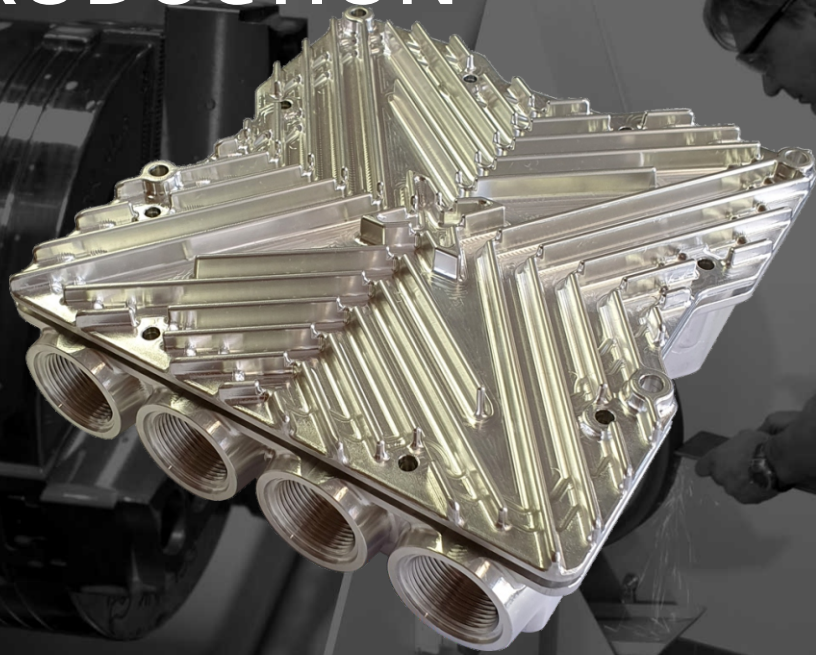


# MECHANICAL PRODUCTION



RACOM also produces most of the mechanical parts for its products. After the expansion and modernization of our mechanical production in 2022, we have spare capacity in the new hall, which we offer for use by other companies. This gives them the unique opportunity to use our state-of-the-art equipment, for example, to machine aluminium alloys to the highest precision.



## Technology

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



## Production hall

- Completed in 2022, 1.600 m<sup>2</sup>
- Air-conditioned machining shop  $\pm 3$  °C
- Investment €2.8m
- Made in Czechia, EU

## 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

