

# *Centrometal*

HEATING TECHNIQUE



*Services of  
metal cutting  
and processing*

# ABOUT US

We present the company Centrometal d.o.o. which has been successfully operating on the Croatian and European markets since 1965. The primary activities of our company are the production of boilers and equipment for central heating and sheet metal processing. Regarding sheet metal processing, we can highlight bending, assembly, electronics assembly, laser cutting, and manual and robotic welding.

Quality product, efficient use of energy, environmental protection and, above all, a satisfied customer are the basic guidelines of Centrometal today. This philosophy is present from the development, production, use and maintenance of Centrometal products, to the training of employees and associates of the company.

The quality of the company's products and management of the company is guaranteed and ensured by the introduced ISO 9001 quality assurance system and ISO 14001 environmental management system. The presence on many European markets is ensured by certificates of conformity issued by authorized domestic and international institutions which has every product of the company "Centrometal".

The traditional diligence of the people from Međimurje county, comprehensive cooperation with scientific institutions, especially the Faculty of Mechanical Engineering and Naval Architecture in Zagreb, have resulted in a significant expansion of the company in last few years, which today employs over 300 employees, has its own development based on domestic know-how, training center, test center, modern technology park and much more.

Today, Centrometal d.o.o. operates in the markets of 40 European countries, which confirms the quality of our products.



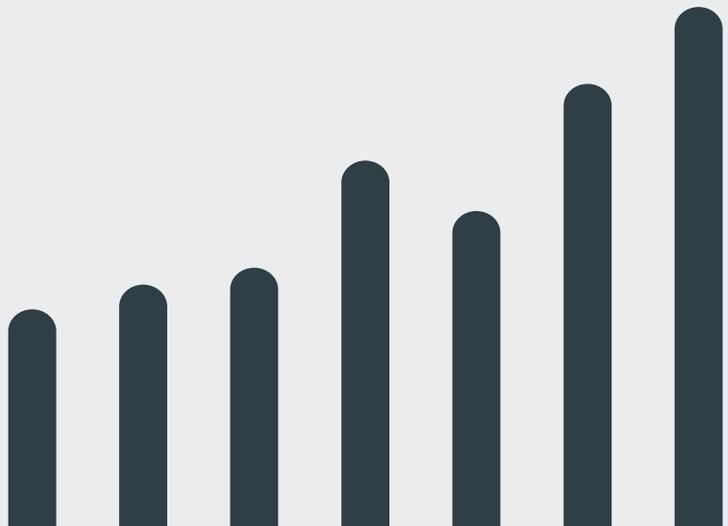
# YOUR BUSINESS RELATIONSHIP WITH CENTROMETAL IS SAFE!



# COMPANY BUSINESS

This successful company stands out as a reliable partner, providing high quality products/services with a continuous focus on customer satisfaction. Her consistent business excellence is reflected in the security she provides to her clients, building long-term and trusting relationships. The company's ability to continuously advance, innovate and adapt to a dynamic market is testament to its vision and commitment to maintaining high standards in the industry.

We would like to point out that thanks to excellent business results, the company Centrometal d.o.o. it met all the strict financial-analytical criteria according to the unique methodology for the whole of Europe and earned the right to become the holder of the AAA Credit Quality Certificate.

