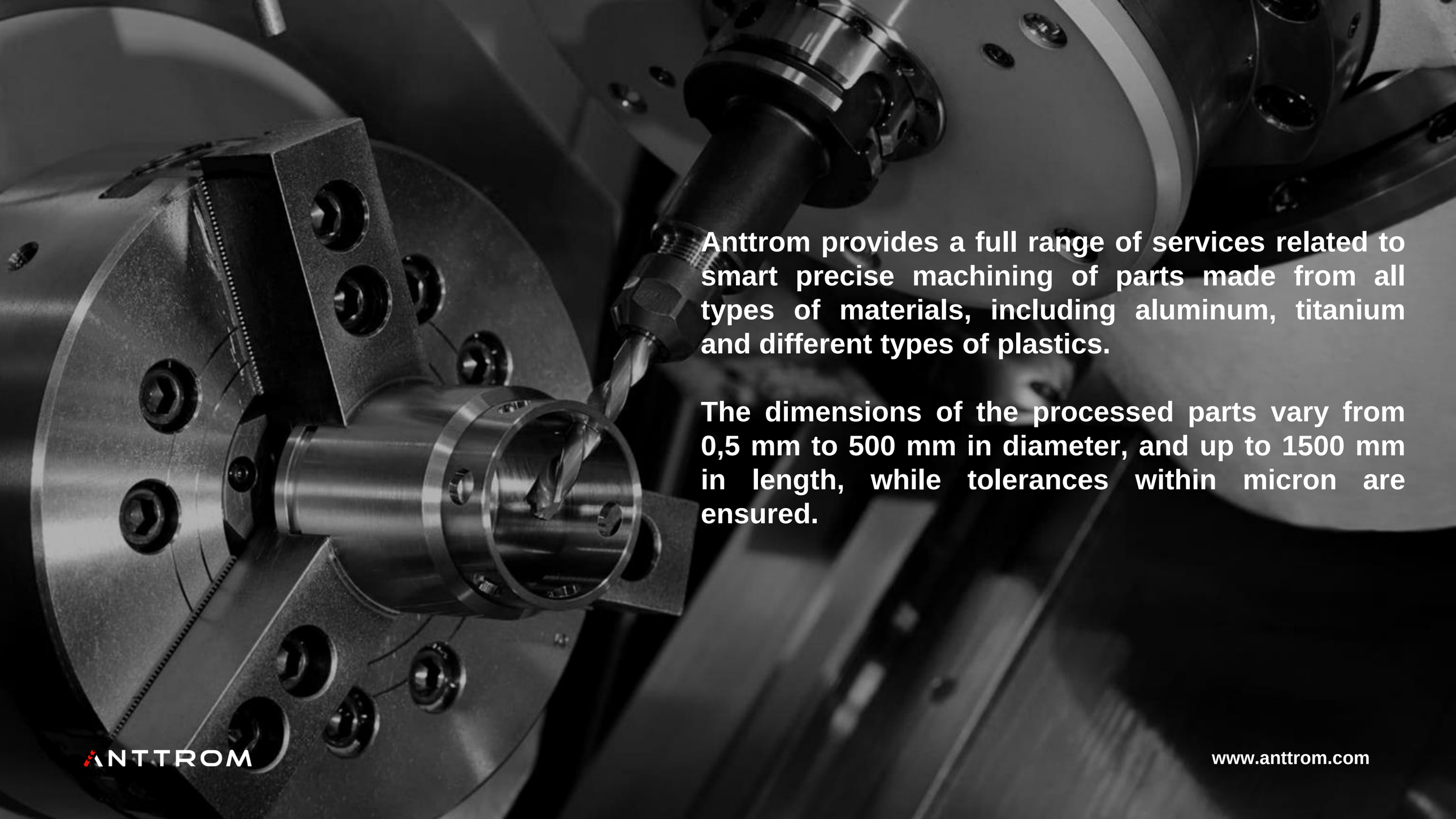
ANTTROM

PRECISE MACHINING



Anttrom provides a full range of services related to smart precise machining of parts made from all types of materials, including aluminum, titanium and different types of plastics.

The dimensions of the processed parts vary from 0,5 mm to 500 mm in diameter, and up to 1500 mm in length, while tolerances within micron are ensured.

Why Anttrom?

