components fabricated from sheet metal and custom sheet metal products cut to size.



## HAJDU Industrial Zrt.

4243 Téglás, Küllerület 0135/9

Phone: +36 52 582 700

Fax: +36 52 384 126

E-mail: [hajdu@hajdurt.hu](mailto:hajdu@hajdurt.hu)

Web: [www.hajdurt.hu](http://www.hajdurt.hu)

Managing Director: Mrs. Anna Novotni Dede

Contact person: Mr. Tamás Farkas

Languages: English

Phone: +36 52 582 774

E-mail: [farkas.tamas@hajdurt.hu](mailto:farkas.tamas@hajdurt.hu)

Year of establishment: 1952

No. of employees: cca. 500

Turnover (2008): EUR 40 million

Export ratio: 55%

### Primary activities:

Metal sheet forming (cutting, pressing, stamping, deep drawing)  
Welding (automatic lines, manual workplaces)  
Surface treatment (shoot blasting, washing, degreasing, enamelling, powder painting)  
Assembling (four lines)  
Tool design manufacturing, maintenance

### Products:

Metal tanks, hot water tanks, water heaters, solar heating systems, spin dryers, washing machines, components

### Volume:

Small series, medium series, large series, volume

### Quality certificates:

ISO 9001:2000, ISO 14001

### Supplied industries:

Machine industry, automotive industry

### Main references:

Vaillant, Daikin, Swissterm, Arena

### Main export markets:

Germany, France, Belgium, Spain, Switzerland, Finland



The company's legal predecessor, Hajdúsági Iparművek was established 1952 and has produced household goods since 1957. Its product range and exports have gradually expanded ever since. Through a strategy of in-house product development, acquisition of licenses and adapting manufacturing equipment to new products, the company had grown into a mid-sized company by the 1980s. Today, the company's key products are hot water tanks and heaters, solar heating systems and household appliances with electrical motors, including washing machines and spin dryers.

## KVJ Művek Zrt.

2421 Nagyvenyim, KVJ Művek utca 2.

Phone: +36 25 259 450

Fax: +36 25 259 442

E-mail: kvj@kvjmuvek.hu

Web: www.kvjmuvek.hu

Managing Director: Dr. Norbert Kiss

Contact person: Zoltán Naszádos

Languages: English, German

Phone: +36 25 259 450 Ext. 202

E-mail: z.naszados@kvjmuvek.hu

Year of establishment: 1993

No. of employees: 235

Turnover (2008): EUR 14.8 million

**Primary activities:**

Pressing – hydraulic and eccentric presses  
Stamping  
Spot welding, MIG, MAG, WIG (TIG), robot welding

**Products:**

Stamped steel parts, and welded assemblies, Storage products boxes, containers, racks; AWAB fasteners

**Volume:**

Medium series, small series, large series

**Quality certificates:**

ISO TS 16949; ISO 9001; ISO14001

**Supplied industries:**

Automotive industry

**Main references:**

SUZUKI Corp.

KVJ Művek was established in 1993 and produces stamped parts for Hungarian Suzuki. The company has expanded its production every year since, growing into



the largest Hungarian-owned supplier to the Magyar Suzuki Corporation. In line with our customers' growing needs, the company is increasing its capacity further and developing into new areas. It now has a press shop of 36 pressing machines and a welding shop of 24 spot welding machines and 3 arc welding robots. We are capable of producing simple pressed parts, deep-drawn parts, and spot- and arc-welded assemblies. With the involvement of companies belonging to the Videoton Group, KVJ is also able to produce powder-painted and electroplated parts.



## L.HF Fémmegmunkáló Kft.

3332 Sirok, Liszkóvölgy

Phone: +36 36 361 029

Fax: +36 36 361 029

E-mail: info@lhf.hu

Web: www.lhf.hu

Managing Director: Csaba Tajti

Contact person: Ákos Tajti

Languages: English

Phone: +36 20 475 4100

E-mail: akos.tajti@lhf.hu

Year of establishment: 1994

No. of employees: 8

Turnover (2008): EUR 1 million

Export ratio: 8%

**Primary activities:**

Forging – aluminum impact extrusions  
Pressing – eccentric presses, deep drawing presses, crank presses

**Products:**

Fittings, fasteners

**Volume:**

Small series, medium series, large series

**Quality certificates:**

ISO 9001:2000

**Supplied industries:**

Automotive industry, machine industry, construction industry

**Main references:**

FESTO, Visteon, MIT, BROOKS

**Main export markets:**

Ireland, Germany

L.HF specialises in a range of cold-forming technologies, most importantly impact extrusion, as well as engaging in more conventional pressing operations. Materials most commonly used include various aluminium alloys, copper and steel. L.HF's main products include custom-designed aluminium components, technical parts, capacitor casings, housings, shields, pyrotechnic components, caps, cups, enclosures and electrical components.



## MetalTec 2001 Kft.

8161 Ősi, Ipar utca 2.

Phone: +36 88 588 450

Fax: +36 88 496 149

E-mail: [mtecmonus@mtecmonus.hu](mailto:mtecmonus@mtecmonus.hu)

Web: [www.mtecmonus.hu](http://www.mtecmonus.hu)

Managing Director: Gyula Mónus

Contact person: Gyula Mónus

Languages: German

Phone: +36 88 588 450

E-mail: [mtecmonus@mtecmonus.hu](mailto:mtecmonus@mtecmonus.hu)

Year of establishment: 2001

No. of employees: 34

Turnover (2008): EUR 1.1 million

Export ratio 40%



### Primary activities:

Pressing – hydraulic, eccentric, transfer presses, pressing line, deep-drawing presses  
Stamping  
Welding – MIG, MAG, WIG (TIG)

### Products:

Tools, fittings



### Volume:

Prototypes, medium series, large series

### Quality certificates:

ISO 9001/2008

### Supplied industries:

Machine industry, automotive industry

### Main references:

MTD Hungary Kft, SAPA Profile Kft., ROTO ELZETT CERTA Kft., Erbslöh Hungaria Kft., PAKOLE Kft., ILCON GmbH, WIDOS GmbH, AREVA GmbH, BTE GmbH

### Main export markets:

Germany

Primarily through the management's existing ties to Germany, Meta Tex 2001 was formed to establish a production plant to satisfy both the quality and quantity requirements of the automotive industry. The company is also active in the manufacture of high-voltage and sanitary equipment, as well as deep-drawn and stamped parts.



## PLATT 2003 Kft.

3324 Felsőtárkány, Berva Ipartelep 2411 Hrsz.

Phone: +36 36 531 033

Fax: +36 36 531 034

E-mail: [virag.laszlo@platt.hu](mailto:virag.laszlo@platt.hu)

Web: [www.platt.hu](http://www.platt.hu)

Managing Director: Laszlo Virag

Contact person: Karoly Rohonczi

Languages: German

Phone: +36 36 531 033 or mobile +36 30 466 0688

E-mail: [office@platt.hu](mailto:office@platt.hu)

Year of establishment: 2003

No. of employees: 42

Turnover (2008): EUR 2.7 million

Export ratio: 88%

### Primary activities:

Cutting, bending, sheet metal punching  
Laser and plasma cutting  
Welding – steel constructions

### Products:

Fittings

### Volume:

Small series, medium series

### Quality certificates:

MSZ EN ISO 9001:2001

### Supplied industries:

Machine industry

### Main references:

Wacker Neuson Linz GmbH., Neuson Hydrotec GmbH., Neuson Ecotec GmbH., Ökofen Forschungs- und Entwicklungs GmbH., Solarfocus GmbH., Kühler GmbH., Schmid Metallbearbeitung GmbH.,

### Main export markets:

Austria, Germany



Platt 2003, a family-owned Hungarian company established in 2003, first appeared on the European market in 2005, producing plate parts mainly for the German and Austrian markets. Platt 2003 specialises in the fabrication of welded units, plate components and furnaces.

### Available equipment and technologies:

- CNC-controlled laser cutting machine (LVD product, maximum plate thickness: 16 mm, maximum board size: 1500mm x 3000mm)

- HPR260 plasma cutter (6m x 2m table size, maximum plate thickness: 45mm)
- CNC-controlled press brake (Amada product, 3000mm bending length, 100 ton bending force)
- CNC-controlled press brake (Mengele product, 1250mm bending length, 80 ton bending force)
- NC-controlled plate rolling machine (Imcar product, maximum plate width: 1000 mm, maximum plate thickness: 3 mm)
- NC-controlled plate rolling machine (Sahinler product, maximum plate width: 2000 mm, maximum plate thickness: 6 mm)
- MIG-MAG, TIG and Pulse torches for complex welding processes
- Suitability for the fabrication of low-weight steel machinery (max. 2 tons)
- Electrostatic powder paint shop including iron-phosphate-based pre-handler (suitable for painting pieces with a maximum size of 7.2m x 2m x 1m)

A new generation TruLaser3030 NEU laser cutting machine with a 5kW laser source will be operational from March 2010.

## Rába Automotive Components Kft.

H-8060 Mór, Ipartelep (P.O. Box 47.)

Phone: +36 22 577 501

Fax: +36 22 577 595

E-mail: mor@raba.hu

Web: www.raba.hu

Managing Director: László Urbányi

Contact person: György Pekár

Language: English

Phone: +36 22 577 607

E-mail: gyorgy.pekar@raba.hu

Year of establishment: 2001

No. of employees: 823

Turnover (2008): EUR 65 million

Export ratio: 25%



### Primary activities:

Stamping – hydraulic presses, eccentric presses  
Machining- grinding, drilling, boring, machining centres,  
5-axis CNC milling, lathe-turning , CNC milling  
Welding- spot, robot welding, MIG, MAG, WIG (TIG)  
Surface treatment – painting (KTL)  
Assembly – mechanical

### Products:

Seat frames, trims, seat and seat parts for commercial vehicle (railway, bus, trams), vehicle axles components, cars and engine components



### Volume:

Medium series, large series

### Quality certificates:

ISO/TS 16949:2002, ISO 9001:2008, ISO 14001:2004, OHSAS 18001

### Supplied industries:

Automotive industry, commercial vehicles

### Main references:

Magyar Suzuki, Magyar Toyo Seat, Denso, NAF GmbH, Lear Corp., ISE GmbH, Sears Seating, NABI, Remarul, Bombardier, Kravtex Kft., Deutz, Hammerstein GmbH

### Main export markets:

Germany, UK, Romania

Rába Automotive Components Manufacturing Kft. has extensive experience in the production of seats for cars and commercial vehicles, as well as seat parts and other car components. The business unit is a recognised supplier to the Central European automotive industry.

### Mór plant:

- Stamping
- Manual and robot welding (robot welding cells and 3D spot welder robot, production of seat frames and metal components)
- Tube forming
- Cutting (fabric, art. leather)
- Sewing (seat trims)
- Upholstering
- Cataphoretic painting

### Sárvár plant

- Machining (NC and CNC machining, primarily of steel, drawn or rolled steel bars, grey cast iron or forged steel and spheroidal graphite iron)
- Heat treatment
- Assembly

**ROMEL**  
Mechanikai és Elektronikai Kft.

## ROMEL Kft.

9625 Gór, Hegyalja u. 2.

Plant: 2085 Pilisvörösvár, Ady E.u.1.

Phone: +36 26 330 155

Fax: +36 26 330 309

E-mail: romel@romel.hu

Web: www.romel.hu

Managing Director: Márton Gemela

Contact person: Márton Gemela

Languages: German

Phone: +3630 445 0757

E-mail: marton.gemela@romel.hu

Year of establishment: 1990

No. of employees: 65

Turnover (2008): EUR 4 million

Export ratio: 57%

### Primary activities:

Pressing – hydraulic presses  
Stamping  
Machining – CNC lathe-turning  
Cutting – laser  
Cutting and bending – sheet metal bending  
Welding – steel constructions  
Assembly – mechanical

### Quality certificates:

ISO 9001:2000

### Supplied industries:

Machine industry, paper industry, food industry, medical engineering, store systems

### Main references:

Konrad Knoblauch GmbH (DE), Componenti Grafici srl (IT), O.M.G. Cerutti spa (IT), Mettler-Toledo (GB), Ulma Packaging (ES), TEC Parts (CH), DIATRON M.I.Zrt (HU)

### Main export markets:

Spain, Italy, Great Britain, Switzerland, Austria, Germany



Romel Kft. is a certified Hungarian manufacturer of metal parts. Its strengths lie in the small or medium series manufacture of products with major variations. The company operates in a spirit of flexibility and reliability, predominantly providing CNC laser cutting, stamping, CNC bending, CNC turning, welding and assembly services. The scale of the company's operations, quality of its workforce and the complexity of the equipment at its disposal allows it to operate with a complete backup unit of men and machinery. Romel Kft. mainly delivers EXW, DDU or DDP as requested by its customers.



## Váradi Metal Kft.

7020 Dunaföldvár, Paksi u. 73.

Phone: +36 75 541 077

Fax: +36 75 541 078

E-mail: [revi@t-online.hu](mailto:revi@t-online.hu)

Web: [www.varadi.hu](http://www.varadi.hu)

Managing Director: Gábor Váradi

Contact person: Erika Csányi

Languages: German, English

Phone: +36 75 541 077

E-mail: [revi@t-online.hu](mailto:revi@t-online.hu)

Year of establishment: 1993

No. of employees: 100

Turnover (2008): EUR 4.2 million

Export ratio: 80%

### Primary activities:

Cutting – laser  
 Stamping  
 Cutting and bending – CNC, tubes and sections, sheet metal punching, bending  
 Welding – point welding, MIG, MAG, WIG

### Products:

Finished and semi-finished steel products



## Vilati Gyártó Kft.

3300 Eger, Faiskola út 9.

Phone: +36 36 511 841

Fax: +36 36 511 843

E-mail: [vilatieger@vilati.com](mailto:vilatieger@vilati.com)

Web: [www.vilati.com](http://www.vilati.com)

Managing Director: János Terdik

Contact person: Zsolt Hancsárik

Languages: English, German

Phone: +36 36 511 852

E-mail: [hancsarikzs@vilati.com](mailto:hancsarikzs@vilati.com)

Year of establishment: 2002

No. of employees: 150

Turnover (2008): EUR 8 million

Export ratio: 90%

### Volume:

Small series, medium series, large series, prototypes

### Quality certificates:

ISO 9001, EN 15085-2 CL 1

### Supplied industries:

Machine industry, automotive industry, railway industry

### Main export markets:

Germany, Austria, Switzerland, Netherlands,

Váradi Metal Kft. has manufactured durable, high-quality metal products using the latest technology for over 10 years. Váradi Metal currently employs approximately 110 people and manufactures on three sites. Approximately 80% of its annual income is generated by exports and its machinery for plate preparation is highly developed.

### Available processes:

- Laser cutting (2D and 3D):
  - at quality ST up to 20mm thickness
  - stainless material up to 15mm in thickness
  - aluminium up to 10mm thickness
  - laser cutting of pipes and profiles
  - contour cutting of drawing details
- Edge bending:
  - Pressing power 40,260 tons
  - Flexible length 3.6m
- Nibbling:
  - Up to 8mm thickness
- MIG-MAG and WIG welding
- Robot welding
- Point-welding works
- General metalworking
- Manufacturing plate constructions (from 0.5 mm up to 8 mm plate thickness)
- Assembling partial sections
- Processing of steel sheets, stainless materials and aluminium sheets
- Powder painting
- Solvent painting



### Primary activities:

Cutting – laser, punching  
 Bending – sheet metal bending  
 Machining – grinding  
 Welding – aluminum, stainless and carbon steel  
 Surface treatment – galvanizing (zinc plating), powdercoating  
 Assembly – mechanical, electric

### Products:

Metal tanks, electric switch boards, control panels, aggregate cabinets, air ducting channels

### Volume:

Large series, medium series, small series, prototypes

### Quality certificates:

ISO 9100, DIN 6700 C2, EN 3834-2

### Supplied industries:

Railway industry

### Main references:

Liebherr Transportation System GmbH, Bombardier Transportation GmbH, Schneider Italy, Knorr Bremse Group

### Main export markets:

Germany, Austria

Vilati Gyártó Kft. is a Hungarian privately owned enterprise with 160-180 staff and annual net sales of between HUF 1.6 billion and 2 billion (EUR 6-7.5 million). The company specialises in sheet cutting, edge bending, welding (carbon steel, stainless steel and aluminium welding), painting and surface treatment, as well as mechanical and electrical assembly.



