# METAL INDUSTRY STRONG BACKBONE

OF MEDIMURJE'S ECONOMY

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# **METAL INDUSTRY** STRONG BACKBONE OF MEÐIMURJE'S ECONOMY

Međimurje is a region located in the north of Croatia, known for its entrepreneurial spirit and quality of life as well as productive and resourceful but modest people. However, when it comes to metal processing we become passionate. Metal processing in Međimurje is not only an industry sector and source of revenue but much more. Experience, knowledge and skills we have today were gained by generations and made the metal industry one of the most propulsive sectors of the local economy. There are around 165 companies in the sector that, using modern technology, produce different components and end-products, from small tools to railway wagons, and which export mainly into countries of the EU.

In this brochure you will get familiar with distinguished metal processing companies in Međimurje and you will notice that in a relatively small area there is a significant pool of knowledge, technology and production capacity, i.e. cooperation potentials.

All of them are ready to accept new business partners and provide services and products of highest quality standards.

Products	Combined boilers (solid fuel, wood pellet, oil, gas), wood pellet boilers, wood pellet stoves and thermo stoves, wood burning stoves, solid fuel boilers, multi-stage boilers, oil and gas boilers, electric boilers, solar collectors, pellet tanks, accumulation tanks, open expansion vessels, gas flue elbows and pipes, boiler regulation, container boiler rooms, stainless steel boilers, hydrophors, other thermotechnic equipment.
The maximum weight or dimension of the product	25.000 kg; 4 m x 4 m x 25 m
Technological capabilities in manufacturing	laser cutting, robotic welding, automated bending, MIG / MAG, TIG, ACP, machining, cold forming
Significant hardware capacity	laser cutters for metal sheet, automated sheet benders, robotic units, machines and welding machines
Professional capacities in production	80 welders, 10 stainless steel welders, 10 robot welders, 10 laser operators, 40 preparation workers, 15 electronic technicians, 20 installation contractors







# CENTROMETAL Ltd.

CENTROMETAL Ltd. is a company that designs, improves and creates a superior product for demanding European and global customers. The company is successful and renowned and export-oriented to more than 30 markets worldwide. The company continually strengthens its competitiveness by investing significant resources in the modernization of production process and introduction of new technologies. The company produces thermotehnical equipment in its own production facilities.

Centrometal has its own research and development sector based on local expertise - training centre, testing facilities, modern technology park and diversified customer service.

The company successfully paves its way to the top European manufacturers of thermotehnical equipment. Since the emphasis is placed on the development of equipment which uses renewable energy sources (wood, pellets, chips, sun) the company has been actively involved in the protection of the environment and effective use of energy.



Products	Cabins, fuel and other tanks, metal housings, stairs, filters, bakery plants and units
The maximum weight or dimension of the product	50.000 kg
Technological capabilities in manufacturing	MAG/MIG, TIG i REL welding. We are able to weld construction, fine-grained and stainless steel, small and medium thickness aluminium alloy and GRP plastic. Lacquering is also available in our own painting facility.
Significant hardware capacity	Large CNC machine centres, lasers, plasma and gas cutting, CNC milling and turning, own paint facility, pipe bending (1000 t), robotic welding, 3D Faro measurement.
Professional capacities in production	41 mechanical engineers, 4 IWE engineers, 103 welders







#### EKO MEÐIMURJE Plc.



Through cooperation with world renowned manufacturers of machine equipment EKO MEÐIMURJE Plc. has proven great expertise and potential in the production of metal constructions and in satisfying all specific requirements of customers.

The main areas of our work are:



Products	Transformer tanks and components
The maximum weight or dimension of the product	Maximum weight per single component 32 t, height 7 m, width 4 m, length 12 m
Technological capabilities in manufacturing	MIG, MAG, TIG welding Light metal machining Turning up to ø648mm Milling up to 1600×1000×760 mm Facilities for surface preparation prior to painting by shot blasting Modern painting facility for wet painting by pouring and spraying
Significant hardware capacity	The line for production of corrugated walls, a necessary part of each distribution transformer tank. Machines for gas and plasma cutting, machines for bending sheet metal up to 6 m / 500 t, cutting machine for sheets up to 6 m in length, machines for welding of black and stainless steel by MIG, MAG and TIG procedures, overhead bridge cranes with capacity up to maximum 32 t
Professional capacities in production	105 locksmiths, 46 certified welders HRN EN ISO 9606-1, 6 mechanical engineers, 1 EWE, 1 EWT, 1 EWS/IWS, engineers qualified for MT level II, UT level II, 2 Frosio level III inspectors
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#### FEROKOTAO Ltd.