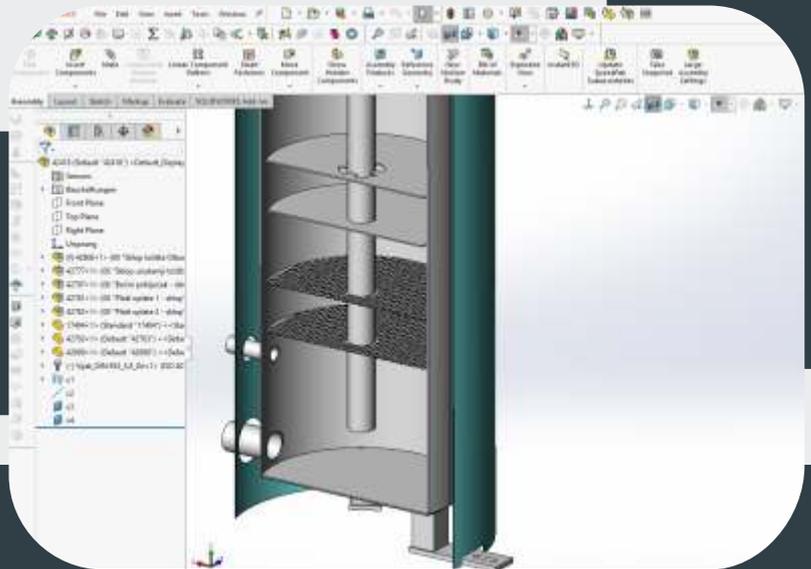


# SERVICES WHICH WE OFFER:

1. COMPLETE CONSTRUCTION DEVELOPMENT
2. LASER SHEET CUTTING
3. PRECISE SHEET BENDING
4. ROBOTIC WELDING
5. PANEL BENDERS
6. WELDING
7. CNC PROCESSING
8. PLASTIFICATION

## 1. COMPLETE CONSTRUCTION DEVELOPMENT

Display of the SolidWorks program.



### Complete design work:

- Structural elaboration is a detailed engineering process that includes analysis, planning and documentation of all aspects and design elements, and engineers conduct a thorough study of materials, dimensions, technologies and standards to ensure optimal performance and construction safety.
- Structural design plays a key role in ensuring compliance with legislative requirements, building rules and investor expectations, providing a basic framework for quality project execution.

## 2. LASER SHEET CUTTING

Cutting of all types of sheet metal from 0.5 mm to 25 mm.



**Trumpf 5030 – 3 kw + Trumpf LiftMaster Compact**

**Trumpf 3030 – 3 kw + Trumpf LiftMaster Compact**

**Trumpf 3030 – 8 kw + Trumpf LiftMaster Compact**

**Trumpf 3030 – 4 kw**

**Amada LCG 3015 - 2 kW + MP FLEXit 3015...**

### High precision laser cutting to measure:

- **Exceptional precision:** State-of-the-art lasers guarantee exceptional cutting accuracy and repeatability, even on the most demanding materials.
- **Speed and efficiency:** Our team of experts provides a fast and efficient service in order to realize your projects within the given deadlines.
- **Adaptability:** We work together with you to adapt every cutting detail to your requirements and material specifications.
- **Quality without compromise:** We do not settle for anything less than top quality. Your projects are in safe hands.
- **Competitive prices:** By offering a high quality of service, we remain competitive in prices.

# 3. PRECISE SHEET BENDING

Bending of all types of sheet metal up to 10 mm.



**Prima Power eP 5020**

**Schiavi Flexa 100/30**

**Schiavi HFB 80/20**

**Schiavi SEB 50/20**

**Schiavi Flexa 25/12**

**Amada HFT 50/20**

**LVD PPEB 320/45**

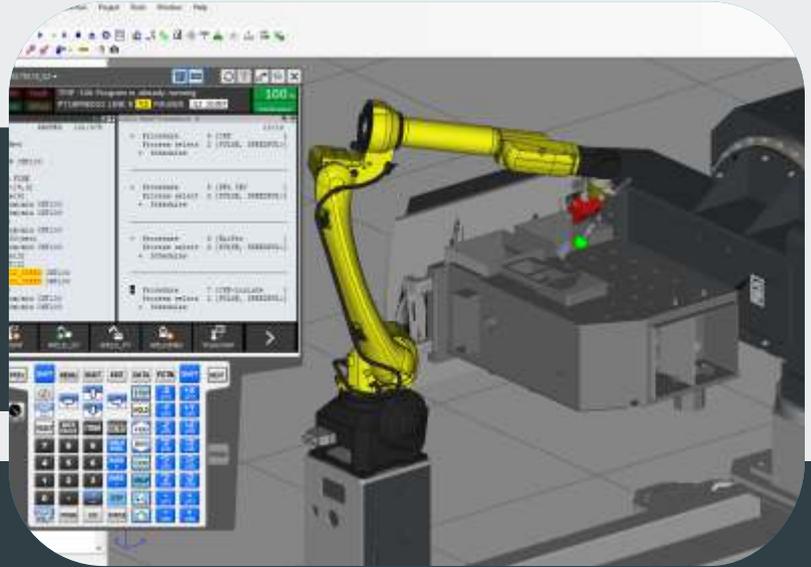
**LVD PPEB 80/20 + robot...**

## Precise sheet metal bending according to your needs:

- **Sheet metal bending experience:** Our experienced technicians are masters of sheet metal bending, bringing years of experience and expertise to every project.
- **State-of-the-art equipment:** We use the latest sheet metal bending equipment, which ensures consistent accuracy and repeatability.
- **Adaptability to your needs:** We work together with you to understand your specific requirements and provide you with a solution that perfectly suits your projects.
- **Fast and efficient service:** We understand the importance of deadlines. Our fast and efficient service ensures that your projects are completed on time.
- **Quality Control:** Each bent sheet undergoes rigorous quality control to ensure top performance.