Vilati's customers, prominent assembly plants connected to well-known brand names in the railway and automotive industries, demand consistent, outstanding quality combined with competitive prices and timely delivery.

Vilati Gyártó Kft. is constantly expanding its capacity. It pays particular attention to the quality of products shipped to its clients and its key goal is to remain a stable partner in its customers' supply chains.



**Metal Technology  
in Hungary**



## **MACHINING**

**Brunner**

**Dendrit**

**Go-Metall**

**Gravitas 2000**

**Holes**

**Julius-Globe**

**KLS Hungary**

**Metall-Techno**

**Niflex**

**Opció**

**Öntvill-Ker**

**Perametal**

**Rekard**

**Saffron**

**TGI-Q**

**Toolstyle**

**Top Holding**

**VT Metal**

## Brunner Fémmegmunkáló Kft.

2220 Vecsés, Vigyázó Ferenc utca 4.

Phone: +36 29 350 433

Fax: +36 29 352 485

E-mail: [info@brunner.hu](mailto:info@brunner.hu)

Web: [www.brunner.hu](http://www.brunner.hu)

Managing Director: Mónika Brunner, Attila Ormos

Contact person: Mónika Brunner, Attila Ormos

Phone: +36 30 9503 813

E-mail: [info@brunner.hu](mailto:info@brunner.hu)

Languages: German

Year of establishment: 1994

No. of employees: 45

Turnover (2008): EUR 1.2 million

Export ratio: 75%

### Primary activities:

Machining – machining centres, standard and CNC lathe-turning, milling, grinding, drilling, boring; cutting – saw, CNC flame, plasma; planing, sheet-metal bending;

Welding – MIG, MAG, WIG (TIG), aluminium, stainless steel, steel structures

Surface treatment – outsourced, except manual painting; heat treatment – outsourced Mechanical assembling



### Products:

Fittings, custom machines, gears

### Volume:

Prototypes, unique pieces, small series, volume production



### Quality certificates:

EN ISO 9001:2000, EN ISO 14001:2004, EN ISO 3834-2:2006

### Supplied industries:

Machine industry, railway industry, rubber industry, theatre technology, steel products

### Main references:

Barabás Mérnökiroda Kft., KGYV Kft, Polaritás GM Kft, Bosch-Rexroth Kft, Contitech Rubber Gummiindustria Kft, Michelin Hungária Kft, RT Engineering GmbH, VAE Eisenbahnsystem GmbH, Systec GmbH, Drossbach GmbH, Contec GmbH

### Main export markets:

Austria, Germany, Italy

The company was founded by Mr. Ferenc Brunner in 1982 and has operated as a family enterprise ever since, currently employing 50 people. Our main focus is the manufacture and planning of non-series machines and equipment for several fields of industry. Our 10,000 m<sup>2</sup> plant comprises a CNC and a traditional machining workshop with grinders, toolmakers and cutters, as well as a preventive maintenance hall and metal grain spreading and painting cabins. The precise manufacturing of unique machines to the highest quality standards is made possible by the high level of professional knowledge of our engineers, technicians and skilled workers. This reflects our company's continuous dedication to training young people starting out their careers and furthering the education of our more experienced staff.

## Dendrit Kft.



### Primary activities:

Pressing – hydraulic presses

Machining – machining centres, CNC lathe-turning, milling and grinding

Cutting and bending – plasma, sheet metal bending

Engineering design – product design

Welding – MIG, MAG, WIG (TIG)

Tools – for machining, pressing and cutting sheet metal

### Products:

Tools

### Volume:

Custom items, small and large batches

### Quality certificates:

ISO 9001, AS9100

### Supplied industries:

Automotive industry, aerospace, power generation

### Main references:

GE Hungary, Taiho, Bosal-Oris, Teva

### Main export markets:

France, Italy, USA

1135 Budapest, Reitter Ferenc utca 42.

Phone: +36 1 350 8474

Fax: +36 1 350 8654

E-mail: [dendrit@t-online.hu](mailto:dendrit@t-online.hu)

Web: [www.dendrit.hu](http://www.dendrit.hu)

Managing Director: József Balogh

Contact person: Zsuzsanna Rádóczi

Languages: English

Phone: +36 30 620 6491

E-mail: [zsuzsa.radoczi@dendrit.hu](mailto:zsuzsa.radoczi@dendrit.hu)

Year of establishment: 1991

No. of employees: 40

Turnover (2008): EUR 2 million

Dendrit Kft. was established in 1990. Since then, we have developed the resources, skills and inventory to satisfy the process industry's demanding needs – from the first step of engineering to serial production. Our range of activities is widening continuously to meet market demands. The customers we supply are satisfied with the quality of our production and our services thanks to our state-of-the-art equipment and highly experienced staff. In 1997, the company's quality systems earned ISO 9001:2001 certification and 2009 EN 9100 compliance was also subsequently achieved.

At present, we employ 40 people, but our workforce is steadily increasing in response to ongoing developments. Production takes place on an area of 1200 m<sup>2</sup> in Budapest and 400 m<sup>2</sup> in Veresegyház. We have acquired extensive experience in manufacturing tools for general production in the fields of pressing, milling, cutting and crimping. A highly qualified and experienced technical team and state-of-the-art machinery and equipment combine with our quality assurance system to guarantee our customers' satisfaction both domestically and outside Hungary.

## Go-Metall Kft.

1211 Budapest, Acélcső utca 1-17.  
 Phone: +36 1 278 2266, +36 1 278 2267  
 Fax: +36 1 278 2266, +36 1 278 2267  
 E-mail: gometall@t-online.hu  
 Web: www.go-metall.hu  
 Managing Director: József Bánhegyi  
 Contact person: Márta Nagy  
 Languages: German, English  
 Phone: +36-1 278-2266, + 36-1 278-2267  
 E-mail: gometall@t-online.hu  
 Year of establishment: 1990  
 No. of employees: 30  
 Turnover (2008): EUR 1.24 million  
 Export ratio: 53%

### Primary activities:

Machining – machining centres, standard and CNC lathe-turning, milling, drilling, boring  
 Assembly – mechanical

### Other activities:

carousel turning, planing, thread cutting

### Outsourced processes:

painting, surface treatment, heat-treatment, sand-blasting, cutting (oxygen, laser, plasma), toothing, grinding, pressure-test, other material testing

### Products:

Pump bodies, crank cases, gearboxes, bearing housings, bearing caps, connecting rods, crossheads and machine beds, headstocks, components for machine tools and compressors

### Volume:

Typical batch sizes – Elements weighing several hundred kgs, e.g. housing: 5-10 pieces; Smaller parts weighing 10-50 kgs: 30-50 pieces



### Quality certificates:

MSZ EN ISO 9001:2001

### Supplied industries:

Machine industry, power generation, food industry, machine tools

### Main references:

APV, an SPX Brand, Denmark, Germany and USA; Cargotec Sweden AB – MacGregor Bulk, Sweden; HST Maschinenbau GmbH, BOS Homogenisers B.V., The Netherlands; Ateliers Francois SA, Belgium; SPIETH Gymnastic GmbH, Germany; Excel Csepel Machine Tools Kft., Hungary; Siemens Power Generation, Hungary; Datacon Hungary Kft., Hungary

### Main export markets:

Germany, Sweden, The Netherlands, Belgium, Austria, USA

Most of our products are used in machine tool manufacturing, compressor construction and machine manufacturing for the foodstuffs industry. We produce custom machine parts based on customer drawings. As a main contractor, Go-Metall is able to undertake production from pattern-making to delivery of completely machined and mounted products. Rough machining and finished machining of castings (grey iron castings: EN-GJL-200 (GG20), EN-GJL-250 (GG25), EN-GJL-300 (GG30); ductile iron castings: EN-GJS-400-15 (GGG40), EN-GJS-500-7 (GGG50), EN-GJS-600-3 (GGG60); steel and aluminium castings; casting weight from 5 kg to 5,000 kg) The company also manufactures and assembles small size steel constructions and is specialized in the production of large-size pieces in small series.



## Gravitás 2000 Kft.

1139, Budapest, Lomb utca 31/C  
 Phone: +36 1 350 8851  
 Fax: +36 1 329 5425  
 E-mail: gravitas@gravitas.hu  
 Web: www.gravitas.hu  
 Managing Director: Lajos Hajagos  
 Contact person: Dr. Sándor Markos  
 Languages: English  
 Phone: +36 1 350 8851  
 E-mail: sandor.markos@gravitas.hu  
 Year of establishment: 1993  
 No. of employees: 90  
 Turnover (2008): EUR 5 million  
 Exports: EUR 4 million

### Primary activities:

Machining – CNC and 5-axis CNC milling, electro-erosion  
 Assembly – mechanical  
 Engineering design – 3D planning

### Products:

precision parts for machines  
 mould and die tools, tool elements  
 prototypes

### Volume:

Small series, prototypes

### Quality certificates:

ISO 9001:2000, TÜV Bayern, ISO 14001:2005 CERTOP  
 ISO 13485:2003, AS 9100, SGS

### Supplied industries:

Medical, automotive and aerospace industry, tooling

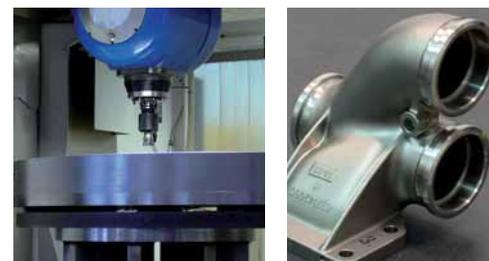
### Main references:

Elekta, Ikarus Engineering, Tooling Component & Design, TYCO, FCI, GE Medical

### Main export markets:

England, Sweden, Germany

Gravitás 2000 Kft. is a 100% Hungarian-owned limited company specialising in machine parts and tool production. The company pursues high-quality in design and manufacturing and precision in the delivery phase. Its highly educated and experienced engineers and skilled workers guarantee faultless realisation of complex



manufacturing tasks. The CAD/CAM systems installed in our engineering office and the PPS system are tightly integrated to ensure precise realisation of projects. Complex manufacturing tasks are supported by a combination of computer-aided design, multi-axis machining, HSC and hard milling, high precision CNC turning, spark erosion and grinding. The production process is controlled by a computer system, and supported by ISO 9001:2000, ISO 14001: 2005 and ISO 13485:2008 certified integrated quality assurance systems. The manufacturing environment is developing continuously, with the addition of new procedures, more efficient tooling and machining equipment, and up-to-date CNC machine tools helping further the business success of the company.



## Holes Kft.

1047 Budapest, Attila utca 46.

Phone: +36 1 231 0338

Fax: +36 1 370 9091

E-mail: [info@holes.hu](mailto:info@holes.hu)

Web: [www.holes.hu](http://www.holes.hu)

Managing Director: Mr. Gábor Holes

Contact person: Mr. Gábor Holes

Languages: German

Phone: +36 1 2310338

E-mail: [gabor@holes.hu](mailto:gabor@holes.hu)

Year of establishment: 1991

No. of employees: 17

Turnover (2008): EUR 1.43 million

Export ratio: 8%



### Primary activities:

Machining – standard and CNC milling, standard and CNC lathe-turning

Semi-finished products: rods, sheets, tubes

### Products:

Gears

Fittings

### Volume:

Small, medium and large series, prototypes



### Quality certificates:

ISO 9001:2000

### Supplied industries:

Machine industry, automotive industry, railway industry

### Main references:

GE, Philips, Knorr-Bremse, CERN, Claas Hungaria, Bosch Packing Systeme AG

### Main export markets:

EU, Switzerland

Our main objective is to recognise the needs of our clients and provide them with state-of-the-art solutions, products and excellent technical support. We specialise in CNC machining of parts from engineering plastics for specialised component and standardised production series. Our production workflow enables us to receive 2D and 3D models or drawings from a variety of CAD systems and enables us to create CAM programmes for the required machining processes while decreasing risk of error and shortening lead times. Our commitment to delivering reliability, efficiency and superior quality to our customers is demonstrated by DIN EN ISO 9001:2000 quality assurance certification approved by DEKRA, Germany.

JULIUS  
GLOBE  
KÉMÉKÉLM. É. FÉRMÉKŐYARTÓ KFT.

## Julius-Globe Kft.

H-9081 Győrújbarát, István utca 178.

Phone: +36 96 543 281

Fax: +36 96 355 161

E-mail: [erika.racz@jglobe.hu](mailto:erika.racz@jglobe.hu)

Web: [www.jglobe.hu](http://www.jglobe.hu)

Managing Director: Gyula Racz

Contact person: Erika Racz

Languages: German, English

Phone: +36 20 249 6979

E-mail: [erika.racz@jglobe.hu](mailto:erika.racz@jglobe.hu)

Year of establishment: 1998

No. of employees: 50

Turnover (2008): EUR 3.5 million

Export ratio: 50%



### Primary activities:

CNC Machining – milling (3-5 axis), turning, grinding  
Engineering design (CAD/CAM system) – 3D planning, product design

### Products:

Tools, jigs, gauges, special machines and equipment

### Volume:

Prototypes, unique items, small and medium series

### Quality certificates:

ISO 9001:2000

### Supplied industries:

Automotive industry, machine industry, power engineering

### Main references:

Audi, Bosch, Siemens, Philips/LiteOn, Stahlberg, KBA

### Main export markets:

Germany, Austria, Luxembourg, The Netherlands

Our family-owned company is located in Győrújbarát (next to Győr city in Western Hungary) and was founded in 1998. We work with a highly skilled and motivated team in two production halls with a total area of 1,300 m<sup>2</sup>. We have considerable experience in the field of tool management (production, design and modification) for the automotive, electronics and medical industries.

We satisfy our customers by providing accurate, quick and flexible services based on an experienced engineering team, modern machine plant and certified quality system (ISO 9001:2000 CERTOP).



## KLS Hungary Kft.

2310 Szigetszentmiklós, Bíró Lajos utca 95.

Phone: +36 20 453 20 50

Fax: +36 24 405 035

E-mail: [sales@kls-hungary.hu](mailto:sales@kls-hungary.hu)

Web: [www.kls-hungary.hu](http://www.kls-hungary.hu)

Managing Director: László Kovács

Contact person: Ádám Prebendárcsik

Languages: English, German

Phone: +36 20 453 20 50

E-mail: [sales@kls-hungary.hu](mailto:sales@kls-hungary.hu)

Year of establishment: 2004

No. of employees: 8

Turnover (2008): EUR 0.2 million

Export ratio: Indirectly 95%



### Primary activities:

Machining – machining centres, CNC milling, CNC lathe-turning, grinding, drilling  
 Assembly – mechanical  
 Gear hobbing

### Products:

Small precision parts  
 Parts for chemical and medical instruments  
 Gears

### Volume:

Prototypes, unique pieces, small and medium series



### Supplied industries:

Machine industry, medical industry, chemical industry, instrument industry

### Main export markets:

Indirectly worldwide

Manufacturing of small and medium series, high-precision CNC-machined parts for instruments used mainly in the medical and chemical industries. We provide CNC milling, CNC turning, and manufacture gearwheels or parts. We manufacture surface treated (anodising, sand or pearl blasting, chrome or zinc coating, etc.), heat-treated and ground parts.

We machine plastics (PEEK, ZX-100, ZX-530, POM, PTFE, PVC, Zellamid), stainless steel materials (1.4305, 1.4404, 1.4541, etc.) and aluminium alloys.

### Why choose us?

Thanks to our state-of-the-art technology, we can keep manufacturing time down and our prices low. This can result in savings of up to 40% for our customers.

By setting up a framework agreement with us, you can draw on the yearly amount at the rate required by you with a pre-determined amount of stock held back in our warehouse.

