

MIV

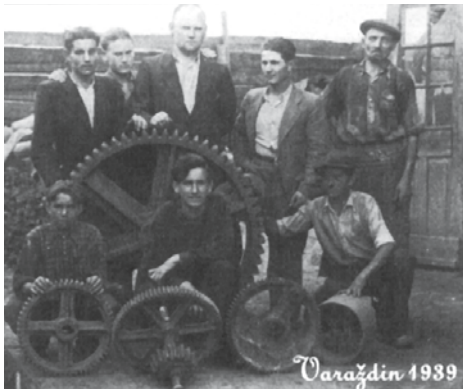


Metalska industrija Varaždin d.d.



Metal with signature





HISTORY

Metalska industrija Varaždin d.d. (MIV) was established in 1939, first functioning as a foundry, then as a foundry and valve factory. The company is characterised by constant expansion and modernisation of production and manufacturing plants, increase of product quality and expansion of product lines, increased international cooperation and the number of international projects, and a rising share of foreign markets in total sales.

Following market demands, Metalska industrija Varaždin d.d. uses our own experts to introduce new production processes, modernise equipment and plants, and increase the quality of products, improving the Company's competitiveness.

MIV today is a joint-stock company with some 700 employees. Well developed business and technical cooperation with partners from Croatia, Europe and around the globe, additionally boast the quality of the Company, which has grown into a reliable and recognisable business partner.



FROM AN IDEA TO THE FINISHED PRODUCT

Not many companies today have the capacity to represent all segments of the production process, from design, prototype construction, casting, machining, welding, surface protection, assembling and testing of manufactured parts. Metalska industrija Varaždin d.d. is one of few European companies featuring a foundry and a machine processing plant at the same location. 90 percent of total production is various fittings, and 10 percent is tailor-made casts and products used as urban furniture and in public areas.



In addition to over 3,000 standard products for which the Company is well known all over the world, it manufactures tailor-made products. Over 30,000 different types of products have been manufactured so far.

Through business cooperati-



on with large European manufacturers of valves, Metalska industrija Varaždin d.d. today exports over 70 % of its products.

Fittings are exported to markets of all continents and about 40 countries (among others, Germany, Austria, Italy, UK, Holland, Hungary, Poland, Sweden, USA, Qatar, Egypt, Saudi Arabia, United Arab Emirates...), and are installed in water and sewer systems of many world's metropolis, such as Berlin, Amsterdam, Hamburg, Cairo, Dubai, Zagreb, Belgrade, Budapest. With annual production of over 9,000 tons of castings, thereof over 8,000 tons of valves and fittings, Metalska industrija Varaždin d.d. numbers among the largest manufacturers of such equipment in Europe.



Quality and reliability

Integrity of the technological process: ductile cast iron and cast iron, non-ferrous metals, machine processing, welding, surface protection, assembling and testing allow us to control the manufacturing process in all its phases. Certificate of production process control according to ISO 9001:2000 standard was received from LRQA in 2007. This ensured a high reliability of our manufacturing programme and safety of our products during exploitation. Quality of our products is verified by the following classification companies: Lloyd's register, Bureau Veritas, Det Norske Veritas and the Croatian Register.



VISION

Metalska industrija Varaždin d.d. aims to become a highly competitive, recognisable company for production and manufacture of ductile cast iron and cast iron valves and fittings in the world.



MISSION

As a company led by the principles of business and social responsibility as well as sustainable development, Metalska industrija Varaždin d.d. uses its knowledge, experience and new technologies to add innovation to traditional production/manufacture processes, thereby becoming even more recognisable on the market, offering customers high-quality products.



ENVIRONMENT

By entering the new millennium, we became aware of the problem posed by polluting the environment on the global level. The subject of preserving our environment has never been more accentuated. In a world of rapidly developing technologies, we are aware of the fact that the greatest treasures of our globe, its nature, flora and fauna, have been shunned.

Metalska industrija Varaždin d.d. understands the problems of the 21st century and is making conscientious strides in protecting the greatest natural wealth which we are just borrowing from our children. To that end, our company is a responsible participant in environment protection on local and regional levels.

HUMAN RESOURCE MANAGEMENT

High quality, educated, motivated employees of Metalska industrija Varaždin d.d. represent one of our greatest sources of competitive strength on the job market. People, their needs, motivation and satisfaction are of great importance to our company, because we are aware that our strength lies in knowledge and skills of our employees. The goals the company has set for itself are growth through strategic focus, entrepreneurial operations and innovation, vision-inspired management and leadership, operative excellence and building relations through the feeling of belonging. The value system which guides us within the company relies first and foremost on competence and professionalism.



MIV is always looking forward toward constant development and improvement.