FEROKOTAO Ltd. is one of the largest manufacturers of tanks for distribution, energy and special transformers in the region following the tradition of manufacturing for more than 50 years. The company was founded in 1996 when it inherited know-how and experience from former company Končar-Feromont. Today the company is fully privately owned.

Our mission is to go beyond the expectations of our clients and to carefully nurture earned trust and mutual respect.

We are very proud of our employees and quality of our products and services. This is the main reason for constant improvement of our quality system by investing into modernisation, new technologies, education and motivation of our employees, never forgetting that satisfied customer is the best reference.

ISO 9001-2008 ISO 14000-2004

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Products	Machines for processing granite and marble, galvanized gratings, spark arresters and mufflers, fuel tanks, silos, pipelines, metal structures, mould for concrete, generator housings and transformer tanks, heat exchangers, circular sheet metal bender
The maximum weight or dimension of the product	Max. weight 30 t, dimensions: height x width x length = $4,5 \text{ m x } 5 \text{ m x } 18 \text{ m}$
Technological capabilities in manufacturing	MAG, REL, TIG welding, blasting and corrosion protection, CNC plasma cutting, circular and angular bending, machining, robotic welding
Significant hardware capacity	Hydraulic shears 4000 mm long x 16 mm cut thickness, 3000 mm x 13 mm, and 2500 mm x 6 mm Hydraulic presses 300 tons x 4000 mm, and 160 tons x 4000 mm Circuit benders with bending width of 3000 mm and thickness of up to 6 mm, 1500 mm x 10 mm and 2500 mm x 10 mm and profile benders Automatic (2,5 m x 6 m) and hand shot blasting (13 m x 6 m x 6 m) for shot blasting steel sheets, profiles and finished products Bridge cranes with capacity of 40 t, 16 t, three cranes of 10 t capacity and five of 5 t Over 80 welding machines – MIG, MAG, TIG, SMAW Radial drills and eccentric presses (up to 125 tons), 2 CNC plasma cutters (6 m x 2.5 m) Machining – Lathes, saws, milling machines, CNC horizontal boring / milling machine (Bohrwerk) BH 130, horizontal boring / milling machine TOS 13 and CNC machining centre MIKRON VC 750 Painting space with two thermal cabins for painting (8 m x 5 m x 4.5 m) Welding robot

Professional capacities in production

7 mechanical engineers, 1 electrical engineer, 25 certified welders according to EN 287-1





# KOMET Ltd.

Komet Ltd. was founded in 1992. Its main activity is manufacturing steel constructions, galvanized gratings, silencers and spark arresters, channel recuperates, machines for processing granite and marble, pipelines, generator housings and transformer tanks.

# Great attention is paid to the development, purchase of modern equipment and the construction of production facilities, with the aim of increasing quality, productivity and wages of workers.

We promote responsibility, accuracy and punctuality as well as honest, cultured and fair approach to all our business partners. Komet does business in sustainable way, aims to create new values and takes care of employees, environment, and local community. We have been awarded the "Zlatna kuna" award for the best company in Međimurje three times and once the "Most successful small business" award by Ministry of Economy, Labour and Entrepreneurship of Croatia.





Products	Stainless steel tanks and equipment for food processing industry (wine making, craft beer industry, milk processing, fruit processing, ice-cream making), vending machines, aluminium work and patrol boats and aluminium pontoons
The maximum weight or dimension of the product	Stainless steel tanks up to 200,000 L capacity Aluminium work boats up to 15 m in length
Technological capabilities in manufacturing	All necessary machines for processing stainless steel sheets and aluminium sheets, including two lasers for 3D cutting and welding; CNC machine tools for metalworking
Significant hardware capacity	7 lines for the production of welded stainless steel pipes from fi 12 mm to fi 150 mm; Production of square and rectangular tubes; Tubes may be additionally polished.
Professional capacities in production	12 mechanical engineers, 2 electrical engineers, 30 TIG and MIG welders, 22 CNC machine operators