- ✓ Highest quality production and precision
- ✓ High-End equipment
- ✓ Client oriented
- ✓ Agile turnkey production
- ✓ Favorable geography and logistic
- ✓ Internationally trained professional staff

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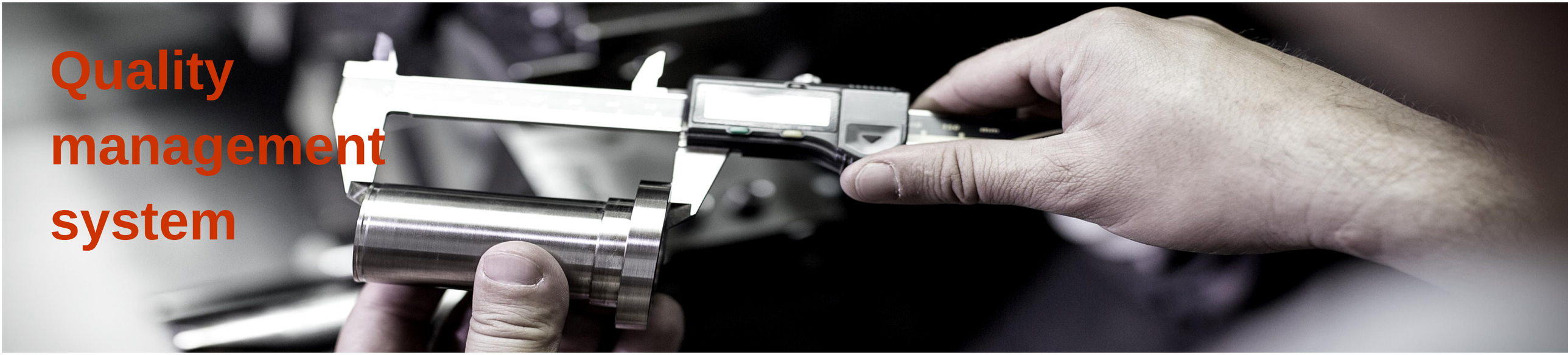
Materials

- ✓ Carbon steel
- ✓ Stainless steel
- ✓ Titanium
- ✓ Aluminum
- ✓ Cast iron
- ✓ Copper and alloys
- ✓ PEEK/ HDPE/ Plastic
- ✓ Others

Markets

Fast and accurate production of parts for machines, and mechanisms for any industrial application, from various metal alloys and plastics of any brand.

- Aerospace engineering
- Power engineering
- Electronics
- Medical industry
- Industrial equipment
- Engineering
- Automotive industry
- Robotics industry
- Prototyping



Quality management system

Compliance with quality standards allows us to constantly improve, changing processes within the company to help us to do so towards improvement, as well as paying the necessary attention to health and safety.

ISO 9001

Quality management systems

ISO 14001:2015

Environmental management systems

ISO 45001 CLAUSE 10

Occupational health and safety

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Our capabilities

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Engineering and programming

CAD / CAM programming and engineering based on customer drawings.

We use the most modern licensed software.

We also provide reverse engineering services.