Just send us the design of the part by e-mail or fax it and we will provide a quote in a matter of days.



## Metall-Techno Kft.

H-1151 Budapest, Károlyi Sándor út 113/c

Phone: +36 306 9805

Fax: +36 305 0417

E-mail: [metallte@metall-techno.hu](mailto:metallte@metall-techno.hu)

Web: [www.metall-techno.hu](http://www.metall-techno.hu)

Managing Director: Viktor Heinz

Contact person: Tibor Kalmar

Languages: German

Phone: +36 271 0830

E-mail: [tibor.kalmar@metall-techno.hu](mailto:tibor.kalmar@metall-techno.hu)

Year of establishment: 1993

No. of employees: 60

Turnover (2008): EUR 2.2 million

Export ratio: 95%

### Primary activities:

Machining – machining centres, standard and CNC lathe-turning, standard and CNC milling, grinding

### Products:

Unique machine parts  
 Sheet metal work, welding

### Volume:

Unique pieces, small series

### Quality certificates:

ISO9001

### Supplied industries:

Machine industry

### Main references:

Kinkele GmbH, Herhammer GmbH, Systech GmbH

### Main export markets:

Germany, Hungary

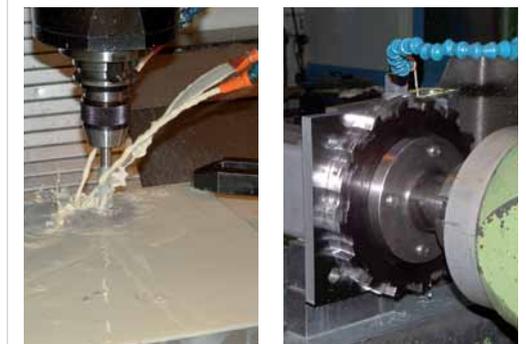


Metall-Techno Kft. manufactures unique and custom machine parts. The company has 60 employees working on an area of 2000 m<sup>2</sup>, including the new office and social block. Seven production engineers work in the field of production planning and processing.

Two mechanical engineers manage our production department with the help of a CNC programmer. Production is overseen by 40-skilled workers on cutting machines and three qualified welders (CO, AWI). Quality is controlled by five quality inspectors.

The manufactured components are delivered to our foreign partners by a reliable sub-contractor with which we have had a relationship for ten years.

Electronic data processing capabilities: Reception and processing of DWG, DXF, IGES, STEP and para-solid files.



# NIFLEX



## Niflex Kft.

H-1163 Budapest, Cziráki utca 26-32.

Phone: +36 1 402 0259

Fax: +36 1 403 6073

E-mail: [info@niflex.hu](mailto:info@niflex.hu)

Web: [www.niflex.hu](http://www.niflex.hu)

Managing Director: Gábor Sámson

Contact person: Gábor Sámson

Languages: English, German

Phone: +36-30-385-3009

E-mail: [samson@niflex.hu](mailto:samson@niflex.hu)

Year of establishment: 1997

No. of employees: 24

Turnover (2008): EUR 1 million

Export ratio: 60%



### Primary activities:

Machining – machining centres, milling, grinding, lathe-turning

Cutting and bending – sheet metal bending

Assembly – electro-mechanical assembly for machines and sub-assemblies

Welding – MIG/MAG, steel construction, aluminium, stainless steel

### Products:

Screen printing machines, feeders, stackers

Production of tools, parts and engineering elements

### Volume:

Unique pieces, small and medium series, prototypes

### Quality certificates:

ISO9001:2008

### Supplied industries:

Machine industry, power generation industry, railway industry

### Main references:

SPS Rehmus GmbH, Siemens Power, Celitron Kft., Budasolar Kft., Mirrotron Kft.

### Main export markets:

Germany

Our team has extensive professional experience in performing exacting quality work in a cultured, quality-driven environment of labour. Satisfaction and confidence of our customers, long-term strategic partnership and reliable and productive business and human relations share equal importance to us.

### Primary activities:

Pressing – crank presses, deep-drawing presses

CNC Machining

Casting – gravity casting (ferrous and non-ferrous metal), gray iron (forming line)

Outsourcing of uniquely designed, mechanical engineering components

### Products:

Engineering components of all kinds

Fittings, gears

### Volume:

Small and medium series, prototypes

### Quality certificates:

None as own; QA certificates of all related manufacturers are attached to each shipment

### Supplied industries:

Railway industry, construction industry, machine industry

### Main references:

Western (UK); RMDK (UK); EHT (D); WFL (A); UPPA (F); Faiveley (ES);

### Main export markets:

UK, Germany, France, Spain



## Opció Kft.

1074 Budapest, Csengery utca 7.

Phone: +36 1 786 3111

Fax: +36 1 786 3111

E-mail: [opcio@opcio.eu](mailto:opcio@opcio.eu)

Web: <http://opcio.eu>

Managing Director: György Gergely

Contact person: György Gergely

Languages: English, German, French

Year of establishment: 1991

No. of employees: 5

Turnover (2008): EUR 0 million

Export ratio: 100%



## Öntvill-Ker Kft.

4200 Hajdúszoboszló, Téglagyári út 2.

Phone: +36 52 271 000

Fax: +36 52 364 417

E-mail: [info@ontvill-ker.hu](mailto:info@ontvill-ker.hu)

Web: [www.ontvill-ker.hu](http://www.ontvill-ker.hu)

Managing Director: István Darányi

Contact person: Adrienn Dunn

Languages: English

Phone: +36 20 447 9711

E-mail: [adrienn.dunn@ontvill-ker.hu](mailto:adrienn.dunn@ontvill-ker.hu)

Year of establishment: 1995

No. of employees: 20

Turnover (2008): EUR 2 million

Export ratio: 0%



### Primary activities:

Machining – CNC lathe-turning, milling, grinding

Pressing – eccentric presses

Welding – MIG, MAG, WIG (TIG)

### Products:

Fittings, various metal parts i.e. bearings, valves, electrical network fittings, bird protectors for electrical networks



### Volume:

Small, medium and large series, up to 400,000 pieces

### Quality certificates:

ISO 9002

### Supplied industries:

Automotive industry, power generation

### Main references:

FAG Hungary, Demasz Zrt. (part of EDF Group)

Öntvill-Ker Kft. is a family-owned manufacturing company that has been building a reputation from its base in Hajdúszoboszló since 1994. Öntvill-Ker Kft. specialises in the manufacturing of precision parts with multi-axis CNC turning machines but is also engaged in milling, welding, grinding and fabrication of components and parts according to customers' drawings and specifications.

Our well equipped workshop supports manufacturing to high standards of quality and precision. In addition to the latest technologies (CNC machines and AutoCad software), the experience and knowledge of our production team is fundamental to our success. Endeavouring to deliver the best results to our clients and exceeding their expectations on a timely and consistent basis is Öntvill-Ker's core aim.

The Öntvill-Ker team embodies a commitment to reliability and quality that forms the foundations for developing first-class strategic supplier relationships. As a supplier to the Schaeffler Group's FAG brand for more than nine years, we have a proven track record in continually striving for top-class performance on behalf of our customers.



## Perametal Kft.

1106 Budapest, Fehér út 10.

Phone: +36 1 432 0237

Fax: +36 1 261 4491

E-mail: [perametal@yahoo.com](mailto:perametal@yahoo.com)

Web: [www.perametal.hu](http://www.perametal.hu)

Managing Director: András Mészáros

Contact person: Andrea Felkai

Languages: English, French, Italian, German

Phone: +36 20 499 9791

E-mail: [perametal@yahoo.com](mailto:perametal@yahoo.com)

Year of establishment: 2004

No. of employees: 28

Turnover (2008): EUR 1.2 million

Export ratio: 95%

### Primary activities:

Machining – machining centres, 5-axis CNC milling, CNC lathe-turning, drilling

Casting – grey iron, modular iron castings (forming line)

Assembly – mechanical

### Products:

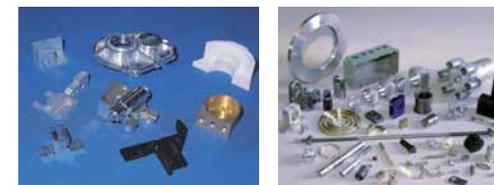
Hydraulic components

Gears

Machined parts for various industries

### Volume:

Small, medium and large series



### Quality certificates:

ISO9001:2000

### Supplied industries:

Machine industry, railway industry, power generation, medical sector

### Main references:

Rhein Nadel GmbH, CERUTTI Sarl, Cosberg Sarl, KHS GmbH, Monark Diesel GmbH

### Main export markets:

Germany, Italy, Spain

Production of high-precision machined components in small, medium and large batches with narrow tolerances. Milling, turning, grinding and drilling with CNC machines. Machining of castings, possibility for quality castings from our Indian foundry at very competitive prices. We guarantee impeccable quality, on-time delivery and fair, long-lasting partnership at highly competitive prices.

## Rekard Hajtástechnika Kft.

9027 Győr, Kandó Kálmán utca 5.

Phone: +36 96 511 882

Fax: +36 96 511 889

E-mail: [info@rekardprodukt.hu](mailto:info@rekardprodukt.hu)

Web: [www.rekardprodukt.hu](http://www.rekardprodukt.hu)

Managing Director: Imre Pausits

Contact person: Imre Szabó

Languages: German, English

Phone: +36 96 511 882

E-mail: [info@rekardprodukt.hu](mailto:info@rekardprodukt.hu)

Year of establishment: 2002

No. of employees: 125

Turnover (2008): EUR 11 million

Export ratio: 70%



### Primary activities:

Machining – machining centres, lathe-turning, milling, CNC milling, grinding

Heat treatment – case hardening

Assembly – mechanical

### Products:

Gears

Drive parts

Toothed wheels

### Volume:

Small, medium and large series



### Quality certificates:

ISO 9001:2000

### Supplied industries:

Machine industry

### Main references:

Claas, Grimme, Rabe-Agri, Lemken, Krone, Agrostroj, Beinlich, Optigép, Vogel&Noot, JohnDeere, Caterpillar, Agco

### Main export markets:

Germany, France, USA, Austria, Czech Rep

Rekard Hajtástechnika Kft., with a history of more than 60 years, produces industrial and agricultural gearboxes, as well as industrial and vehicle Cardan shafts and drive parts. Our products are manufactured by applying the machining technologies listed below and have established a good reputation with customers both in Hungary and internationally:

- machining of gearboxes using machining centres
- production of toothed wheels with straight and angular teeth, conical wheels with straight and spiral geared teeth using tothing and gear-grinding machines
- manufacturing outer and internal splines using spline-shaft milling and broaching machines
- manufacturing splines using a Grob cold-rolling machine
- machining using NC turning machines
- heat treatment: tempering, relaxing, case hardening and quenching under protecting atmosphere, induction hardening.



## Saffron Kft.

2112 Veresegyház, Kakukkfű utca 11.

Phone: +36 30 205 0608

Fax: +36 28 630 286

E-mail: [gabor.petri@saffronkft.hu](mailto:gabor.petri@saffronkft.hu)

Web: [www.saffronkft.hu](http://www.saffronkft.hu)

Managing Director: Gábor Petri

Contact person: Gábor Petri

Languages: English, German

Phone: +36 30 205 0608

E-mail: [gabor.petri@saffronkft.hu](mailto:gabor.petri@saffronkft.hu)

Year of establishment: 2008

No. of employees: 10

Turnover (2008): EUR 0.2 million

Export ratio: 15%

### Volume:

Small and medium series, unique pieces, prototypes

### Quality certificates:

ISO 9001:2000

### Supplied industries:

Machine industry, automotive industry, construction industry

### Main references:

ALCOA Group

### Main export markets:

UK, Germany

Saffron Kft. specialises in machining of unique parts and small batches. Our strength is to follow the progress of parts from the initial design phase right up to final assembly on our customer sites. We offer an end-to-end service, including design, machining, heat treatment, surface treatment and assembly.

### Primary activities:

Machining – standard and CNC lathe-turning, milling, CNC milling

Welding – steel constructions

### Products:

Gears

Tools





Toolstyle

## TGI-Q Kft.

9081 Győrújbarát, Széchenyi körút 39.  
 Phone: +36 96 543 025  
 Fax: +36 96 543 026  
 E-mail: [info@tgi-q.hu](mailto:info@tgi-q.hu)  
 Web: [www.tgi-q.hu](http://www.tgi-q.hu)  
 Managing Director: József Török  
 Contact person: József Török Jr.  
 Languages: English, German  
 Phone: +36 96 543 025, Mobile: +36 20 329 4814  
 E-mail: [info@tgi-q.hu](mailto:info@tgi-q.hu)  
 Year of establishment: 2000  
 No. of employees: 10  
 Turnover (2008): EUR 1 million  
 Export ratio: 20%

### Primary activities:

Machining – machining centres, 5-axis CNC milling, standard and CNC lathe-turning, electro-erosion  
 Engineering design – 3D planning

### Products:

Tools  
 Fasteners  
 Hydraulic components

### Volume:

Prototypes, unique pieces, small and medium series

### Quality certificates:

ISO 9001-2001

### Supplied industries:

Machine industry, automotive industry, construction industry

### Main references:

Audi, Rába, BPW, Günter Tata, Datacon, Magna Steyr



### Main export markets:

Austria, Germany, USA

Our company is situated in one of the most industrially developed areas of Hungary, just 8 km from Győr. Mid-way between Vienna and Budapest, we benefit from both the nearby motorway and a highly qualified and cost-effective labour force. These competitive advantages have also attracted several multinational companies, such as Audi, Philips and Rába Futómű. The small and medium enterprises that have successfully met the high standards demanded by these firms are now becoming major players in international subcontracting.

Our main profile is the production of high-precision components. We manufacture individual components, apparatus, tools, measuring and checking equipment for the businesses mentioned above.

Even for smaller batches, we prefer complex assignments demanding high precision as these best match our level of expertise. Quality is assured by our qualified and motivated employees and management, appropriate machinery and up-to-date measurement systems.

Our Company is a direct subcontractor of Audi, Rába Futómű, General Electric Hungary and Datacon. Our exports division, as shown by the economic section above, is expanding rapidly and our main international partners are from Germany, Austria and the United States of America.

### Primary activities:

Machining – machining centres, 5-axis CNC milling, CNC lathe-turning  
 Welding – MIG, MAG, WIG (TIG)  
 Tools – for forging  
 Assembly – mechanical

### Volume:

Prototypes, unique pieces, small and medium series

### Quality certificates:

MSZ EN ISO 9001:2008, MSZ EN ISO 3834-2

### Supplied industries:

Power generation industry, machine industry, automotive industry

### Main references:

General Electric, Applied Materials, Martin-Bobst, Deckel Maho

### Main export markets:

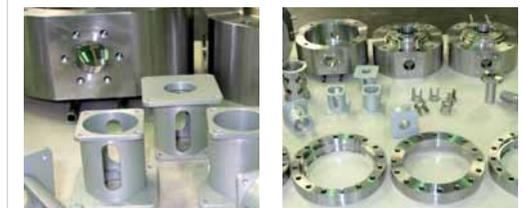
France, USA, Germany, Austria, China



Toolstyle is a French-owned machining company involved in gas turbine production, and machine industry and automotive component and assembly. We have considerable experience in machining special materials such as stainless cobalt-, nickel- and tungsten-based alloys and castings. The combination of our welding and assembly expertise and our network of subcontractors allows us to provide a broad range of sophisticated solutions to our customers.