#### LETINA INOX Ltd.

LETINA INOX group consist of three companies:

LETINA INTECH Ltd. – Manufacturing stainless steel equipment for wine production, complete brewery systems, all types of stainless steel tanks and equipment for food processing industry; LETINA VEM Ltd. – Manufacturing milk vending machines, wine dispensers, stainless steel pipes and pipe products; ALUMINIUM WORKBOATS Ltd. – Manufacturing aluminium work and patrol boats and aluminium pontoons.



Products	Production of machine parts and equipment; provider of machine processing, nitration
The maximum weight or dimension of the product	Turning ø350 x 6000 Milling 1000 x 500 x 500 Grinding ø280 x 2950
Technological capabilities in manufacturing	CNC machining (turning, milling, grinding), assembly, welding, metal works, the nitration R & D planning services
Significant hardware capacity	
Professional capacities in production	10 engineers in the department for research and development, 4 technologist, 60 skilled workers

# LPT Ltd.

The company L&P Tehnologije Ltd. (abbreviated LPT) with its head office in Prelog, was founded in 2000 as a sister company in the 100% ownership of the multinational corporation Leggett & Platt, whose head office is located in Carthage, Missouri, USA.

There are several mechanical engineering production programs; the most significant is the production of machinery and equipment for mattress production, which are sold all over the world. Apart from this program, machinery, equipment and machine parts for spring production, plastic and car industry are also manufactured.

A very important part of our business is our research and development team consisting of about 10 highly-qualified and experienced experts in the field of mechanical and electrical engineering, currently working on different projects.





Products	Advertising products Machinery components Laser cutting, robotic welding, CNC metal bending, metal plastification, CVC milling, CNC turning
The maximum weight or dimension of the product	Products up to 1000 kg
Technological capabilities in manufacturing	Robot welding CO <sub>2</sub> , MIG/MAG, TIG welding
Significant hardware capacity	Laser for cutting sheet metal Laser for cutting tubes HiFocus plasma cutting CNC bending, welding robots, turning, milling Metal plastification Print on laminar materials 1500x3000 mm thickness 55 mm Screen printing Offset printing
Professional capacities in production	8 welders, 3 mechanical engineers, 4 production technologist



# MARTI Innovative Constructions Ltd.

Marti Innovative Constructions is a family-owned company with a tradition that spans two generations. The company specializes in the production of advertising products and machine components. Since the establishment of company in 1999 our business philosophy has been to focus on customer needs and satisfaction, as well as establishing mutually beneficial partnerships.

To reach all requirements and customer wishes we continuously invest in new technology and in our employees. Our employees are educated, creative and highly motivated.

The entire manufacturing process, from idea to the final product, is made in our facilities, according to the highest quality standards and with care for the environment.



Products	Production of metal product components for the German company LIEBHERR (plants for mixing and transport of concrete, construction cranes, and concrete pumps). Production and installation of the various steel constructions in the production plants of the German car producer BMW. Production and installation of various metal constructions in building and construction.
The maximum weight or dimension of the product	Weight: 15 t Dimension: thickness of sheet metal 50 mm, length of construction 12 m
Technological capabilities in manufacturing	Material grade: S235, S355, S470 Welding: MAG–135, REL–111 ACP: painting (base coating, varnishing), galvanization
Significant hardware capacity	200 t/per month
Professional capacities in production	Production preparation: 2 mechanical engineers, 2 mechanical engineering technicians; Production: 4 mechanical engineering technicians, 15 welders, others are locksmiths and assistant locksmiths; Technical control: 1 IWE welding engineer, 1 mechanical engineering technician



## Međimurje PMP Ltd.

Međimurje PMP Ltd. was founded in 1999. Since its foundation the company has been present on the German market with its metal processing production by developing various LIEBHERR components and producing and installing various steel constructions in the BMW plants. For the domestic market the company produces and installs steel structures for buildings.

# Over the years the company has been profiled in the construction sector and now it is qualified for complete construction of various residential and industrial facilities whether it is steel or concrete structure.