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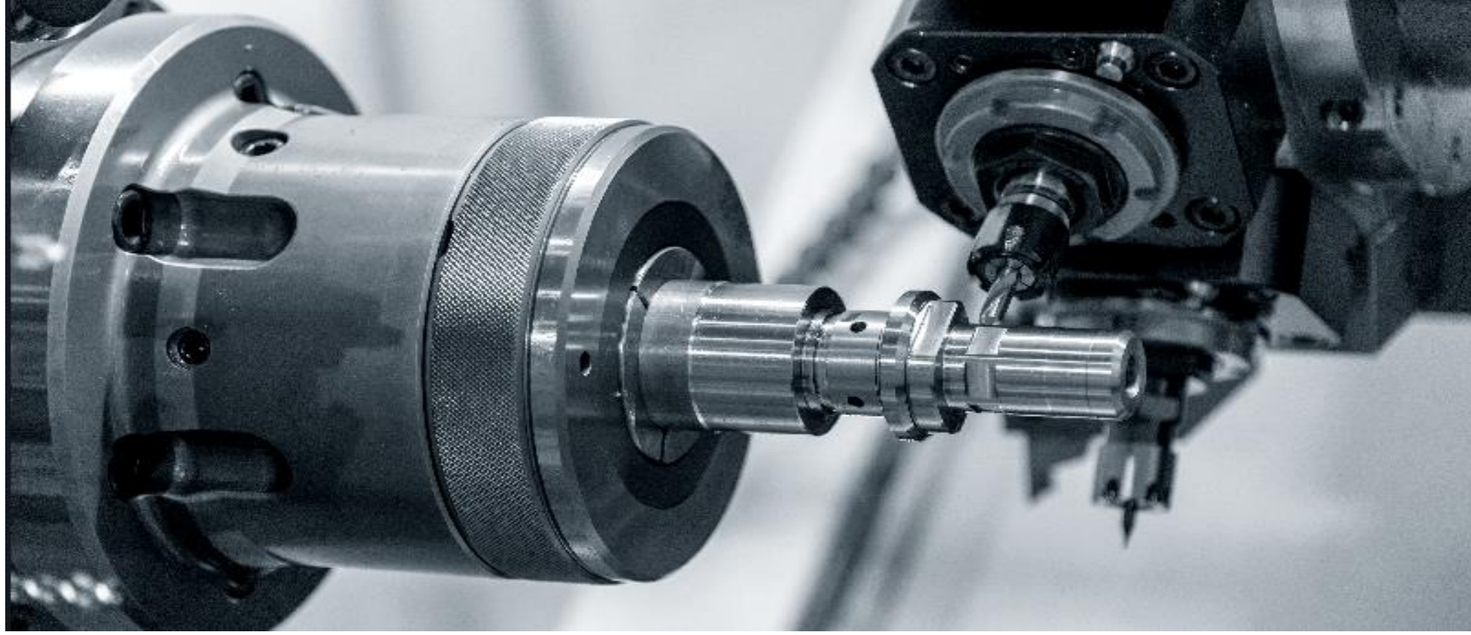
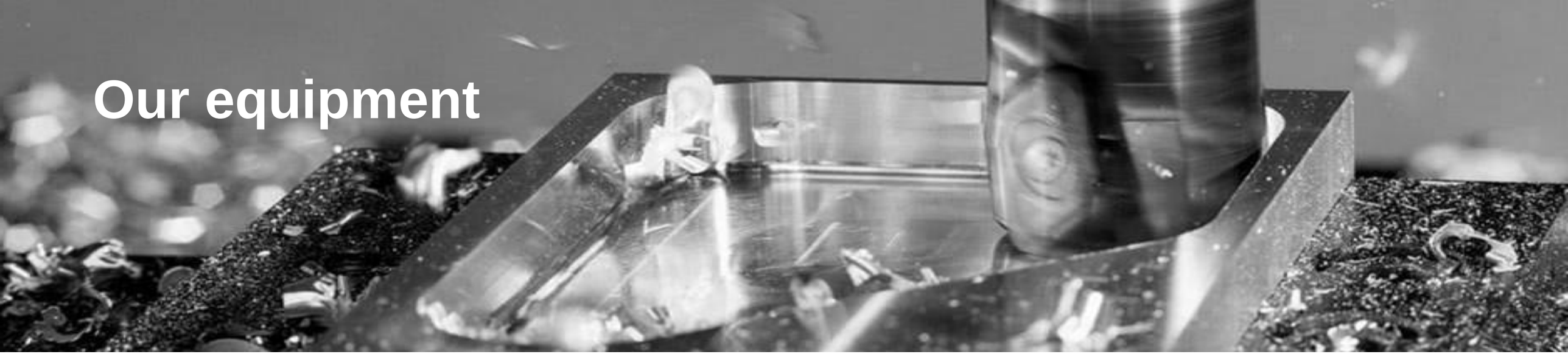
High-precision machining



Our equipment allows for high-precision turning, milling and grinding work to be performed on a single installation.

Each machine is equipped with a probe to ensure quality control also is internally adjusted to the current situation on the machine.



Our equipment

Bumotec S191

- CNC: Fanuc 31Bi
- Milling spindle 30 000 rpm
- X x Y x Z: 410 x 200 x 400 mm
- Bar diameter: 50 mm
- Main spindle: 6 000 rpm
- Sub Spindle: 6 000 rpm
- Measuring probe: OMP 400
- Renishaw
- Tools: 60 pockets
- Max pressure: 70 bar

Clamping devices: Hainbuch SK52 and Ottet F48

Okuma Multus U4000 2SW 150

- CNC: OSP
- Milling spindle: 12 000 rpm
- X x Y x Z: 695 x 300 x 1600 mm
- Bar diameter: 65 mm
- Max diameter: 650 mm
- Main spindle: 3 000 rpm
- Sub spindle: 3 800 rpm
- Renishaw
- Tools: 80 pockets + 12 pockets
- Clamping devices: Kitagawa
- Lover turret: 12V radial

Precise measurement

Coordinate measuring machine allows to verify the accuracy of compliance with standards and drawings in minutes.

Intermediate measurements are carried out on the machine, the final measurements are carried out by the quality control service.

