

UAV PLATFORMS

High-precision machining with exceptional dimensional and shape accuracy

- **3- and 5-axis CNC** milling and turning
Tolerances up to $\pm 0,01$ mm
- **EDM** technologies
Tolerances up to $\pm 0,003$ mm
- **Grinding**
Tolerances up to $\pm 0,003$ mm

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Our Commitment to International R&D and Industrial Projects / We are ready to contribute as a reliable manufacturing partner for UAV platforms within international consortia under Horizon Europe, EDF, and other EU funding schemes. We value long-term partnerships and provide a stable, scalable base for research, development, and industrial deployment.

MATERIALS

- Aluminum alloys
(5xxx, 6xxx, 7xxx series)
- Titanium
- Stainless and hardened steels
- Composite materials

SURFACE TREATMENTS

- Hard and decorative anodizing
- Chemical nickel plating
- Stainless steel passivation
- Microbead blasting

OFFER OF SERVICES

- Flexible prototyping and small-series production
- Skilled team of technologists, designers, and CAM specialists
- Confidential handling of sensitive data and controlled access to classified projects

CERTIFICATES

- EN ISO **9001**, EN ISO **14001**, EN ISO **45001**
- End-to-end quality control – from design to final validation
- Preparing for **AS9100** certification

COMPANY

- **19+** years of industry experience
- Exports to **10+** countries
- € **2,7** million annual turnover
- Over **33 600+** hours/year of CNC machining capacity

MECASYS specializes in custom manufacturing of high-precision mechanical components for demanding technical applications. With advanced machinery and deep technological expertise, we offer complex machining solutions for metals and composites. Our solutions are tailored for sectors such as aerospace, defense, automotive, mechanical engineering, optics, and plastic component manufacturing.