## Toolstyle Kft.

H-3534 Miskolc, Tatárdomb  
 Phone: +36 46 402 477  
 Fax: +36 46 401 660  
 E-mail: [toolstyle@toolstyle.hu](mailto:toolstyle@toolstyle.hu)  
 Web: [www.toolstyle.hu](http://www.toolstyle.hu)  
 Managing Director: Csaba Filip  
 Contact person: Csaba Filip  
 Languages: English, French, German  
 Phone: +36 46 402 477  
 E-mail: [toolstyle@toolstyle.hu](mailto:toolstyle@toolstyle.hu)  
 Year of establishment: 2000  
 No. of employees: 50  
 Turnover (2008): EUR 6 million  
 Export ratio: 40%



## Top Holding Zrt.

4220 Hajdúböszörmény, Kórház tér 1.

Phone: +36 52 561 233

Fax: +36 52 561 240

E-mail: [info@topholding.hu](mailto:info@topholding.hu)

Web: [www.topholding.hu](http://www.topholding.hu)

Managing Director: Imre Kulcsár

Contact person: Imre Kulcsár

Languages: English

Phone: +36 52 561 241

E-mail: [kulcsar@topholding.hu](mailto:kulcsar@topholding.hu)

Year of establishment: 1996

No. of employees: 24

Turnover (2008): EUR 3 million

Export ratio: 40%



### Primary activities:

Machining – machining centres, CNC lathe-turning, CNC milling

Welding – steel constructions

Assembly – mechanical and electro-mechanical

### Products:

Metal tanks



## VT Metal Kft.

## VT Metal Kft.

8000 Székesfehérvár, Berényi út 72-100.

Phone: +36 22 533 640

Fax: +36 22 533 659

E-mail: [vtmetal@metal.videoton.hu](mailto:vtmetal@metal.videoton.hu)

Web: [www.metal.videoton.hu](http://www.metal.videoton.hu)

Managing Director: Imre Király, Dr. Norbert Kiss

Contact person: Gábor Lobmann

Languages: English, German

Phone: + 36 20 937 6255

E-mail: [lobmann.gabor@metal.videoton.hu](mailto:lobmann.gabor@metal.videoton.hu)

Year of establishment: 1993

No. of employees: 190

Turnover (2008): EUR 13 million

Export ratio: 20%



### Primary activities:

Machining – CNC lathe-turning, milling  
Electroplating

### Volume:

Medium and large series

### Quality certificates:

ISO/TS 16949, ISO 9001, ISO 14001

### Supplied industries:

Automotive industry, machine industry

### Main references:

Visteon, SHW, Linamar, NCR, Delphi

Our company is a supplier to major Tier 1 and Tier 2 firms offering a complete solution from parts manufacturing to modules and finished product assembly.

The processes employed at VT Metal Kft. are certified according to the ISO TS 16949 and ISO 14001 standards. In our labs, qualified controllers verify the quality of produced parts and manufacturing processes with state-of-the-art CMM, X-ray and testing equipment.

### Volume:

Prototypes, unique pieces, small and medium series

### Quality certificates:

ISO 9001, NATO AQAP 110

### Supplied industries:

Machine industry, construction

### Main references:

General Electric, Audi Motors, Krone Holding, Holcim Hungary, Hungarian State Railways

### Main export markets:

Germany, Italy

Top Holding Zrt. is a reliable partner in engineering and manufacturing offering the following services:

- universal machine production
- machine unit manufacturing
- machine parts production
- mobile and portable conveyor belts
- cutting, fitting
- production of welded steel structures
- machine repair and refurbishment

Our company philosophy is to focus on delivery date, quality, cost and efficient cooperation based on the following infrastructure:

workshop area : 1,200 m<sup>2</sup>

machine capacities: 50,000 hours/year

machine-park:

- small, middle and big lathes
- face and plain grinders
- milling machines
- automatic gear bobbing machine
- horizontal boring mills
- NC axle and disc lathes
- CNC machining centre



Metal Technology  
in **Hungary**



## **WELDED STEEL STRUCTURES**

**Bognár és Társa**

**DMM**

**Euromont**

**Ganzeg**

**Kapos Atlas**

**Lakics**

**Masina**

**Mátra Industrial**

**Ped-Weld**

**SBS**

**Sokoró**

**V&V Crane**

## Bognár és Társa Kft.

5000 Szolnok, Gáz út 1.  
 Phone: +36 56 513 244  
 Fax: +36 56 513 245  
 E-mail: titkarsag@bognar-kft.hu  
 Web: www.bognar-kft.hu  
 Managing Director: Miklós Bognár  
 Contact person: Miklós Bognár  
 Languages: German, English  
 Phone: +36 56 513 243  
 E-mail: bognar@bognar-kft.hu

Year of establishment: 1985  
 No. of employees: 44  
 Turnover (2008): EUR 3.3 million  
 Export ratio: 67%

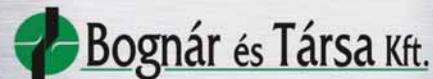


### Primary activities:

Pressing – hydraulic and eccentric presses  
 Stamping  
 Machining – milling, grinding  
 Cutting – laser  
 Welding – robot welding

### Products:

Tools, metal tanks



### Volume:

Prototypes, small series, medium series, large series

### Quality certificates:

ISO 9001:2001

### Supplied industries:

Machine industry

### Main export markets:

Austria, Germany, France, Netherlands

Bognár and Co., a family-owned enterprise with 44 employees and a 1.6 hectare facility comprising two workshops is situated in Szolnok, along highway 4. Bognár's product range includes parts for agricultural and industrial machinery, trailers for car transport, as well as workshop, office and pharmacy furniture and iron furniture. The company also produces oil containers, railroad parts, steps and staircases.

Bognár's main profile is sheet processing, including laser cutting, edge bending, cutting, punching and production of welded constructions, with products constructed from standard- or high-quality steel or aluminium. Core equipment include: Motoman robot welding machine (range 3.5 m, movement range 6m); two Trumpf CNC laser-cutting machines capable of cutting steel to a thickness of 20 mm, quality steel to a thickness of 12 mm and aluminium to a thickness of 8 mm; two Trumpf CNC punching machines and 6 CNC edge bending machines (Trumpf and Safan) capable of bending sheets with a thickness of 0.5-10 mm and length of 4.5 m; pipe-bending machines capable of bending pipes of diameter up to 60mm. Bognár also designs and produces the tools for its max. 150 ton hydraulic and eccentric presses. The company also has a modern powder coating workshop for parts finishing and painting in RAL colours. Main processes include phosphate conversion coating, degreasing, rinsing, drying, powder coating and burning, while galvanisation and hot dip galvanisation is outsourced at Bognár's partner companies.



### Primary activities:

Pressing – hydraulic presses  
 Machining – CNC lathe-turning  
 Cutting – laser  
 Cutting and bending – sheet metal bending, punching  
 Welding – steel constructions  
 Assembly – mechanical

### Products:

welded steel structures

### Volume:

Medium series

### Quality certificates:

ISO 9001:2000

### Supplied industries:

Machine industry, railway industry

### Main export markets:

The Netherlands, France, Germany



## Debreceni Mechanikai Művek Kft.

H-4030 Debrecen, Híd u.4-6.

Phone: +36 52 526 460

Fax: +36 52 526 462

E-mail: info@dmm.hu

Web: www.dmm.hu

Managing Director: Zoltán Ruszcák

Contact person: Ildikó Kóti

Languages: English

Phone: +36 52 526 471

E-mail: ildiko.koti@dmm.hu

Year of establishment: 1996

No. of employees: 77

Turnover (2008): EUR 3.54 million

Export ratio: 70%



Debreceni Mechanikai Művek Kft. was founded in 1996. Its predecessor began production of agricultural machines and parts in the 1950s. Since then, production processes have been continuously developed and improved alongside the ongoing development of agricultural and manufacturing technology. The scope of this production ranges from simple, low-end machines to high-end, technologically sophisticated equipment to be used in various fields of agriculture, harvesting and pest control jobs. DMM has also extended its activity into fields of industry. Since 1996, the company has manufactured handbrakes for trucks and aluminium components for high-voltage electrical equipment.



## Euromont Kft.

H-8600 Siófok, Bajcsy-Zsilinszky út 207.  
 Phone: +36 84 506 884  
 Fax: +36 84 506 883  
 E-mail: euromont@euromont.hu,  
 euromont@t-online.de  
 Web: www.euromont.hu  
 Managing Director: László Buday  
 Contact person: László Buday  
 Languages: German  
 Phone: +36 30 638 6959, +49 160 151 9572  
 E-mail: euromont@t-online.de  
 Year of establishment: 2002  
 No. of employees: 50 – 100  
 Turnover (2008): EUR 4 million  
 Export ratio: 77%

### Primary activities:

Welding – MIG, MAG, WIG (TIG), stainless steel, steel constructions  
 Metal action structures  
 Welding and forming of wires

### Products:

Metal tanks, wire products

### Volume:

Small series

### Quality certificates:

ISO 9001 / ISO 3834-2 / SCC



### Primary activities:

Machining – machining centres  
 Cutting – plasma, CNC flame  
 Welding – steel constructions  
 Surface treatment – manual painting  
 Heat treatment – annealing  
 Assembly – mechanical

### Products:

Tools, welded machinery and steel constructions

### Volume:

Prototypes, unique pieces, small series, medium series

### Quality certificates:

see below

### Supplied industries:

Machine industry, construction industry

### Main references:

Liebherr, Caterpillar, Putzmeister

### Main export markets:

Germany, Belgium, France, Austria

Ganzeg Machinery and Steel Structure Manufacturing Kft. (abbreviated to Ganzeg Kft.) began operation on 1 July 1997 following the privatisation of the Ganzeg West Hungary Machinery and Steel Structure Manufacturing Company.

Ganzeg Kft., situated in Zalaegerszeg, Western Hungary, belongs to the Ganz Machinery Works Holding Company. Its predecessor was the Ganz Appliance and Machinery Works, which emerged from an industrial unit of Ganz-Mávag Locomotive and Railway Carriage Works operating in Zalaegerszeg.

The company is certified according to ISO9001:2008 and has welding qualifications issued by SLV Hannover according to DIN 18800 Part 7, DIN 15018, and welding process certification for working with S235 and S355

## Ganzeg Kft.

8900 Zalaegerszeg, Balatoni u. 11.  
 Phone: +36 92 597 126  
 Fax: +36 92 597 160  
 E-mail: ganzegkerov@invitel.hu  
 Web: www.ganzeg.fw.hu  
 Managing Director: Éva Zsohár and Gyula Kenesei  
 Contact person: Éva Ráth and Balázs Horváth  
 Languages: English, German  
 Phone: +36 92 597 126  
 E-mail: ganzegkero@vnet.hu  
 Year of establishment: 1997  
 No. of employees: 142  
 Turnover (2008): EUR 7 million  
 Export ratio: 90%



materials. These standards were attained with welding process certifications for S890 QL, S 960 QL and S 1100 QL on 1 April 2004. Ganzeg Kft. is also certified according to DIN EN ISO 3834-2 and DIN EN 15085-2 (certificate for the welding of railway vehicles and components) issued by SLV Hannover.

## Kapos Atlas Kft.

H-7400, Kaposvár, Jutai út 37.

Phone: +36 82 528 544

Fax: +36 82 312 507

E-mail: [ajanlatkeres@kaposatlas.hu](mailto:ajanlatkeres@kaposatlas.hu)

Web: [www.kaposatlas.hu](http://www.kaposatlas.hu)

Managing Director: Attila Gombos

Contact person: Attila Gombos

Languages: English, German

Phone: +36 20 965 3390

E-mail: [gombos@kaposatlas.hu](mailto:gombos@kaposatlas.hu)

Year of establishment: 1994

No. of employees: 129

Turnover (2008): EUR 16 million

Export ratio: 100%

**Primary activities:**

Welding – steel constructions, Cloos robot welding, MIG, MAG, WIG (TIG)

Machining – machining centres, 5 axis CNC milling, lathe turning, CNC lathe turning, milling, boring, drilling

Surface treatment – electrostatic painting,

Cutting – plasma, CNC flame, cutting saw

Cutting and bending – sheet metal bending

Assembly – mechanical, electro-mechanical, pneumatic, hydraulic

**Products:**

parts of loaders, cranes and earthmoving machinery; complete subassemblies; chassis bodies; lifting and handling equipment and parts

**Volume:**

Medium series, small series, prototypes, unique pieces

**Quality certificates:**

Welding certificates: 18800-7 for steel structures; DIN 15018 for cranes; DIN EN 10025 for S235, S275, S355 steel grades; DIN EN 10137 for S690Q steel grade

**KAPOS ATLAS**  
KAPOSVÁR



Photo: Márk Somogyi

Quality assurance MSZ EN ISO 9001:2001  
European Standard EN 15085-2; CL-1 Certificate for welding of railway vehicles and components  
Welding certificate MSZ EN ISO 3834-2

**Supplied industries:**

Machine industry, construction industry, renewable energy industry, railway industry and power generation industry

**Main references:**

F. Weyhausen GmbH & Co., KG Maschinenfabrik; JLG Manufacturing Europe BVBA; Cargotec Finland Oy, Multilift; TEREXLIFT s.r.l.; Menzi Muck AG; BOLLIGER & MABILLARD Consulting Engineers Inc.; Siemens Erőműtechnika Kft.

**Main export markets:**

Germany, Belgium, Finland, Italy, Switzerland

Kapos Atlas, a subsidiary of the Atlas group in Germany, has been a manufacturer of loaders since 1994 and offers the free capacity of its Messer plasma cutting machine, Cloos welding robot and Mazak machining centre.

The Kapos plant has the equipment and capacity to meet individual requirements in steel processing. Kapos Atlas manufactures medium and small batch products, from design and fabrication of tools in the plant's own toolmaking workshop through locating raw material suppliers to completion of the final product and full logistical services. Purchasing, financing, quality control and transportation complete the company's range of end-to-end services.

**LAKICS**  
GÉPGYÁRTÓ KFT.

## Lakics Kft.

**Primary activities:**

Cutting – CNC flame, plasma  
Machining – machining centres, CNC lathe-turning, CNC milling, CNC grinding, drilling  
Welding – MIG, MAG, WIG (TIG), orbital welding, robot welding, steel constructions  
Heat treatment – annealing  
Surface treatment – manual painting  
Assembly – mechanical

**Products:**

Electrical engine and generator housings

**Volume:**

Prototypes, unique pieces, small series, medium series

**Quality certificates:**

ISO 9001:2008; DIN 18800-7 class E; DIN EN ISO-3834-2

**Supplied industries:**

Power generation industry, machine industry, construction industry

**Main references:**

Siemens AG, Vestas Wind Systems A/S, Loher GmbH, ELIN EBG Motoren GmbH, LDW GmbH, Moteurs Leroy-Somer-Orleans; SMAG GmbH; ABB Oy

**Main export markets:**

Germany, Austria, Finland, France and the Netherlands



7300 Komló, Altáró u. 8.

Phone: +36 72 581 310

Fax: +36 72 483 351

E-mail: [contact@lakics.hu](mailto:contact@lakics.hu)

Web: [www.lakics.hu](http://www.lakics.hu)

Managing Director: Péter Lakics

Contact person: Tamás Simon

Languages: English, German, French

Phone: +36 30 330 4710

E-mail: [tamas.simon@lakics.hu](mailto:tamas.simon@lakics.hu)

Year of establishment: 1985

No. of employees: 235

Turnover (2008): EUR 20 million

Export ratio: 100%



Lakics Kft. is involved in the production and machining of difficult welded structures up to a maximum weight of 25 tons per piece. Its primary focus is the production of electrical engine and generator housings (especially for the wind energy industry) and steel components for motors and generators, such as end-shields, cooling-systems, pressing plates and switch-boxes. Lakics also produces complete welded constructions for road engines and dumpers, buckets and cranes. The company's service portfolio is completed with the production and assembly of large and complex steel structures. Lakics lists the leading multinational companies in the renewable energy market among its customers. The development of the company has been recognised in the form of several prizes, including its recently earned title of „fastest-growing enterprise in Western Hungary”.