We carry out step-by-step checks on 100% of our products.

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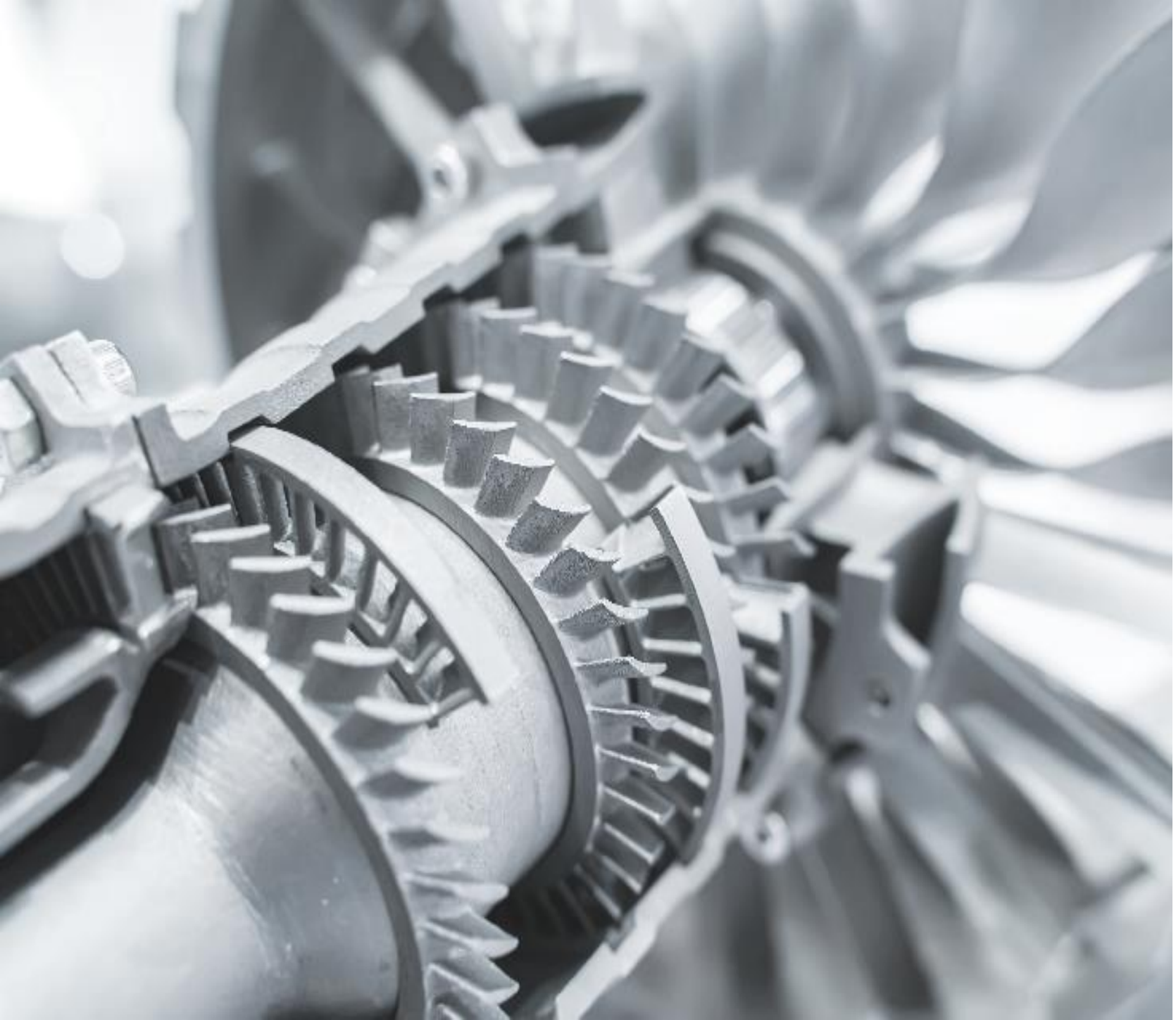

Prototyping

We can produce a prototype according to the specification provided or create the prototype ourselves using a CAD/CAM system.

Metal 3D printing

Recently, metal 3D printing has become a necessary extension to traditional production, and for that reason it has been called additive manufacturing.

Merging precise CNC machining and 3D printing allow to create unique products for our clients.

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Final processing and packaging

Washing, cleaning, application of various coatings to parts and careful packaging for transportation by land, water and air.

Testing in independent laboratories

It is possible to arrange geometric measurements and inspections for our customers at certified independent laboratories.

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Thank you for attention!

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