



Mechanical Manufacturing services

idonus is an innovative microtechnology company specialized in the engineering and manufacturing of speciality equipment aimed for industry or R&D use. **idonus** also provides its know-how and experience in machining.

Focused in prototyping, unitary parts and small series, we propose customized, efficient and short delays solutions adapted to your needs. We also assist you in mechanical conception and design work (CAD).

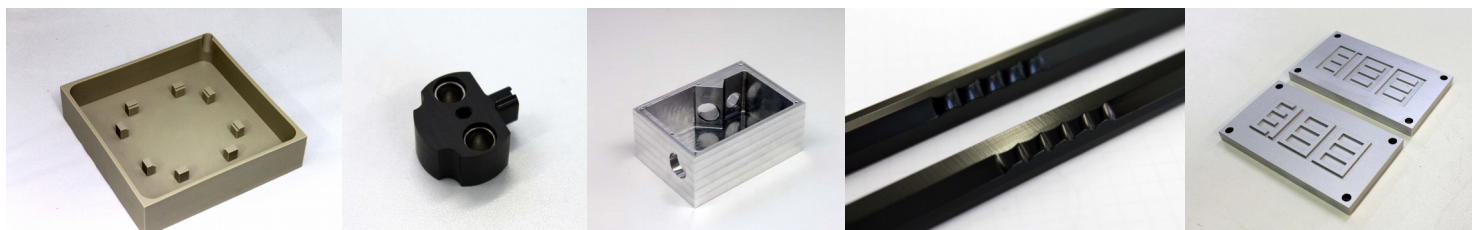
You can expect full service from initial consultation to the development and production. Mastering several manufacturing techniques, we have modern high-performance machine park:

- Freeform CNC milling 5-axis
- 3-axis CNC milling
- CNC turning
- Wire EDM (Electro discharge machining)
- Die sink EDM (Electro discharge machining)
- Flat grinding and cylindrical grinding
- Conventional machining
- Polishing
- Sandblasting and shot peening
- Welding

We machine a large variety of materials including all sorts of metals, synthetics as well as brittle materials:

- Aluminium and non-ferrous metals
- Polymers
- Steel and stainless steel
- Brittle materials (silicon, glass, quartz, ceramic, etc.)

idonus' experience, flexibility, and proven ability to deliver quality products in a short time, makes us a preferred manufacturing partner.



Machine Park

CNC Milling

Haas VF2ss -TR160 :	Number of axis : 5 Travel X/Y/Z : 760/400/500 mm
Haas SMM2	Number of axis : 3 Travel X/Y/Z : 500/400/350 mm
Haas TM -1P	Number of axis : 3 Travel X/Y/Z : 500/400/350 mm

CNC Turning

Haas TL-1	Ø Max. : 400mm Max. Length : 762 mm
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EDM (Electrical discharge machining) by wire or die sink

Agiecut Classic 2S	Travel X/Y/Z : 350/250/256 mm
Charmilles Roboform 100	Travel X/Y : 220 x 160 mm

Conventional machining

Schäublin 102 N-CF lathe equipped with W20 collet.	Ø Max. 180mm
Aciera drilling machine	Spindle's travel: 120 mm
Radial Bandsaw Mössner Rekord	maximum part height: 250 mm
Horizontal Bandsaw Femi 266	maximum part width: 265 mm
Surface grinder ELB STAR 2	Grinding surface : 600 x 250 mm
Tig Welding	DC or AC for Steel / Stainless Steel / Aluminium
Sand blasting machine	maximum part size: 800 x 500 mm
Polishing machine	

