

Manufacturing Program and Technological Capacities

1. About Us

As the third generation of a family tradition in metal processing, we combine years of experience with cutting-edge CNC technology.

Our production plant located in Posedarje is equipped with top tier industrial machinery for the fast, precise and high quality manufacturing of parts, structures, housings and components for a wide range of industries from automotive, aerospace and defense industries, shipbuilding, energy, agricultural machinery, transport and logistics to medical equipment, robotics, automation, mechanical engineering and custom OEM manufacturing.

We operate in compliance with the international ISO 9001 quality certificate.

2. Machinery and Technology

- 12 kW Fiber Laser: Working area / table: 6000 x 2000 mm. Exceptionally high power and format allowing the cutting of large formats, heavy sheets, aluminum alloys and structural positions from a single piece with maximum precision.
- 200-Ton CNC Press Brake: Top-grade hydraulic brake for precise and demanding bending of large length and thick sheets, customized for complex profiles, housings and lightweight structural elements.
- 3 kW Laser Welding Machine: Advanced laser welding technology for clean, fast and exceptionally strong joints with minimal thermal deformations ideal for thin, sensitive and colored metals (aluminum, stainless steel).
- Software Support (CypCut / CypNest / SheetCAM / AutoCad): Advanced programming, material layout optimization (nesting) and fast generation of G-codes directly from your CAD drawings (DXF/DWG/STEP).

3. Application Sectors and OEM Services

- Custom OEM Manufacturing: A reliable manufacturing partner (Original Equipment Manufacturer) for the serial production of sub assemblies, housings and metal components according to your technical documentation.
- Automotive and Transport Industry: Manufacturing of prototype and serial positions, chassis, brackets, housings and special metal components for transport and special vehicles.

- **Aerospace Industry:** Precision cutting and processing of light metals and aluminum alloys (such as EN AW-6082 and 5083) for special purposes, structural elements and support structures meeting high quality standards.
- **Energy and Renewable Sources:** Manufacturing of parts, structures, supports and housings for electrical-energy plants, solar systems and industrial infrastructure.
- **Shipbuilding and Overhaul:** Manufacturing of heavy marine positions, reinforcements, plating elements and components on a table up to 6 meters.
- **Medical Equipment and Stainless Steel Elements:** High quality processing of stainless steels, housings, panels and sterile elements for the medical industry and laboratories.
- **Agricultural Machinery and Food Industry:** Manufacturing of heavy machine frames, trailer parts, silos and stainless steel equipment for food processing plants.
- **Transport, Logistics, and Municipal Equipment:** Components for cargo vehicle upgrades, logistics systems, storage racks and urban elements and smart city equipment.
- **Construction and Steel Structures:** Precision cutting of base plates, beams, facade elements and prefabricated assemblies according to the ISO 9001 standard.
- **Robotics, Automation, and Mechanical Engineering:** Manufacturing of precision housings, panels, machine frames, sensor brackets and automated machine parts with minimal tolerances.

4. Why Choose Us as a Partner?

- **ISO 9001 Certificate:** High material traceability, strict quality control and delivery reliability.
- **6000x2000 mm Format:** Ability to cut enormous pieces without the need for subsequent assembly and welding.
- **Free Prototype:** We offer the production of the first trial part completely free of charge so you can personally verify the quality and speed.
- **Flexibility and Speed:** Reliable delivery times and adaptability to the needs of your production or engineering team.

5. Contact and Cooperation

We invite you to send us your drawings (DXF, DWG or STEP format) for your projects and serial production.

We will gladly prepare a competitive offer, technical elaboration, and a free sample of the first position.

Contact Information:

- Plant Location: 23242 Posedarje, Zadar County, Croatia
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