# 4. ROBOTIC WELDING

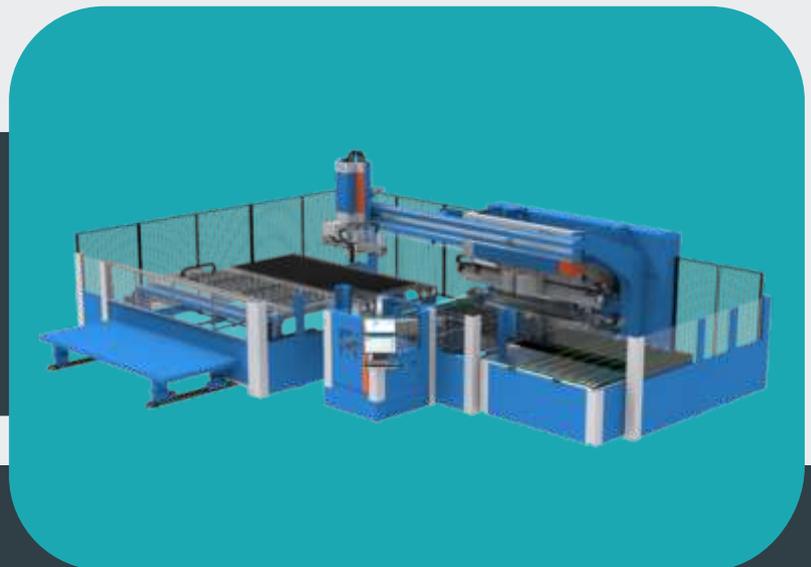
**ROOBOGUIDE WeldPRO program.**



Robotic welding is an automated process that uses industrial robots to perform welding operations. This technologically advanced approach enables high precision, consistency and efficiency in welding metal components. MAG pulse welding and Servo-Robot laser cameras are used for reading, which enable repeat accuracy during welding.

# 5. PANEL BENDERS

**TRUMPF EVA2522  
PrimaPower ExpressBender  
Ebe 2220...**



A panel bender is a specialized machine or device used to bend panel materials into the desired shape. This device often has a CNC (computer numerical control) system that allows precise control of the bending process. CNC technology allows programming of different bending patterns, which increases production efficiency and reduces the need for manual labor.

## 6. WELDING

### Siegmund welding workbench.



- Procedures: EPP, MAG, MIG, TIG
- 20+ welding robots
- Siegmund tables
- Positioners for welding
- Cranes from 500 – 32000 kg

## 7. CNC PROCESSING

### Processing center: HAAS ST-20Y

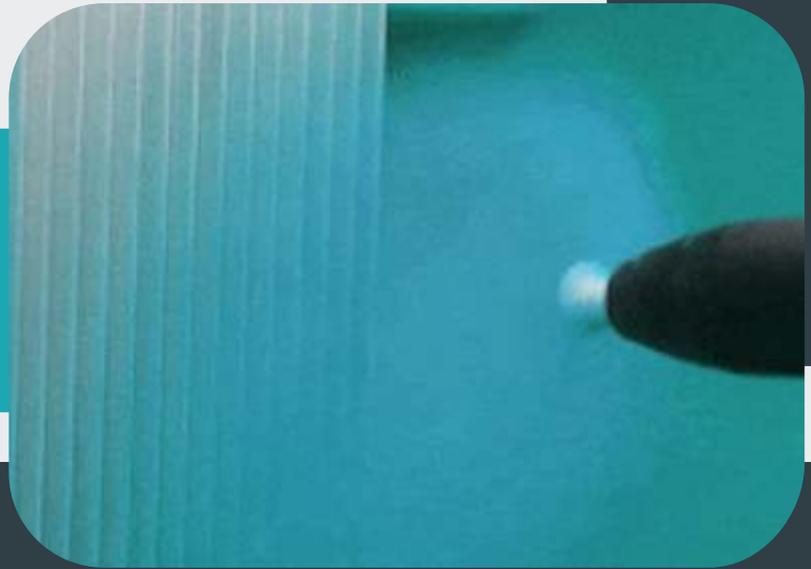


- CNC metal processing is a high-tech process where computer-controlled machines precisely shape and process metal components, ensuring accuracy and repeatability in production.
- This sophisticated approach enables the automatic execution of various operations such as milling, drilling and metal turning, resulting in high-quality final products in the metal parts manufacturing industry.