Over the past few years there have been two main business activities which participate equally in total income of the company – metal production and construction. The share of each business activity is 50%.



Products	Production of transformer tank and fasteners
The maximum weight or dimension of the product	20 t per piece
Technological capabilities in manufacturing	ACP technology – aerial and airless spraying 1K and 2K solvent and water colors, 4 thermal cabins for spraying, 2K device for two component coating, CNC metal processing – milling and turning, CNC cutting – gas and plasma cutting (3000x10000), classic milling and turning, circular bending, hydraulic press, hydraulic shears, MIG/MAG/TIG welding, automatic welding stiffeners, shot blasting machine input dimensions (2000x6000)
Significant hardware capacity	Above mentioned
Professional capacities in production	25 welders, 10 turners, 15 painters, 10 CNC operators, 5 shot blasting operators, 8 technologists- programmers, 136 locksmiths and assistant locksmiths, 2 IWE welding engineers, safety engineer, engineers and welders qualified for PT1, PT2.







### METAL DEKOR Ltd.



Metal Dekor Ltd. is a renowned regional producer of power, distributive and special transformer tanks, related equipment, clamping frames and devices for transformer's oils purification. The company produces yearly about 2500 T of which 1400 T tanks for power transformers, 190 T corrugated tanks for distributive transformers and 900 T of steel clamping frames and else attributable equipment.

More than 70% of production is exported directly to the European market.



Products	Production of steel structures and machine parts, welding, machine processing
The maximum weight or dimension of the product	30 t
Technological capabilities in manufacturing	Metal processing — cutting, angle bending, circular bending, welding, machine processing of large dimension components, varnishing, final assembly, engineering.
Significant hardware capacity	Machine processing of components with dimensions 12x4x3 m, 5 axis machines
Professional capacities in production	2 welding engineers, 40 certified welders, 5 graduate mechanical engineers, 5 mechanical engineers, 1 health and safety engineer, 1 Master of Economy (Business).



#### MIDI Ltd.

MIDI Ltd. is a company that produces machinery parts, parts for industrial plants, components for amusement parks and railways as well as parts for hydropower plants.

On 3 hectares of land and 11,000 m<sup>2</sup> of production premises we employ 160 employees. Company's turnover is cca. 10 million EUR of which 98% accounts for export to Germany, Switzerland, Liechtenstein and Austria. We are equipped with modern machinery and provide engineering services for our foreign customers as well.





Products	Metal machining
The maximum weight or dimension of the product	Milling: 1000x500x500 mm Turning: ø500x1000 mm
Technological capabilities in manufacturing	Milling, turning, drilling, grinding, bluing.
Significant hardware capacity	MAZAK QUICK TURN SMART 200 HAAS VF3 HAS VF3 MICROCUT V-22 BRIDGEPORT VMC 600 BRIDGEPORT VMC 600 MAZAK H400 MAZAK H500
Professional capacities in production	20 millers, 12 turners, 1 toolmaker



### O.M.T. Ltd.

O.M.T. Ltd. was founded in 1997. Through the years we have expanded our production capacity to 20 modern CNC machines and have become recognized as a quality company that produces medium and high demanding metal and plastic components. Our quality is proven by a number of references throughout Croatia, Austria and Germany of which we are extremely proud.

#### We do our business with seriousness and commitment and we offer quality and professional services to our customers.



Products	Machining services Production of cutting tools Sharpening and repairs of cutting tools
The maximum weight or dimension of the product	./.
Technological capabilities in manufacturing	Cutting to ø400 Turning to ø500 Milling to X=1200
Significant hardware capacity	Cutting, turning, milling, circular and flat grinding
Professional capacities in production	3 mechanical engineers in Development/Technology department, 20 production workers (CNC operator/ turner/miller/grinder)
	HRVATSKA - CROATIA - KROATIEN
ISO 9001 25	C. Price 1
ISO 14001 employees	ppm@ppm-alati.hr www.ppm-alati.hr +385 (0)40 492 200 40 000 Čakovec

PPM Ltd. has got rich experience of doing business on foreign markets. Core business activities are: production of special cutting tools (drills, mills, reamers ...), sharpening services, tool repairs and machining services.