## Masina Engineering Kft.

6200 Kiskőrös, Alsókomazáció 10.

Phone: +36 78 311 700

Fax: +36 78 311 111

E-mail: [masina@vitae.hu](mailto:masina@vitae.hu)

Web: [www.masina.hu](http://www.masina.hu)

Managing Director: László Moravcsik

Contact person: János Kuti

Languages: German, English

Phone: +36 78 311 700-117

E-mail: [janoskuti@masina.hu](mailto:janoskuti@masina.hu)

Year of establishment: 1984

No. of employees: 40

Turnover (2008): EUR 1.1 million

Export ratio: 50%

### Primary activities:

Machining – 5-axis CNC milling, CNC lathe-turning, milling, drilling

Welding – MIG, MAG, WIG (TIG)

Cutting and bending – sheet metal bending

### Products:

Metal tanks

### Volume:

Unique pieces, small series, medium series

### Quality certificates:

EN ISO 9001

### Supplied industries:

Machine industry, construction industry

### Main references:

Emil Kemper GmbH, Hugo Beck GmbH, Sikoplast Recycling Kft

### Main export markets:

Germany, Austria, Czech Rep., Spain, UK

**masina**  
KFT



Masina Engineering Kft. is a 25-year-old firm, with a primary focus on building agricultural (bulk handling) machinery, shrink-wrap tunnels and excavator buckets. It also manufactures custom-built, custom-designed parts and products in accordance with technical drawings provided by clients. The company also accepts assignments for turnkey projects and its Design and Technical Department employs AutoCAD 2004 and Solid Edge ST with 10 workstations.

### Masina also offers the following services:

- Machining job-work
- General subcontracted fabrication (steelwork fabrication, manufacturing of supporting frameworks and various steel structure fabrications)
- Subcontracted CNC sheet metal fabrication (laser profiling, folding and rolling)
- Subcontracted welding and machinery assembly

### Production takes place on three shop floors:

- 1,600 m<sup>2</sup> locksmith's workshop with CNC press brake, laser profiling and rolling machines
- 800 m<sup>2</sup> hall equipped with general processing machines (CNC milling machines, turning lathes and drills)
- Separate assembly hall

As quality is just as important as manufacturing cost, Masina has been certificated according to EN ISO 9001:2000.

**MÁTRA**  
GÉPIPARI KFT. · GYÖNGYÖS

### Primary activities:

Machining – 5-axis CNC milling

Cutting – CNC flame

Cutting and bending – sheet metal bending

Welding – steel constructions

Surface treatment – manual painting

Assembly – electro-mechanical

### Products:

storage products, unique machinery, load handling machines

theatre stage technical equipment

### Volume:

Prototypes, unique pieces, small series, medium series

### Quality certificates:

DIN EN ISO 3834-2:2006 Welding Quality Certificate  
ISO 9001:2008.

### Supplied industries:

Machine industry, construction industry

### Main references:

Audi, BMW, BWG, Bosch Rexroth, Caterpillar, Claudius Peters, FEHR, General Electric, Herrenknecht, HESS, Inteco s.m.t., MIAS, Opel, Siemens, Xella, CTI System, DEMAG, Hans Lingl, PEC, SIEMPELKAMP

### Main export markets:

Germany, Austria, France, Italy, Sweden, The Netherlands

MÁTRA Industrial Kft. is manufacturing and assembling machinery, equipment and metal structures. The reliability of its products and services, their high technical standard and precision is supported by a host of references. The three main elements of Mátra Industrial's business philosophy are quality, precision and flexibility. The 6,000 m<sup>2</sup> shop floor is suitable for the manufacture of stacker cranes, load handling equipment, technical equipment for theatre and stage, conveyors, customised machin-

## Mátra Industrial Kft.

H-3200 Gyöngyös, Esze Tamás út 23.

Phone: +36 37 507 127

Fax: +36 37 507 128

E-mail: [info@matragepipar.hu](mailto:info@matragepipar.hu)

Web: [www.matragepipar.hu](http://www.matragepipar.hu)

Managing Director: Károly Molnár

Contact person: László Tresó

Languages: English, German

Phone: +36 30 281 5813 (mobile)

E-mail: [info@matragepipar.hu](mailto:info@matragepipar.hu)

Year of establishment: 1992

No. of employees: 130

Turnover (2008): EUR 5.6 million

Export ratio: 92%



ery and steel structures. This is achieved with a modern fleet of cranes, state-of-the-art machinery and a spacious warehouse. The 18 mx 5 mx 5m paint room is sealed and pressurised, with parts cleaned in a sand-blasting cabin. A large MZP 10000/3000 CNC milling machine was installed in 2007 and a full range of machining capabilities are available for gross weight of up to 20 tons.

## PED-WELD Kft.

3564 Hernádnémeti, Deák Ferenc utca 6.

Phone: +36 70 776 03 28

Fax: +36 46 394 723

E-mail: [bela.csucsi@pedweld.hu](mailto:bela.csucsi@pedweld.hu)

Web: [www.pedweld.hu](http://www.pedweld.hu)

Managing Director: Béla Csucsi

Contact person: István Vécsei

Languages: English, Italian

Phone: +36 30 925 79 96

E-mail: [istvan.vecsei@pedweld.hu](mailto:istvan.vecsei@pedweld.hu)

Year of establishment: 2005

No. of employees: 30

Turnover (2008): EUR 155,000

Export ratio: no export



### Primary activities:

Welding – stainless steel and carbon steel, MIG, MAG, WIG (TIG), MMA and plasma, manual oxy cutting

Surface treatment – manual painting and cleaning

Welding – steel constructions, production and installation

Assembly – electro-mechanical, plus installation

Metal tanks – pressure vessels

On-site pipe installation (refrigeration & heating)

Semi-finished products: tubes

### Products:

Fasteners, metal tanks, fittings, biodiesel oil plant and chemical industrial technologies, assembly; waste incineration works and heat utilization plant; waste water treatment and sludge drying technology; refrigeration technology

**OPED**  
**WELD**  
Kft.

### Volume:

Unique pieces, small series

### Quality certificates:

under way

### Supplied industries:

Petrochemical industry, construction industry, machine industry

### Main references:

TEVA Pharmaceuticals Zrt., RICHTER Pharmaceuticals Zrt., GS&K Pharmaceuticals Zrt., ALPHARMA Kft., Water Supply Company of Budapest, EVONIK Zrt., R.BOSCH Zrt., PICK Zrt., INTERBREW-Borsodi Sörgyár Zrt., TRILAK Kft., ÖKOIL Kft., REHM Kft.

### Main export markets:

no export

Ped-Weld Repair, Supply & Trading Kft. was established in 2005 with 100% private capital investment and a staff of just three people. The company has been expanded and developed ever since, broadening its range of services in response to growing market demand. The company's original profile included assembly of industrial cooling-heating systems and chemical technologies, repairing chemical industrial devices and tanks and pipeline assembly.

Today's main activities are the construction of wastewater treatment plants, sludge separation units, sludge dryers, waste incinerators and vegetable oil plants and water catchment basins.

Ped-Weld faces remarkable challenges on a daily basis with its clients demanding the latest technologies at the lowest possible cost. Excellent quality and reliability are top priorities for the company.

**SBS**  
SZERELŐ, JAVÍTÓ ÉS SZOLGÁLTATÓ KFT



### Primary activities:

Cutting – laser, CNC flame

Machining – 5-axis CNC milling, milling

Welding – MIG, MAG, WIG (TIG), robot welding

### Products

Tools, fixtures, booms, frames, railway bogie, truck components, crane parts, hall structures

### Volume:

Medium series, prototypes, unique pieces, small series

### Quality certificates:

DIN 18800-7, DIN EN 15085-2, EN ISO 14001, EN ISO 9001, MSZ EN ISO 3834-2

### Supplied industries:

Machine industry, automotive industry, railway industry, power generation industry

### Main references:

Bombardier Transportation Hungary Kft., Terex Deutschland GmbH, Liebherr Werk Bischofshofen GmbH, Haulotte Group, Caterpillar SARL

### Main export markets:

Belgium, Austria, Germany, France

SBS Kft. is a successful and valuable steel construction manufacturing company in private ownership. Each year, its 160 workers and modern equipment process approximately 15,000 tons of steel plating (S355J2G3 and QSTE 380 TM) to a thickness of between 6mm and 60mm in

## SBS Kft.

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hrs: 340/1., P. O. Box 7.

Phone: +36 36 496 114

Fax: +36 36 496 860

E-mail: [sbskft@sbskft.hu](mailto:sbskft@sbskft.hu)

Web: [www.sbskft.hu](http://www.sbskft.hu)

Managing Director: László Balogh

Contact person: Detre Varga

Languages: English, German

Phone: +36 36 496 114

E-mail: [varga.detre@sbskft.hu](mailto:varga.detre@sbskft.hu)

Year of establishment: 1997

No. of employees: 160

Turnover (2008): EUR 21.7 million

Export ratio: 17%



new halls. The resulting manufactured and painted parts are used in earth moving machinery.

SBS's profile also extends to manufacturing and construction, as well as implementation of individual steel constructions, such as car salons, commercial centres, construction, engineering and refurbishment of power plants and utilisation plants, platforms and electrical plants.

SBS's major partners include Caterpillar SARL, Liebherr Werk Bischofshofen GmbH, Terex Deutschland GmbH and Haulotte Group France. The latest addition to the company's reference list is the Mátravólk plant of Bombardier Transportation, for which it manufactures railway bogie truck components.

## SOKORÓ Kft.

H-9100 Tét, Fő u. 8-10.

Phone: +36 96 461 011

Fax: +36 96 461 235

E-mail: sokoro@sokoro.co.hu

Web: www.sokoro.co.hu

Managing Director: Sándor Majsa

Contact person: Rita Jelencsics, Foreign Trade Assistant

Languages: German, English

Phone: +36 30 740 4984

E-mail: jelencsics.rita@sokoro.co.hu

Year of establishment: 1949

No. of employees: 500

Turnover (2008): EUR 14 million

Export ratio: 70%



### Primary activities:

Machining – machining centres

Cutting – laser

Cutting and bending – CNC, tubes and sections

Surface treatment – powder-coating

Welding – MIG, MAG, WIG (TIG)

Welding – steel constructions

### Products:

Agricultural machines, welded structures, special constructions for the automotive industry

### Volume:

Prototypes, unique pieces, small series, medium series, large series

**SOKORÓ**  
IPARI ÉS KERESKEDELMI KFT  
9100 TÉT-HUNGARY



### Quality certificates:

Quality management systems: DIN ISO 9001, ISO/TS 16949:2002 to standard VDA 6.1

Standards: DIN 18800, DIN 15018, DIN EN 10025, DIN 14731, DIN ISO 3834-1, DVS

### Supplied industries:

Machine industry, automotive industry, agriculture

### Main references:

SIMBA Ltd., England; VOGEL&NOOT, Austria; LECTRA, France; Dräxlmaier GmbH., Germany; Eiffel GmbH., Germany; AUDI, Hungary; Veritas AG

### Main export markets:

Great-Britain, Germany, Austria, France

Sokoró Industry and Trade Kft., founded in 1949, is a privately owned company located in a dynamically developing region of North Western Hungary. The company's activity focuses on metalworking and production of structures and parts for the automotive industry and agriculture, as well as the manufacture of welded constructions.

**V&V CRANE**  
VÁLLALKOZÁSI ÉS KERESKEDELMI KFT.

## V&V CRANE KFT.

### Primary activities:

Welding – steel constructions

### Products:

Steel structures for the construction industry. Own products: moBUILDING – prefabricated, relocatable metal building, warehouse; smartUNIT – prefab. modular houses

### Volume:

Volume: 80 – 120 t/month

### Quality certificates:

ISO9001:2001

### Supplied industries:

Construction industry, machine industry

### Main references:

ATCO STRUCTURES, US ARMY

### Main export markets:

Bosnia, Kosovo, Afghanistan, Russia

V&V Crane Kft. has operated as an engineering consulting office since 1991. The company's production plant in Nyíregyháza covers 3.000m<sup>2</sup> and is complemented by an open-air storage area of double the size. V&V Crane specialises in the design, manufacturing, assembling and sale of steel structures.

- Custom steel structures and metal parts
- moBuilding: modular, prefabricated and portable industrial buildings
- smartUNIT: modular, flat-packed steel framework

The company's products have been exported by Canadian-based ATCO Structures for the past 14 years. Some 70 complete buildings have been delivered so far to American Forces in Bosnia, Kosovo, Afghanistan, Iraq and Romania. Buildings were also transported on behalf of oil companies to Kazakhstan, Saccharin Island and Algeria.

H-1027 Budapest, Frankel Leó út 26.

Phone: +36 1 316 2261

Fax: +36 1 316 2261

E-mail: vvcrane@pantelweb.hu

Web: www.vvcrane.hu

Managing Director: Levente Várnai

Contact person: Levente Várnai

Languages: English, Spanish

Phone: +36 30 381 6915

E-mail: vvcrane@pantelweb.hu

Year of establishment: 1991

No. of employees: 4+22





Metal Technology  
in **Hungary**



## **TOOLMAKING**

**Anton**

**Büttner és Társa**

**Camilleon**

**Euroform**

**GNSZ**

**Losonczy**

**Payer Group**

**Tool-Produkt**

**Z-Form**

## Anton Kft.

8900 Zalaegerszeg, Sport u. 16.

Phone: +36 92 550 010, +36 92 549 230

Fax: +36 92 550 016, +36 92 549 231

E-mail: sales@anton.hu

Web: www.anton.hu

Managing Director: Dr. András Németh,  
József Novák (Finance)

Contact person: István Gál

Languages: English

Phone: +36 92 549 238

E-mail: istvan.gal@anton.hu

Year of establishment: 1990

No. of employees: 324

Turnover (2008): EUR 18 million

Export ratio: 40%



### Primary activities:

Tooling  
Injection moulding  
Super alloys machining

### Products:

Tools, metal parts for the energy industry, plastic parts

### Volume:

Prototypes, unique pieces, small series, medium series and large series

### Quality certificates:

ISO9001:2008, ISO14001:1997, ISO/TS 16949:2002, AS9100

# ANTON



## Büttner és Társa Kft.

H-7500 Nagyatád, Taranyi út, Ipartelep

Phone: +36 82 553 970

Fax: +36 82 553 981

E-mail: buttner@hu.inter.net

Web: www.buttner.hu

Managing Director: Dr. Tamas Büttner

Contact person: Jenő Tátrai

Languages: German, English

Phone: +36 82 553 970

E-mail: tatraj@buttner.hu

Year of establishment: 1992

No. of employees: 184

Turnover (2008): EUR 12 million

Export ratio: 66%

### Primary activities:

Tools – for metal casting, for plastics pressing, for pressing and cutting sheet metal

Machining – CNC milling, 5-axis CNC milling, CNC deep hole boring

### Products:

Mould and die components, finished tool plates, prototypes



### Volume:

Unique pieces, small series

### Quality certificates:

ISO9001; ISO14000

### Supplied industries:

Automotive industry, aerospace industry, machine industry

### Main references:

Audi, Bosal, Bogner

### Main export markets:

Germany, Austria

Büttner and Co. was founded in 1992 to provide comprehensive and rapid service to customers through the use of state-of-the-art technology. The company is characterised by customer orientation, helpfulness, friendliness and flexible problem resolution.

### Its key benefits include the following:

1. Well selected stock of steel alloys as raw materials
2. Large sawing capacity
3. Warehouse stock of standard parts
4. Large machine park with high technology and precision also for XXL machining
5. Modern CAD/CAM workstations
6. Excellent logistical network throughout Europe
7. Highly motivated and trained employees



## Camilleon Kft.

H-1222 Budapest, Dévény u. 29.