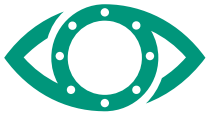
MIV PARTNERS

High possibility of further development and expansion of the production programme are potentials which, thanks to successful business and technical cooperation, have been recognised by our numerous business partners. A long standing tradition and experience supported by business and social responsibility sends out a clear message that Metalska industrija Varaždin d.d. first and foremost respects and understands business partners and acts professionally, replying to all set demands quickly and efficiently. Our deep well of experience and new knowledge and technologies are tapped all the time in order to infuse our production programme

with innovation, thereby offering our customers an even better product. Many of our customers in fact recognised the quality of products controlled through all production/manufacture segments. Understanding the nature of the market, our company will respect wishes set outside the standard programme, thus satisfying an even greater number of business partners and clients. MIV constantly listens to the needs of the market with high level of responsibility and understanding, thus generating professional conduct and quality which aims to keep the trust our clients and business partners placed in us.

*Only after
the last tree
has been cut down..
the last river
poisoned..
the last fish caught..
you will find that
money cannot be
eaten.*

*Cree Indian
Prophecy*



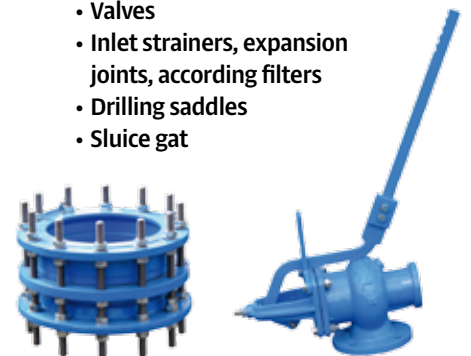
Valves for water systems, energy systems, processing industry, shipbuilding, irrigation

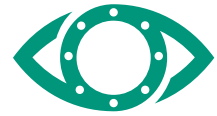
- Valves manufactured and tested according to following standards: EN, DIN, BS, ASTM, UNI
- Production of valves nominal sizes DN 25 up to DN 1600 from ductile cast iron GGG and non-ferrous metals, and welded steel construction for larger nominal sizes
- Nominal pressures: PN 2.5, 4, 6, 10, 16, 25 and 40
- Sealing systems: brass/brass, cast iron/cast iron, niro/niro, rubber/cast iron, rubber/niro, rubber/rubber
- Valve operation system: manual, pneumatics, electric drive, hydraulic, remote controlled
- Surface protection: paint, epoxy powder coating (RAL 5015), rubber-coating, cement mortar, teflon



From valves for water systems, energy systems, processing industry, shipbuilding and irrigation we produce:

- Gate valves
- Butterfly check valves
- Butterfly valves
- Air relief valves
- Hydrants
- Valves
- Inlet strainers, expansion joints, according filters
- Drilling saddles
- Sluice gat





From fittings and sewer casting for water and sewer systems we produce:

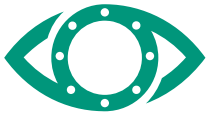
- Fittings with flanged and pipes
- Fittings with TJ and MJ socket
- Fittings with UNION-joint
- Fittings for plastic pipes
- Fittings for pipeline connection
- Fittings for asbestos-cement pipes
- Steel fittings
- Sewer castings



Fittings and sewer casting for water and sewer systems

- Production of fittings nominal sizes DN 40 up to DN 800 from ductile cast iron GGG
- Welded carbon and stainless steel fittings production with flange connection for working pressures up to PN 40
- Nominal pressures: PN 2.5, 4, 6, 10, 16, 25 and 40
- Connections: flange, socket, KS-joint, AC-joint, TJ, ISO, MJ
- Wood, metal and plastic models production
- High corrosion resistance due to use of epoxy powder
- Applicable to all types of PE/PVC pipes manufactured according to standards
- Long lifetime





Public areas and urban furniture products

Adorns public areas with wide palette of products such as street lamps, bicycle stands, benches, columns, fences.



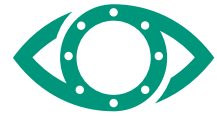
Regarding beautifully shaped **street lamps** and **benches** enough would be said that they best represent themselves through displayed pictures.



Columns and **fences**, in promiscuit designers game with shapes, decorate public areas and simultaneously separate pedestrian zones from the rest of the traffic.



Bicycle stands are made of high quality grey cast iron and steel. By following market demands we provide the possibility of installing comercial adds, and they are designed to support 5, 10 or 20 bicycles.



Other equipment

Integrates products aimed at outfitting interiors and exteriors like tables, chairs and utilities such as barbecues.



Casting service

Casting service tailor made casting from high-end ductile cast iron, cast iron and non-ferrous metal according to customer needs. Until now we have been producing over hundreds of different products like ship keels, ornamental nets and sewer castings, handles.



Metalska industrija Varaždin d.d.

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