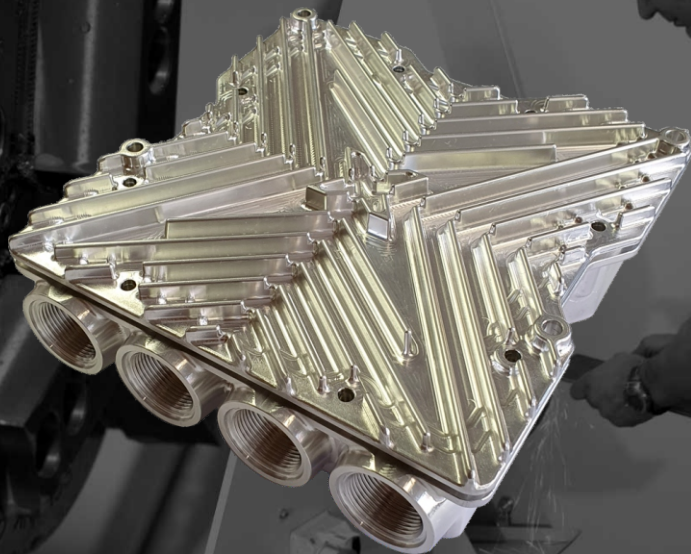


MECHANICAL PRODUCTION



RACOM also manufactures mechanical parts for its products. Following our 2022 expansion and modernization, we now have spare capacity in our new hall, which we offer to other companies. They can utilize our state-of-the-art equipment for high-precision CNC machining of aluminum alloys, plastics and other materials based on customer requirements.

In addition to mechanical parts, we have latest technology for comprehensive electronic device production, including PCB assembly. We offer everything under one roof: consultation, prototyping, mass production, testing, and ongoing support throughout the product lifecycle.



TECHNOLOGY

- CNC machining
- Cutting, Grinding
- Ultrasonic washing
- Laser marking



PRODUCTION HALL

- Completed in 2022
- 1.600 m²
- Air-conditioned machining shop $\pm 3^{\circ}\text{C}$
- Investment €2.8m

QUALITY

- In-process gauging on CNC machines
- 3D measurement, 0.003 mm
- 2D microscope, 0.001 mm
- ISO 9001, ISO 14001



We are experts in the precision machining of aluminium, because for 15 years we have been producing microwave units with parts demanding extreme precision, at the limits of machining techniques. We machine aluminium castings, into which we mount our radio modems and microwaves. We make metal shells for the installation of our cellular routers. We can of course also do all other operations for the production of mechanical parts, including their design and construction.

Take advantage of the opportunity to have your mechanical parts manufactured in the same quality and precision as RACOM products. Our devices have MTBFs exceeding 100 years and are installed in more than 120 countries, from the poles to the equator.



EXPERIENCE

- Designing mechanical parts since 1989
- Own mechanical production since 1995
- CAD/CAM – SolidWorks, NX
- Product design consultation