Phone: +36 20 450 0415

Fax: +36 1 371 1255

E-mail: [turi@camilleon.hu](mailto:turi@camilleon.hu)

Web: [www.camilleon.hu](http://www.camilleon.hu)

Contact person: Peter Turi

Languages: English, German,

Phone: +36204500415

E-mail: [turi@camilleon.hu](mailto:turi@camilleon.hu)

Year of establishment: 2001

No. of employees: 28

Turnover (2008): EUR 1.3 million

Export ratio: 5%



### Primary activities:

Machining – machining centres, 5-axis CNC milling, milling, CNC milling, grinding,

CNC grinding, drilling, boring, electro-erosion

Tools – for machining, for injection moulding, for metal casting, for forging

Assembly – mechanical

Engineering design – 3D planning, product design, consulting

### Products:

aluminium and zinc dies, cutting tools, gravity casting tools; plastic injection moulds, vacuum moulds, blowing tools; core tools and sand forming tools for steel casting



### Volume:

Prototypes, unique pieces, small series, medium series

### Quality certificates:

ISO 9001

### Supplied industries:

Machine industry, automotive industry, household appliances, plastic parts for electrical components

### Main references:

AE Group Schoten, Germany; Regensurger Druckgusswerk Wolf/Preccast Hungary; Tyco; Csabametal; Femalk; Euroform; Zollner; Festo; Quadrant; Nolato; Wescast; Busch Raba all based in Hungary

Camilleon is a Hungarian tool maker predominantly engaged in the design and manufacturing of plastic injection moulds and aluminium dies. Its activity has recently been extended to new fields, such as rubber and sand-forming tools. Camilleon focuses on CNC technology: milling (Hartford Kappa 1100, Hartford Tornado HCMC18, DMG 64VL), 5-axis milling (DMG DMU80 Monoblock, DMG HSC 105 Linear), CNC grinding (Jung J500), sink erosion (Ingersoll Center 400, Gantry 800) and wire cut erosion (Charmilles Robofil 440CC, Sodick 537 QL Premium). An Erowa clamping system is used in combination with milling machines, erosion machines and the CMM machine. Thanks to its strong engineering background and a special agreement with materials supplier Böhler Hungary, even large and awkward jobs can be delivered with very short lead times.

The company is always open to unusual tasks including heavy roughing and finishing of plates of up to 3 tons while the machining of small workpieces within a few microns tolerance is also possible. Although production of unique items is the norm at Camilleon, the HSC105 machine is equipped with a palette changer to allow 3-5 axis milling of small and medium-sized batches. Camilleon is available for subcontracting work, as well as large and heavy workpiece machining. A machining centre of 2000 mm x 3000 mm is scheduled to be installed in early 2011.



### Primary activities:

Injection moulds for rubber and plastic

Plastic parts by injection

### Products:

Tools, plastic parts

### Volume:

Prototypes, small series, medium series, large series

### Quality certificates:

ISO 9001:2001, ISOTS 16949, ISO 14001

### Supplied industries:

Automotive industry, packaging industry

### Main export markets:

Germany, Switzerland, Austria

Euroform is an internationally active company with its headquarters in Budapest. The company deals with the design and manufacture of tools suitable for manufacturing plastic and rubber die-cast products. Euroform Kft. provides a whole range of services from design through construction of the mould and serial tool to manufacturing in series, including the following types of die-cast tools:

- Rubber die-cast tools,
- Plastic die-cast tools
- Tools for rubber-metal spare parts
- Tools for rubber-plastic spare parts

## Euroform Mould Making Kft.

1211 Budapest, Gépgyár u. 5-7.

Phone: +36 1 278 30 30

Fax: +36 1 278 30 49

E-mail: [euroform@euroform.hu](mailto:euroform@euroform.hu)

Web: [www.euroform.hu](http://www.euroform.hu)

Managing Director: Stefan Wolf

Contact person: Stefan Wolf

Languages: German, English

Phone: +36 1 278 30 30

E-mail: [euroform@euroform.hu](mailto:euroform@euroform.hu)

Year of establishment: 1993

No. of employees: 60

Turnover (2008): EUR 6.4 million

Export ratio: 70%

- Tools for thermoplastic spare parts
- Tools for multi-component plastic spare parts

Our in-house professionals ensure high-quality construction, whether for an elastomer, a plastic part or a 2k tool. Application of state-of-the-art CAD/CAM technologies provides a sound basis for quality work. Euroform offers complete solutions, including parts lists, coupler, cooling and hydraulics plans.

Euroform's state-of-the-art machinery guarantees precise and cost-effective manufacturing. Manufacturing capacity is developed and extended through continuous investment and employee training. On special request, our professionals test the manufactured tool before delivery to ensure the durability of the product.

The continuous growth of quality expectations and increasing tool complexity require continuous development of quality assurance systems. Thanks to the application of the ISO 9001:2000 quality assurance system across the entire organisation, Euroform is able to deliver top-quality tools tailored to clients' needs, at low cost and with short lead times.

## GNSZ Design Kft.

H-8248 Nemesvámos, Kossuth L. u. 1.

Phone: +36 88 265 072

Fax: +36 88 265 112

E-mail: gergely@gnsz.hu

Web: www.gnsz.hu

Managing Director: Gyula Gergely

Contact person: Imre Auersbacher

Languages: English, German

Phone: +36 88 265 072

E-mail: auersbacher.imre@gnsz.hu

Year of establishment: 1996

No. of employees: 40

Turnover (2008): EUR 2.5 million

Export ratio: 10%

### Primary activities:

Tools – for pressing and cutting sheet metal, for injection moulding

Engineering design – product design

Machining – CNC lathe-turning, CNC milling, CNC grinding, electro-erosion

### Products:

Tools, fittings, fasteners



### Volume:

Prototypes, unique pieces, small series, medium series

### Quality certificates:

MSZ EN ISO 9001:2001 (TÜV/SÜD)

### Supplied industries:

Automotive industry, machine industry, entertainment electronics, metal fittings and plastic parts

### Main references:

Benteler, Valeo, Velux, Rejlek, Dometal Kft., EMT, Gestamp, Tower Automotive, Gedia Automotive, MTD, Pepperl+Fuchs GmbH



### Main export markets:

The core activity of GNSZ Kft. is the design and manufacture of die tools of the following tool types: cutting, bending, drawing, progressive and transfer dies, including plastic injection moulding tools. Its customers are mainly suppliers to the automotive industry and companies requiring large quantities of metal or plastic parts. GNSZ engineers superior quality die tools and operates an efficient, prompt, flexible and experienced repair centre. This results in highly efficient tools that work reliably in the long-term. Precision is the fundamental determining factor in all of the company's work, from systematic design and planning stages to project implementation and execution. With 15 years of experience in the marketplace and a staff of some 40 employees, GNSZ Kft. is a continually expanding medium-sized business, considered by customers to be a dependable, competent partner providing tailored solutions to all unique toolmaking challenges.

## LOSONCZI

## Losonczi Kft.

H-5600 Békéscsaba, Kétegyházi út 3.

Phone: +36 66 442 742 ext. 125 and 148

Fax: +36 66 442720

E-mail: istvan.losonczi@losonczi.hu

Web: http://www.losonczi.hu

Managing Director: István Losonczi

Contact person: Ferenc Lovai

Languages: German, English

Phone: +36 66 442 742 ext. 148

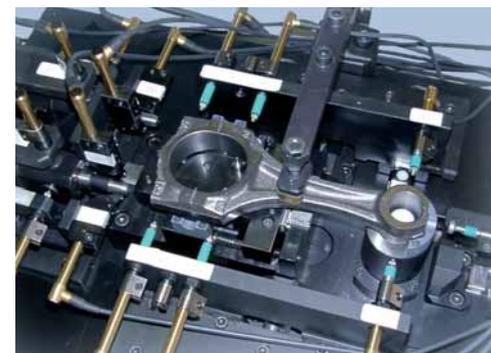
E-mail: ferenc.lovai@losonczi.hu

Year of establishment: 1995

No. of employees: 22

Turnover (2008): EUR 1 million

Export ratio: 20%



### Primary activities:

Tools – for machining

Machining – machining centres, 5-axis CNC milling, CNC lathe-turning

Engineering design – 3D planning

### Products:

Tools, tool-holders, fixtures and measuring equipment

### Volume:

Prototypes, unique pieces, small series

### Quality certificates:

ISO 9001, ISO14001

### Supplied industries:

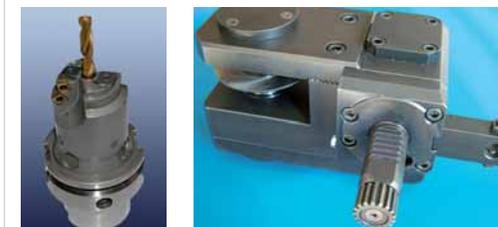
Automotive industry, machine industry, railway industry, power generation industry

### Main references:

LINAMAR Hungary Rt., Paks Nuclear Power Plant Zrt., IPTECH Kft., Hungaro SLR, VAMAV Kft., GE Hungary Kft., Audi Hungária Motor Kft., CERATIZIT Logistik GmbH., HELMER Werkzeugmaschinen GmbH.

### Main export markets:

Germany, Austria, Romania, Slovakia, Slovenia, Bulgaria, Czech Rep.



Losonczi Kft. was established on 1 December 1995, initially as a one-man operation focusing on distribution. As the market required special tools, the company entered into manufacturing. The company continues to follow a path of ongoing development and production of high-quality cutting tools. The company's products extend from design, manufacture and supply of special tools, parts and measuring equipment according to the unique requirements of customers to manufacturing and supply of standard tools and workpiece holders. Products include turning toolholders (DIN 69880) and milling toolholders (DIN 2080, DIN 69871, MAS BT, HSK), turning tools with indexable inserts, milling and countersinking tools with indexable inserts, measuring equipment and special purpose parts and accessories.

## Payer Industries Hungary Kft.

8400 Ajka, Sport utca 27.

Phone: +36 88 520 000

Fax: +36 88 520 002

E-mail: office.hungary@payergroup.com

Web: www.payergroup.com

Managing Director: Gábor Bárány-Helmik

Contact person: Zoltán Szabó

Languages: German, English

Phone: +36 88 520 019

E-mail: zoltan.szabo@payergroup.com

Year of establishment: 1946

No. of employees: approx 500

### Primary activities:

Tools – for injection moulding, for machining, for pressing and cutting sheet metal

Assembly – mechanical

Engineering design – 3D planning, product design



### Products:

Tools

### Volume:

Large series, medium series

### Supplied industries:

Machine industry, health care

### Main references:

Philips

## Pidental Fogászati Gyártó Kft.

1141 Budapest, Szugló u. 85.

Phone: +36 1 251 4944

E-mail: sales.pidental@pidental.hu

Web: www.pidental.hu

Managing Director: Tibor Hegedűs

Contact person: Gyöngyi Pál

Languages: English, Russian

Phone: +36 1 2514944

E-mail: sales.pidental@pidental.hu

Year of establishment: 2000

No. of employees: 17

Turnover (2008): EUR 1 million

Export ratio: 95%

### Primary activities

Tools – for metal casting, for machining

### Products

Tools

### Volume

Small series

### Quality certificates:

TÜV GS, MSZ EN ISO 9001:2009

### Supplied industries:

Dental Laboratories

### Main export markets:

France, Germany, Poland, Russia, Romania



Our company is a Hungarian private firm. We have been producing dental laboratory equipment since 1982. In the beginning we produced a wide range of machines, but in 1994 we changed our policy and started to manufacture sophisticated products with high value added. First we developed our high frequency induction casting machine. This was the first desktop casting machine in the world and at that time it was a revolutionary solution that quickly lead us to the position of a respected producer. As a next step we constructed our high precision milling unit, which also turned out to be a very successful product on the market. So, presently our most important products are the casting machine and the milling unit.

## TOOL PRODUKT Kft.

5000 Szolnok, Nagysándor József út 31.

Phone: +36 56 422 777

Fax: +36 56 422 777

E-mail: [iroda@toolprodukt.hu](mailto:iroda@toolprodukt.hu)

Web: [www.toolprodukt.hu](http://www.toolprodukt.hu)

Managing Director: Gyula Súrú

Contact person: Gyula Súrú

Languages: German

Phone: +36 70 312 49 74

E-mail: [surugyula@toolprodukt.hu](mailto:surugyula@toolprodukt.hu)

Year of establishment: 1996

No. of employees: 35

Turnover (2008): EUR 2,5 million

### Primary activities:

Machining – grinding, CNC grinding  
Surface treatment – powder-coating  
Engineering design – product design

### Semi-finished products:

rods

### Products:

Tools



### Volume:

Unique pieces large series, medium series, small series



## Z-form Kft.

1087 Budapest, Asztalos S. u. 4.

Phone: +36 1 477 10 01

Fax: +36 1 210 90 64

E-mail: [mail@zform.hu](mailto:mail@zform.hu)

Web: [www.zform.hu](http://www.zform.hu)

Managing Director: Boldizsár Zakariás

Contact person: Katalin Temesvári

Languages: German, English

Phone: +36 1 477 10 01

E-mail: [mail@zform.hu](mailto:mail@zform.hu)

Year of establishment: 1990

No. of employees: approx. 45

Turnover (2008): EUR 3 million

Export ratio: 80%



### Primary activities:

Tools – moulds for the rubber and plastic industry  
Machining – machining centres, electro-erosion, CNC  
lathe-turning, CNC milling  
Engineering design – 3D planning

### Products:

Tools

### Volume:

Unique pieces

### Quality certificates:

EN ISO 9001:2008

### Supplied industries:

Automotive industry, construction industry

### Main references:

**Rubber Division:** Contitech, ZF-Boge, Dräxlmaier, Federal Mogul, Henniges, Trelleborg Automotive, Vorwerk Autotech, Mündener Gummiwerke, Kromberg&Schubert, Richard Fritz, Ten Cate Enbi, Knorr&Macho, Zorge, Kaloplasztik, T-Plasztik, Tauril

**Plastic Division:** Cascade Engineering, OLHO, Electrolux, FESTO, JAMA, Kromberg & Schubert, Möllerflex, Phoenix Mecano, Prettl, Reum, Videoton, Audi, Bielomatik, Contitech

### Main export markets:

Germany, Austria

Z Form was incorporated more than 30 years ago to meet the injection-moulding tool demands of Hungarian companies involved in the manufacture of specialist rubber products. In addition to meeting domestic demand, the company soon became a partner of several well-known Western European automotive suppliers. Z Form's work continues to meet the highest technical standards and deliver reliable services at competitive prices. As a result, the companies for which we have been delivering injection moulding tools and equipment since the mid 70s are still among our most important partners. Today, the company – as a supplier to rubber and plastic injection moulding companies – provides the full spectrum of services from the design of moulds through manufacturing and testing, right up to servicing and consultation. Components produced with the moulds manufactured by Z Form can be found in almost every car and domestic appliance in Europe.

The majority of leading Z Form team members have proven track records in several fields of mould manufacturing and therefore possess the experience and insight to satisfy the technical and quality requirements of even the most demanding customers.



Metal Technology  
in **Hungary**



## **METAL CONTAINERS**

**Cooptech**

**HND Stahl**

**Miskolc Diósgyőri Vasipari**

**Patent**

## Cooptech Kft.

2330 Dunaharaszti, Soroksári út 9.

Phone: +36 24 470 008

Fax: +36 24 471 081

E-mail: [cooptech@cooptech.hu](mailto:cooptech@cooptech.hu)

Web: [www.cooptech.hu](http://www.cooptech.hu)

Managing Director: György Várnai

Contact person: Géza Toldi

Languages: English

Phone: +36 24 470 008 ext. 15

Mob. +36 30 229 54 75

E-mail: [geza.toldi@cooptech.net](mailto:geza.toldi@cooptech.net)

Year of establishment: 1992

No. of employees: 120

Turnover (2008): EUR 9 million

Export ratio: no export

### Primary activities:

Welding – stainless steel, MIG, MAG, WIG (TIG)

Engineering design – 3D planning

Metal tanks – pressure vessels

### Semi-finished products:

tubes

Design, manufacturing, supply, installation, commissioning, IQ, OQ of clean utilities and clean systems for pharmaceutical, petrochemical and food industry

### Products:

Metal tanks, stainless steel piping systems, CIP, CIP-SIP stations, biowaste neutralisation stations, transfer and mixing vessels; inside roughness Ra < 0,5

### Volume:

Unique pieces, small series, prototypes

### Quality certificates:

ISO 9001:2000; AD 2000 Mb HPO; TRD 201; EN ISO 3834-2; EN ISO 3834-2:2005; PED 97/23/EG modul G and B+F



### Supplied industries:

Pharmaceutical industry, petrochemical industry, construction industry

### Main references:

GlaxoSmithKline, Sanofi/Aventis-Chinoin, TEVA, Richter Gedeon, CEVA-Philaxia, Rauch, Coca-Cola, Pepsi-Cola

Cooptech Kft. was established in 1992, but the founder members of the company have been working together since 1983. Today, Cooptech serves the pharmaceuticals, chemicals, food and beverage industries through the design, production and construction of vessels, tanks, process pipelines and the engineering of entire process flows.