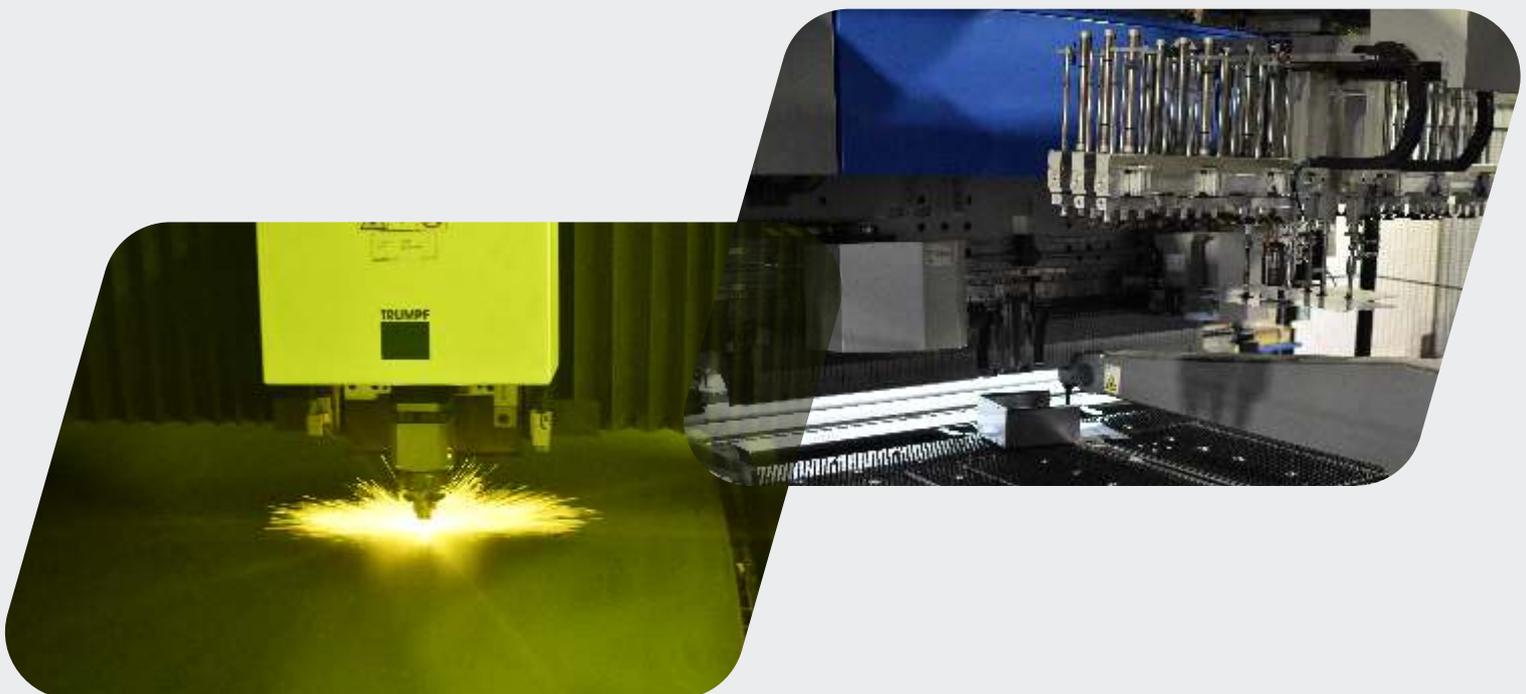
# 8. PLASTIFICATION

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Presentation of the application of plastic.



Electrostatic powder application or metal plasticization is a process of surface protection of metals against corrosion, which ensures long-term surface protection of all types of metals. This process extends the durability of metals in aggressive environments. The plasticizer is applied thermally or electrostatically, creating a solid and aesthetically attractive layer. The advantages include resistance to external influences, a wide range of colors and the ability to adapt to different design needs.







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