

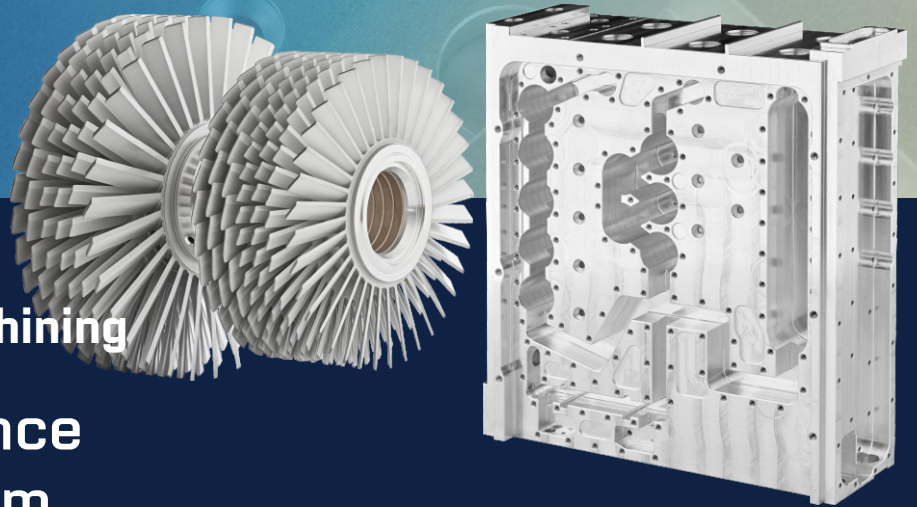
More than CNC precision machining

Custom manufacture of small and medium-sized series of technologically demanding products from aluminium and copper alloys, plastics, titanium and steel.

CNC precision machining, turning, grinding and manufacture of gear wheels of small modules. Modern production and inspection technologies including production preparation using CAD/CAM applications.

**MESIT machinery,
spin-off enterprise machining**

**Extensive experience
and professionalism**



Quality proven in the most demanding industries

- We can carry out special assignments for various industries such as telecommunications, petrochemical, vacuum technology and medical.
- The traditional precision required in the manufacture of aerospace and measuring instruments is our standard.

Modern production equipment and hi-tech technology

- We have a wide machine base of CNC machine tools including robotic workstations.
- We specialize in complex parts manufactured on four and five-axis milling centres and CNC lathes.

Consulting, optimization and inspection

- We use state-of-the-art measuring and control equipment in our air-conditioned humidity-controlled workplace.

Quality management

- The quality system is certified according to CSN EN ISO 9001:2016.



CNC precision machining

CNC milling

Three-axis machines with rotary pallet table and quick tool change for highly efficient work.

The five-axis machines allow the production of shape-intensive parts in one clamping with high precision.



CNC grinding

For parts with high precision requirements, we use CNC grinding of rotary and non-rotary components.



CNC turning

Modern CNC centres equipped with powered tools achieve high productivity even for shape-demanding parts.



Other technologies

An ultrasonic washing line to ensure the required cleanliness of the parts is an integral part of the production processes.

Marking of parts on customers' request is done by laser (batches, logos, QR or data matrix codes).

Lapping parts as an effective form of removing sharp edges.

Assembly of more complex units according to customer requirements, including final testing.



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