- CIP and CIP-SIP systems
- Hygienic systems and equipment
- Technological systems, including pipelines
- Pressure vessels, equipment, apparatus and chemicals tanks for the pharmaceuticals, food and beverage industries
- Design, installation and commissioning of the above systems
- Prime contractor activity

Cooptech's annual turnover is EUR 8-9 million. Production can take place in the company's own workshop, which is equipped with the necessary lifting equipment, special machinery, welding apparatus and tools.

The Quality Assurance Management System in place at Cooptech corresponds to the ISO 9001:2000 and PED 97/23/EG G and B+F module.



## HND Stahl Kft.

2890 Tata, Nagysándor J. u. 11.

Phone: +36 34 573 074

Fax: +36 34 999 277

E-mail: [info@hndstahl.hu](mailto:info@hndstahl.hu)

Web: [www.hndstahl.hu](http://www.hndstahl.hu)

Managing Director: Kázmér Gáspárek

Contact person: Szilvia Holicsek

Languages: English, German

Phone: +36 30 7400 573

E-mail: [info@hndstahl.hu](mailto:info@hndstahl.hu)

Year of establishment: 1996

No. of employees: 20

Turnover (2008): EUR 1 million

Export ratio: 15%

### Primary activities:

Metal tanks – pressure vessels, ordinary vessels

Welding – stainless steel, steel constructions, aluminum

Cutting and bending – sheet metal bending, punching

### Products:

Metal tanks

### Volume:

Prototypes, unique pieces, small series, medium series

### Quality certificates:

ISO 9001:2009; MSZ EN ISO 3834:2; AD 2000 Merkblatt, 11/1994 IKM; 119/2004 GKM

### Supplied industries:

Petrochemical industry, pharmaceutical and chemical industries, machine industry, food industry

### Main references:

Thyssen-Krupp (D), Bavarian Breweries & Industries (USA), Fries (D), Frings (A), GEA Barr-Rosin (GB), Grundfos (H), Güntner-Tata (H), Győri Szeszgyár (H), I-Technology (A), KFKI (H), MOL (H), Sauska Winery (H), Tokaj Oremus (H), Vandamme (B), Walter Fricker GmbH. (D), Water Group (F), Zenon (H)

### Main export markets:

Germany, Austria, France, Great-Britain

HND Stahl Kft., founded in 1996, manufactures high-quality, long-life stainless steel tanks and structures to order on international and domestic markets. Its main clients are in the wine, beer and spirits industries, food and meat processing, chemicals, pharmaceuticals and water treatment industries, as well as research and development. The majority of HND Stahl products are constructed from stainless steel and aluminium.

HND Stahl follows the quality requirements formulated in its ISO 9001 quality assurance system, including strict quality controls in fabrication and final acceptance testing.



The majority of HND Stahl welders possess welding certificates from accredited organisations and the company applies the requirements of the comprehensive MSZ EN ISO 3834-2 quality assurance system to the fusion welding of metals.

Through the manufacturing and controlling requirements of the German AD 2000 Merkblatt standard, HND Stahl also complies with the guidelines of the European MSZ EN 13445 norm. As a result, in addition to standard storage tanks, the manufacturer is also able to produce storage tanks for inflammable and explosive liquids, and for dangerous materials as well as pressure tanks.

## Miskolc-Diósgyőri Vasipari Kft.

H-3534 Miskolc, Baráthegyalja utca 4.

Phone: +36 30 205 7825

Fax: +36 46 508 406

E-mail: [merai.csaba@chello.hu](mailto:merai.csaba@chello.hu)

Web: [www.optimagroup.hu](http://www.optimagroup.hu)

Managing Director: Csaba Mérai

Contact person: Csaba Mérai

Languages: English

Phone: +36 30 205 7825

E-mail: [merai.csaba@chello.hu](mailto:merai.csaba@chello.hu)

Year of establishment: 2005

No. of employees: 5

Turnover (2008): EUR 250,000

Export ratio: 20%

### Primary activities:

Storage products –pails for paints, glues etc.

### Products:

Storage products –pails for paints, glues etc.

### Volume:

Medium series

### Supplied industries:

Petrochemical industry

### Main references:

Mol Nyrt (Hungary), Borsodchem Zrt.(Hungary), Bogdány Petrol Kft. (Hungary)

### Main export markets:

Czech Republic



## PATENT Kft.

H2700 Cegléd, Bűrgeház dűlő

Phone: +36 53 505 585

Fax: +36 53 505 579

E-mail: [patent@patent.hu](mailto:patent@patent.hu)

Web: <http://patent.hu>

Managing Director: Géza Gazdag, János Burovincz

Contact person: Géza Mózes

Languages: English

Phone: +36 53 505 585, +36 30 439 0002

E-mail: [mozes.geza@patent.hu](mailto:mozes.geza@patent.hu)

Year of establishment: 1989

No. of employees: 50

Turnover (2009): EUR 4 million

Export ratio: 45%



Miskolc-Diósgyőri Vasipari Kft. has been operating independently since the summer of 2005, fabricating cylindrical pots with capacity ranging from 0.5 litres to 28 litres for thinner, water-based and non-water-based paints, oils, powders, artificial resins, glues and hazardous waste. The company sells its products in their natural colour or lithographed in one, two or more colours. Its leading product is the 15-28 litre crown-capped pail, of which it produces and sells 50,000 each year. Following quality control and overpressure leakproofness examinations, the products are shrink-wrapped and packed on EU-compliant pallets. The ready-wrapped height of the pallets is generally 180 cm but this can be raised for the transportation of tapered pails. In addition to pail production, Miskolc-Diósgyőri Vasipari Kft. also has 25-40-ton presses and seam resistance welders at its disposal and is able to plan, manufacture and emboss cold forming, cutting punch and plastic moulding tools.

### Primary activities:

Pressing – press brakes

Cutting- water jet

Cutting and bending – sheet metal bending

Welding – MIG, MAG, WIG (TIG), stainless steel

### Products:

Stainless steel vessels and tanks

### Volume:

Custom made equipment, small series

### Quality certificates:

AD 2000 Merkblatt, DN6700, ISO 9001:2000

### Supplied industries:

Food, chemical, pharmaceutical, power, petrochemical

### Main references:

Hosokawa Micron, IKA Werke GmbH, GE, GEA Group (Buck, Barr-Rosin, etc.)

### Main export markets:

Germany, Austria, The Netherlands, Denmark

Patent Kft. was established in 1989 by Géza Gazdag and János Burovincz.

The company specialises mainly in the fabrication of storage tanks, pressure tanks and specialised tanks for various applications in the food industry, pharmaceuticals and chemicals. To meet the requirements of the market, Patent is placing increasing emphasis on the establishment of infrastructure for the production of high-quality tanks and agitated tanks. The company has obtained a licence to produce pressure tanks not only in Hungary but also in Germany thanks to AD 2000 Merkblatt HPO and DIN EN 729-2 certifications. Patent Kft. also has DIN 6700 certification allowing it to meet the requirements of the German Railways and the MSZ EN ISO 9002 quality assurance system to coordinate its activities when meeting special requirements. Patent is



also gaining experience in the production of pharmaceutical IBCs (Intermediate Bulk Containers), storage tanks and agitated vessels.

The manufacturer's annual turnover now exceeds EUR 4,0 million and Patent Kft. is continuously strengthening its position on the market.



Metal Technology  
in **Hungary**



## **FASTENINGS**

**Csavar és Húzótag**

**Elcometal**

**Uniriv**

## Csavar és Húzottáru Zrt.

H-3571 Alsószolca, Gyár u. 3.

Phone: +36 46 406 000

Fax: +36 46 406 946

E-mail: titkar@ch-rt.hu

Web: www.ch-rt.hu

Managing Director: Zsuzsanna Szalai

Contact person: Gábor Vas

Languages: German, English

Phone: +36-46-887525

E-mail: vas.gabor@ch-rt.hu

Year of establishment: 1989

No. of employees: 160

Turnover (2008): EUR 11 million

Export ratio: 20%

### Primary activities:

Machining – machining centres, drilling  
Cutting and bending – CNC, tubes and sections  
Semi-finished products: rods

### Products:

Fasteners

### Volume:

Small series, medium series, large series

### Quality certificates:

ISO/TS 16949; ISO 14001; PED 97/23/EC Annex1,4.3.

### Supplied industries:

Machine industry, automotive industry, railway industry,  
construction industry

### Main export markets:

Germany, Romania, Slovakia



Csavar-és Húzottáru Zrt. is a family-owned company with two major business units. The first is a cold finishing unit producing drawn, peeled and ground steel in bars and coils. These semi-finished materials are passed on to the second business unit which manufactures a variety of fastenings, turned, forged and heat-treated products for the automotive, construction and machine building industries and for the railways.



**Elcometal**  
FASTENER PRODUCER

## ELCOMETAL Kft.

6725 Szeged, Hattyas u. 12/a

Phone: +36 62 474 333

Fax: +36 62 488 764

E-mail: czako@elcometal.hu

Web: www.elcometal.hu

Managing Director: Istvan Horváth Czakó

Contact person: Dr. Zsolt Horváth Czakó

Languages: English

Phone: +3662 474 333

E-mail: zsolt.hczako@elcometal.hu

Year of establishment: 1989

No. of employees: 51

Turnover (2008): EUR 4 million

Export ratio: 70%

### Primary activities:

Pressing – eccentric presses, transfer presses, press brakes  
Stamping  
Logistics, warehousing

### Products:

Fasteners: Bolts, Screws, Rivets, Nuts, Axles, Welding screws,  
Welding nuts

### Volume:

Medium series, large series

### Quality certificates:

ISO/TS 16949:2002

### Supplied industries:

Automotive industry

### Main references:

ZF Lenksysteme, Böllhoff, Raba, U-Shin, Kellner&Kunz,  
Hermann Peters GmbH, Sisu, Onnin, BPW, Remy Au-  
tomotive

### Main export markets:

Germany, Austria, Slovakia, France

Elcometal Kft. operates two privately owned 7,500 m<sup>2</sup> factory plants in the Hungarian cities of Szeged and Győr (60 km from Bratislava). These produce bolts, screws, customer-designed parts and components, as well as standard parts. Finished product dimensions range in diameter up to 23 mm and in length up to 200 mm. Elcometal's main goal is to provide its customers with consistent high quality while meeting increasing demands and maintaining flexibility through the application of failure-prevention methods and processes aimed at preventative quality assurance (FMEAs, SPC, IMDS and PPAP). Thanks to the company's large production capacity, delivery lead times are short and even the most specific customer demands can be quickly satisfied. Elcometal complies with the ISO/TS 16949:2002 quality assurance standard.





## UNIRIV Kft.

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Web: [www.uniriv.hu](http://www.uniriv.hu)

Managing Director: Antal Pócza

Contact Person: Zsolt Ravadich

Languages: English

Phone: +3694365102

E-Mail: [zsolt.ravadich@uniriv.hu](mailto:zsolt.ravadich@uniriv.hu)

Year of Establishment: 1991

No. of Employees: 70

Turnover (2008): EUR 2.9 million

Export Ratio: 51%

### Primary activities:

Pressing, stamping  
Surface treatment – galvanization (zinc)

### Products:

Fasteners, wire products

### Volume:

Large series, medium series, small series

### Quality certificates:

ISO 9001:2008; ISO TS 16949:2009

### Supplied industries:

Automotive industry, machine industry, construction industry

### Main references:

Audi, LuK, U-Shin Europe Kft, BOS, Gebr. Titgemeyer GmbH

### Main export markets:

Germany, Poland, Slovakia, other EU countries



Uniriv Ltd. is the only rivet factory in Hungary and Central Europe. Founded in 1991 and now employing 65 people in a state-of-the-art 3,800 m<sup>2</sup> plant, Uniriv manufactures a wide range of fasteners, the size and quality of which comply with widespread standards and regulations. The company's specialist products can solve any fastening problem and custom dimensions or materials do not pose a problem.



Uniriv products are manufactured to the highest standard thanks to automated, programme-controlled production lines. The company was among the first in Hungary to attain ISO 9001 and ISO/TS 16949 certification for its quality assurance systems in accordance with the regulations, achieving ISO 14001 approval in August 2007.

Thanks to its quality-oriented production techniques, ongoing product development and intensive marketing, Uniriv is ready to meet the challenges of the third millennium by producing the fasteners of the future.

## Metal Technology in Hungary



## OTHER FINISHED PRODUCTS

**Boskrom**

**Cooptim**

**Doherty**

**Fireplace**

**Frekvencia 2000**

**Metalconstruct**

**Pikopack**

**Produktum**

**Rába Futómű**

## Boskrom Kft.

Phone: +36 46 530 484  
 Fax: +36 46 530 483  
 E-mail: [marketing@boskrom.hu](mailto:marketing@boskrom.hu)  
 Web: [www.boskrom.hu](http://www.boskrom.hu)  
 Managing Director: Laszlo Bosko  
 Contact person: Zsuzsanna Bosko  
 Languages: English  
 Phone: +36 20 320 69 77  
 E-mail: [marketing@boskrom.hu](mailto:marketing@boskrom.hu)  
 Year of establishment: 1995  
 No. of employees: 62  
 Turnover (2008): EUR 2 million  
 Export ratio: 82%

### Primary activities:

Engineering – design – Manufacturing: mining, metallurgy, pressing and lifting hydraulic systems  
 Hard chrome plating

### Products:

Hydraulic cylinders  
 Hydraulic components

### Volume:

Prototypes, small series, medium series, large series

### Quality certificates:

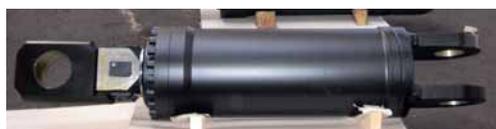
ISO 9001

### Supplied industries:

Machine industry, metallurgy, mining, railway industry, power generation industry

### Main export markets:

Germany, France, The Netherlands, Austria, Czech Republic



Boskrom Kft. has the technical knowhow and expertise to engineer and manufacture hydraulic cylinders and systems for a variety of applications even for extremely critical ones. The Boskrom hydraulic cylinder provides reliability you can count on year after year and with minimal maintenance.

Boskrom produces single-acting and double-acting cylinders, braked and unbraked cylinders in 40-300 mm in diameter and up to 3000 mm in length. The wide range of encased parts (barrel, ball-joint, ball-bearing, joint tie, banded joint, traverser and branched parts) satisfy all customer demands.

Core products include hydraulics for mining, agricultural and industrial applications, mainly in the building, engineering, heavy, food, rubber, plastic and forest industries; telescopic and custom-designed and manufactured cylinders.

The company uses mobile galvanic technology to refurbish costly equipment without disassembly. Based on its wide range of machining capacity, Boskrom also is engaged in spare parts production and manufacture of steel structures, as well as hard chrome plating, machining and honing.



## Cooptim Ipari Kft.

### Primary activities:

Machining – lathe-turning, machining centres, milling, CNC milling, CNC grinding, drilling  
 Production of wire feed systems for welding machines

### Products:

Gears, wire feed mechanisms, feed rolls, gear wheels, wire straightener, central adaptors, reel hub assemblies, machine handles and knobs

### Volume:

Large and small series as well

### Quality certificates:

ISO 9001:2008

### Supplied industries:

Machine industry, automotive industry

### Main references:

The Lincoln Electric, USA; Lincoln Electric Bester, Poland; SKS, Germany, Erfi, Germany; Solgar, Spain; Alexander Binzel, Germany; Soldadoras INFRA, Mexico; A.O. Smith, UK

### Main export markets:

Germany, Poland, Slovakia, Czech Rep, China, Japan, Russia, Mexico, USA, Spain, Australia

Cooptim Ipari Kft. was formed from 100% Hungarian capital in 1990. Its two core activities are the manufacture of wire feed systems and production of spare parts for welding machines and domestic sales of welding products. The products the company manufactures are all in-house developments, some of them patented. Almost the entire production is exported to 45 countries around the world. Cooptim's 4,300 m<sup>2</sup> production plant is equipped with both traditional and CNC machines.