Products	Solid fuel cooker, Central heating cooker, Pellet stoves and fireplaces
The maximum weight or dimension of the product	300 kg
Technological capabilities in manufacturing	Laser/press metal cutting, robotic welding, CNC and robotic bending, installation
Significant hardwarecapacity	Laser/press, welding robots, robotic bending
Professional capacities in production	6 – CNC operators, 4 – welders, 5 – bending and cutting operators, 4 – product development









# Senko Ltd.

Senko Ltd. produces high-quality stoves, fireplaces and pellet stoves. Our entire product range consists of heating products that utilise renewable energy sources.

# All our heating products are developed in our development department and tested in our testing facility, produced on new CNC and robot machines by educated and experienced employees.

All our products are in accordance with EN standards and bear the CE marking. We cooperate with institutions of high education in the field of product development and with EU accredited institute in the field of certification. We sell our products to more than 12 countries in the region and the EU.





Products		UTILITY EQUIPMENT – Rolo containers, waste containers of various capacities and purposes, mobile eco storages, street garbage bins, racks for PVC bags and other utility equipment. Wine making equipment – metal poles for vineyards, orchards, gardens and protective fencing. Brandy boilers and fast steaming boilers. Metal pallets, fan covers, stainless steel products. Laser cutting service, bending, moulding, deep drawing and punching.			
The maximum weight or dimen product	ision of the	Containers – open and closed (garbage, paper, glass, plastics, heavy waste), capacity of 1 m³ to 34 m³			
Technological capabilities in n	nanufacturing	Laser cutting, robotic welding, MIG/MAG welding, hydraulic bending, turning, milling, CNC			
Significant hardware capacity		Machinery park with over 40 high value capital machines: Laser cutting machine "TRUMPF INC. Framing", Punching machine "TRUMPF INC." TRUMATIC 260 Hydraulic Benders PPEB-EF 135/30 "LVD COMPANY" Hydraulic shears "LDV COMPANY" Hydraulic presses HVO 400,LITOSTROJ" Plasma welding machine PMI 160 TL "SBI INTERATIONAL"			
Professional capacities in proc	duction	6 MAG welders, 5 TIG welders			
In the process ISO 9001 ISO14001 em	<b>İİİİİ</b> 52 ıployees	strojarstvo-branilovic @ck.t-com.hr	www.strojarstvo- -branilovic.hr	+385 (0)40 329 060 +385 (0)40 329 061	<b>P</b> Neumannova 40 000 Čakovec

# Strojarstvo Branilović Ltd.

Strojarstvo Branilović Ltd. has been doing business successfully on the domestic and international market since 1990. The company stretches on 3100 m<sup>2</sup> indoor production facility and 16,000 m<sup>2</sup> outdoor facilities.

With own innovation and design, production technology and product quality we keep pace with European standards.









#### **Distance from European cities**

Zagreb	101 km
Graz	148 km
Ljubljana	176 km
Vienna	224 km
Bratislava	254 km
Budapest	261 km
Rijeka	261 km
Beograd	472 km
Munich	485 km
Milano	644 km

#### TEXTILE INDUSTRY

The textile industry is in many ways responsible for industrial development of Međimurje in the 20th century and still represents an important sector of the economy. Numerous small local companies have assured their market position in this extremely competitive sector, based on their knowledge, innovativeness and flexibility. Beside that Medimurie is home to some global textile companies achieving highest standards of productivity and quality here

#### INFORMATION AND COMMUNICATION TECHNOLOGIES

Information and communication technologies is a rather new, emerging sector in Medimurje. Proactive and ever more successful companies, offering a wide range of IT services and solutions, are keeping up with global trends, constantly improving their skills and pool of experts as well as opening new markets and opportunities. There is a business support system for ICT in place including Technology Innovation Centre Međimurje with a business incubator for IT start-ups and higher education institutions with relevant study programmes. Those include Polytechnic of Međimurje in Čakovec, Faculty of Organization and Informatics in Varaždin and Faculty of Electrical Engeineering and Computing in Zagreb.

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#### METAL INDUSTRY

One of the traditional industries Quality workforce with expertise and experience New metalworking technologies applied Competitive service pricing and manufacturing processes in accordance with ISO and other quality stand







Should you require further information or other assistance feel free to contact us.

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