2030 Érd, Budafoki út 10.

Phone: +36 23 521 400

Fax: ++36 23 521 419

E-mail: [info@cooptim.com](mailto:info@cooptim.com)

Web: [www.cooptim.com](http://www.cooptim.com)

Managing Director: Lajos Kerekes, Antal Natta

Contact person: Éva Sólyom

Languages: English, German

Phone: +36 23 521410

E-mail: [solyom@cooptim.com](mailto:solyom@cooptim.com)

Year of establishment: 1990

No. of employees: 56

Turnover (2008): EUR 7 million

Export ratio: 40%



## Doherty Hungary Kft.

H-5900 Orosháza, Gyártelep u. 2.

Phone: +36 68 473 396

Fax: +36 68 473 395

E-mail: [sales@doherty.hu](mailto:sales@doherty.hu)

Web: [www.dohertygroup.com](http://www.dohertygroup.com)

Managing Director: Jim Doherty

Contact person: István Pataki

Languages: English

Phone: +36 68 473 396 Ext. 119

E-mail: [istvan.pataki@doherty.hu](mailto:istvan.pataki@doherty.hu)

Year of establishment: 1998

No. of employees: 95

Turnover (2008): EUR 5 million

Export ratio: 80%



### Primary activities:

Machining – CNC lathe-turning, CNC grinding, CNC gear cutting, spline knurling, multispindle turning  
Heat treatment – Induction Hardening

### Products:

Shafts, spindles, multispindle turned parts

### Volume:

Large series

### Quality certificates:

ISO TS 16949, ISO 9001, ISO 14001



### Supplied industries:

Automotive industry, power tools, white goods

### Main references:

Bosch, TRW, Brose, IMI Norgren, Miele, BSH

### Main export markets:

Germany

Doherty Hungary Kft. specialises in the production of shafts for electrical motors. DH's core in-house operations are turning, grinding, induction heat treatment, spline rolling and gear cutting of bars from 6mm to 32 mm in diameter. Sectors supplied are automotive, white goods and power tools and the company is TS16949 and ISO14001 approved.



## Fireplace Kft.

H-3553 Kistokaj, Állomás u. 7.

Phone: +36 46 529318

Fax: +36 46 529355

E-mail: [info@fireplace.hu](mailto:info@fireplace.hu)

Web: [www.fireplace.hu](http://www.fireplace.hu)

Managing Director: Sarolta Fülöp

Contact person: János Sólyom

Languages: English, French

Phone: 36 46 591 000 Ext. 129

E-mail: [solyom@fireplace.hu](mailto:solyom@fireplace.hu)

Year of establishment: 1994

No. of employees: 170

Turnover (2008): EUR 13 million

Export ratio: 95%

### Primary activities:

Cutting – laser  
Welding – steel constructions, MIG, MAG, WIG (TIG)  
Pressing – eccentric presses  
NC bending of sheets

### Products:

fireplaces

### Volume:

Medium series

### Supplied industries:

Construction industry

### Main references:

OBI, Hornbach, Hagebau, Bauhaus, Otto (department stores in Germany) RWE Rheinbraun AG (Frechen, Germany)

### Main export markets:

Germany, Denmark, Norway, Switzerland, France



Fireplace Kft., based in the industrial heartland of Miskolc, was established in 1994 for the manufacture of fireplaces and stoves. Today, the company is among the five top fireplace and stove suppliers to the DIY store segment. The quality of its products is controlled according to EU-DIN standards by RWE Power Rheinbraun AG (Frechen, Germany).



## Frekvencia 2000 Kft.

3793 Sajóecseg, Állomás u. 53.

Phone: +36 46 503 908

Fax: +36 46 503 908

E-mail: [frekvencia@t-online.hu](mailto:frekvencia@t-online.hu)

Web: [www.frekvencia2000kft.hu](http://www.frekvencia2000kft.hu)

Managing Director: József Rabi

Contact person: Péter Barna

Languages: English

Phone: +36 46 503-908

E-mail: [frekvencia@t-online.hu](mailto:frekvencia@t-online.hu)

Year of establishment: 1997

No. of employees: 40

Turnover (2008): EUR 1.4 million

### Primary activities:

Surface treatment – manual painting  
Semi-finished products: tubes

### Products:

Fittings, hydraulic components, metal hoses

### Volume:

Small series

### Quality certificates:

ISO 14001:2004; ISO 9001:2008

### Supplied industries:

Petrochemical industry



### Main references:

BorsodChem; Dunaferri; TVK, Paks Nuclear Power Station

Frekvencia 2000 Kft. is a specialist of corrosion protection services, the servicing of conveyor belts, the assembly of hydraulic PTFE (Teflon) and metal hoses. The company also manufactures plastic doors and windows and is a distributor of metal expansion joints. Its core activities include:

- Corrosion protection of steel tanks, railway tanks, fittings and special vessels, etc. using rubber foils, Deracane works. Frekvencia has vast experience in rubber coat applications for corrosion protection.
- Metal hose assembling - Corrugated hoses with various wall thickness, flexibility and corrugation (pressure hoses, protecting hoses, delivery hoses) with optional metal braiding and couplings. Dimensions: DN8-DN200; Temperature: to +600 °C; Pressure: up to 160 bar



## Metalconstruct Zrt.

H-6000 Kecskemét, Fűzfás köz 3.

Phone: +36 76 482 233

Fax: +36 76 481 408

E-mail: [info@metalconstruct.hu](mailto:info@metalconstruct.hu)

Web: [www.metalconstruct.hu](http://www.metalconstruct.hu)

Managing Director: János Bogár

Contact person: Dr. András Edelenyi

Languages: English, German, French

Phone: +36 30 228 3739

E-mail: [andras.edelenyi@metalconstruct.hu](mailto:andras.edelenyi@metalconstruct.hu)

Year of establishment: 1951

No. of employees: 136

Turnover (2008): EUR 9 million

Export ratio: 90%

### Primary activities:

Welding aluminium, MIG, MAG  
Casting – gravity casting – aluminium  
Assembly – mechanical  
Stamping  
Cutting – saw  
Sheet metal processing, pipes' cold drawing, heat treatment, CNC lathe turning

### Products:

Fittings, fasteners  
Aluminium scaffolding, gravity-cast parts, formwork, sheet metal boxes, cold drawn pipes, cast Al-parts, welded/assembled Al and Al+composite structures

### Volume:

Prototypes, unique pieces, small series, medium series

### Quality certificates:

ISO 9001/2008, SLV DIN 4113 C, DIN EN ISO 3834-2

### Supplied industries:

Construction industry, logistics, machine, railway industry, automotive industry

### Main references:

PopUP Ltd. (UK); Skyworks B.V, Faes B.V. (NL); NOE GmbH, Allit GmbH (D)

### Main export markets:

United Kingdom, the Netherlands, Germany, Norway, Denmark, Austria, Spain



With more than 50 years in the aluminium processing industry, Metalconstruct Zrt. offers a wide range of mainly traditional, manual aluminium technologies. The standard product portfolio includes scaffolding, welded/assembled aluminium structures for logistics (pallets, racks, trolleys, collapsible/stackable gitter boxes, etc.), sheet and drop-eye sheet aluminium boxes, gravity cast aluminium parts and cold-drawn tubes/pipes. Some turnover is also generated by the supply of tailor-made products to partner customers. Additional processing (machining, cutting, surface treatment, etc.) can be delivered through subcontractors.



www.pikopack.hu

## Pikopack Zrt

3390 Füzesabony, Kerecsendi u. 123.

Phone: +36 36 543 500

Fax: +36 36 344 704

E-mail: marketing@pikopack.hu

Web: www.pikopack.hu

Managing Director: Sándor Tóth

Contact person: Zsolt Dávid marketing manager

Languages: English, German

Phone: +36 36 543 517, mobile: +36 30 602 32 56

E-mail: david.zsolt@pikopack.hu

Year of establishment: 1969

No. of employees: 400

Turnover (2008): EUR 25.05 million

Export ratio: 70%

### Primary activities:

Storage products – boxes, containers  
Engineering design – product design

### Products:

Metal tanks, aerosol cans, food cans, tube production

### Volume:

Large series



### Quality certificates:

1996: ISO 9001; 2002: renewal of ISO 9001; 2003: ISO 9001-2000, ISO 14001, HACCP; 2008: TIC renewal of ISO 9001-2000 and 14001.

### Supplied industries:

Food, chemical, cosmetic, healthcare industry

### Main references:

Reckitt Benckiser, Sara Lee, Dalli Gruppe, Mann & Schröder, Lybar, Dramers, Jago, Pharma, U.S. Chemical & Plastic,

### Main export markets:

Germany, Austria, Poland, Czech Republic, USA

Pikopack supplies metal packaging items, predominantly three-piece necks for aerosol cans, tinned food cans and aluminium tubes.

## PRODUKTUM KFT

## Produktum Kft.

### Primary activities:

Engineering/manufacturing and trade  
Manufacturing aluminium structures, cutting, welding, turning, chipping  
Engineering design  
Cutting and bending  
Machining – lathe turning, milling  
Welding – MIG, MAG, WIG (TIG)

### Products:

Storage products – ladders  
Maintenance stands for vehicle industry  
Tools for airplane maintenance



### Volume:

Small series, prototypes

### Quality certificates:

TÜV-NORD certificates

### Supplied industries:

Machine industry, railway industry, aerospace industry, power generation industry

### Main references:

Lufthansa Technik Budapest, Aeroplex, Alstom, Bombardier-MÁV, AUA AG, Montenegro Airlines, Arcelormittal, Auchan

### Main export markets:

Montenegro, Austria, Switzerland

1182 Budapest, Olt u. 12.

Phone: +36 1 291 0460

Fax: +36 1 291 0460

E-mail: aluprodukt@produktum.hu

Web: www.produktum.hu

Managing Director: Ágnes Molnár-Szarvas

Contact person: Ferenc Szarvas

Language: English

Phone: +36 1 291 0460

E-mail: aluprodukt@produktum.hu

Year of establishment: 1998

No. of employees: 5

Produktum Kft. designs and produces tools and metal structures for the aviation and related industry. Its products include welded aluminium structures, maintenance stands for aviation and vehicle industries, as well as for railway, bus, automotive and logistics companies. Latest development is a compressor washing rig for V2500 and CFM 56 airplane engines.

Produktum also provides translation from and into English and German.





## Rába Axle

9027, Győr, Martin u. 1.

Phone: +36 96 622 600

Fax: +36 96 624 069

E-mail: axle@raba.hu

Web: <http://www.raba.hu>

Managing Director: István Pintér

Contact person: Balázs Döbrösi

Language: English

Phone: +36 96 624 349

E-mail: balazs.dobrosi@raba.hu

Year of establishment: 1999

No. of employees: 1415

Turnover (2008): EUR 146 million

Export ratio: 88%



### Primary activities:

Forging – steel

Pressing

Tools – for forging and machining

Machining – machining centres, milling, grinding etc.

Surface treatment – galvanization (zinc)

Assembly – mechanical

### Products:

Complete axles for commercial vehicles

Components for commercial vehicles

Gears

### Volume:

Medium series: complete axles for commercial vehicles;

large series: components for commercial vehicles

### Quality certificates:

DIN EN ISO 9001:2000, ISO/TS16949, VDA 6.1; QS 9000.

### Supplied industries:

Automotive industry

### Main references:

Marmon-Herrington, ArvinMeritor, Dana, John Deere, BPW, GAZ Group, Claas, Scania, Kamaz

### Main export markets:

USA, EU, CIS

Rába Axle Ltd. is among the top producers of independent axles and axle parts. Its Axle Business Unit specialises in the production and development of complete axles, main axle parts and spare parts. Rába Axle Ltd. can call on considerable experience and achievements in research and development, as well as the manufacture of axles and axle components. Its products are primarily installed in medium- and heavy-duty trucks, military trucks and speciality vehicles, such as tractors, construction equipment and buses.

# Associations

## Related employers' associations

### **Association of Hungarian Engineering and Energy Industries (MAGEOSZ)**

1012 Budapest, Kuny Domokos u. 13-15.

Telefon: +36 1 215 8868

E-mail: [mageosz@mageosz.hu](mailto:mageosz@mageosz.hu)

Web: [www.mageosz.hu](http://www.mageosz.hu)

### **Association of Hungarian Foundries**

1211 Budapest, Öntöde u. 10.

Postal address: H-1751 Budapest, Pf. 200/19.

Tel/fax: +36 1 420-4812 +36 1 420-4812

E-mail: [foundry@t-online.hu](mailto:foundry@t-online.hu)

Web: [www.foundry.matav.hu](http://www.foundry.matav.hu)

### **Association of the Hungarian Steel Industry**

1051 Budapest, Október 6. u. 7.

Postal address: 1373 Budapest 5., Pf.: 548.

Tel.: +36 1 327-5758 +36 1 327-5758

Fax: +36 1 317-2743

E-mail: [steel.hun@euroweb.hu](mailto:steel.hun@euroweb.hu)

Web: [www.mvae.hu](http://www.mvae.hu)

### **Association of the Hungarian Vehicle Component Manufacturers**

1119 Budapest, Bártfai u. 5/B

Tel./Fax: +36 1 203-8144 +36 1 203-8144

E-mail: [majosz@mail.datanet.hu](mailto:majosz@mail.datanet.hu)

Web: [www.majosz.hu](http://www.majosz.hu)

### **Hungarian Steel Structure Association**

1161 Budapest, Béla u. 84.

Tel: +36 1 405 2187

E-mail: [magesz@t-online.hu](mailto:magesz@t-online.hu)

Web: [www.magesz.hu](http://www.magesz.hu)

### **Hungarian Toolmakers' Association**

1139 Budapest, Lomb u. 31/C

Tel.: +36 1 350-8353 +36 1 350-8353

Fax: +36 1 329-5425

E-mail: [szmsz@szmsz.hu](mailto:szmsz@szmsz.hu)

Web: [www.szmsz.hu](http://www.szmsz.hu)



## ITD Hungary - A One-Stop Shop for Business

The government's investment and trade development agency was established in 1993 to promote inward investments and bilateral trade. With representative offices in eight regional centres of Hungary and a foreign network operating under Hungary's diplomatic services and by special assignments in 60 countries, ITD Hungary is a **single point of contact** to support decision-makers looking for new business opportunities in Hungary.

### The Agency's investment services include:

- In-depth, **tailored information on the local economy** and the legal environment; sector-specific overviews
- Liaising with local and central authorities, suppliers and service providers
- Information and advice on **available incentives** and finalisation of incentives agreements
- Assistance in accelerating permitting procedures, recruitment and visa procedures
- Mediation between companies operating in Hungary and the government sector to **improve the business climate**
- Support and generation of reinvestments
- Promotion of Hungarian direct investments abroad

Through a diverse set of marketing tools and support programmes, ITD Hungary offers substantial **logistical, financial and professional assistance** to both start-up and established Hungarian exporters. The Agency also co-ordinates the Hungarian activities of the Enterprise Europe Network, which, with a focus on innovative enterprises and innovation-related sectors, offers **support and advice to SMEs across Europe** and helps them make the most of opportunities in the European Union.



ITD Hungary develops and distributes **printed and electronic business literature** in a variety of languages. The Agency arranges **business programmes** for individual visitors and delegations, organises conferences, exhibitions, product showcases and other awareness and networking business events.

### Contact:

#### ITD Hungary Zrt.

H-1061 Andrásy út 12., Budapest, Hungary

Phone: +36 1 472 8150

**Orsolya Száva** *Consultant*, orsolya.szavai@itd.hu



**ITD**  
HUNGARY  
INVESTMENT AND TRADE  
DEVELOPMENT AGENCY

[WWW.ITDH.COM](http://WWW.ITDH.COM)

  
New Hungary Development Plan

