

Since 1996



Precision, Efficiency and Quality result in Competitiveness



www.ratis.ro

About US

A family business founded in 1996, **RATIS Serv** brings 30 years of expertise in precision metal cutting, specializing in turning and milling.

With a skilled team and advanced CNC machining centers, we produce high-quality parts and subassemblies for industries such as aerospace, automotive, railway, die & mold, lifting equipment, power & energy, and general mechanics.

Flexible and forward-thinking, we continuously upgrade our technologies to meet evolving market needs. With 80% of our production exported globally, **RATIS Serv** is a trusted partner committed to precision, quality, and customer success.

The success of our customers is built on our performance.





Equipment

(Turning, Milling)

CNC Turning Machines



HWACHEON CUTEX 160AMC

max. working dimensions
(diameter. x length): 260 x 550 mm
driven tool: yes



DOOSAN LYNX 220

max. working dimensions
(diameter. x length): 170 x 290 mm



DMG CLX 450 V3 X2

max. working dimensions
(diameter. x length): 400 x 800 mm

Equipment

(Turning, Milling)

CNC Milling Centres



DMC 635V ECOLINE (DMG)

max. working dimensions
(X x Y x Z): 635 x 510 x 510 mm
4th axis: yes



RAIS 550m

max. working dimensions
(X x Y x Z): 1000 x 550 x 510 mm
5th axis: yes

Equipment

(Turning, Milling)

CNC Milling Centres



HWACHEON VESTA 1000

max. working dimensions
(X x Y x Z): 1000 x 550 x 500 mm
4th axis: yes



DMG CMX 50 U X2

max. working dimensions
(X x Y x Z): 500 x 450 x 400 mm
5th axis: yes



Equipment

(Complementary & Measuring)

Complementary

CNC Band - Saw Machine

max. working dimensions (diameter.): 220mm

Usual Material Manufactured

High-Grade steel (16MnCr5, 42CrMo(S)6 + QT, etc.)

General-Purpose steel (S235, S355, C15, C45, etc.)

Stainless steel

Titanium, 17-4 PH

Aluminium & alloys

Brass & Copper alloys

Plastic materials

Geometry

Round, Square,
Hexagon, Plates, etc.

Quality & Measuring

3D measuring machine - Nikon

Digital column - Mitutoyo

Digital micrometers for ext. & int. - Mitutoyo

Digital calipers - Mitutoyo, Mahr, Holec

Digital roughness tester

Hardness tester

Refractometer - for emulsion control

Plug & ring gauges- diverse (for threads, holes)

Leveling device - for periodical control of the machines level

Usual CAD Format Acknowledged

Step, IGES, DXF, DWG

Equipment

(3D Printer)



3D Printer



Stratasy F170

max working dimensions
(X x Y x Z) 355 x 254 x 355 mm

Supported materials

Thermoplastic Polyurethane (TPU 92A)
Polycarbonate-ABS blend (PC-ABS)
Acrylonitrile Styrene Acrylate (ASA)
Polylactic Acid (PLA)
ABS-M30

Parts examples

Turning, Millig, Assemblies



Parts examples

Turning, Millig, Assemblies





Industries covered

- > Defense
- > Aerospace
- > Automotive
- > Die & Mold
- > Railway & Power Energy
- > General Mechanics



Contact



Phone
+40 723 66 77 82



Mail
info@ratis.ro



Website
www.ratis.ro



Address
Aleea Vasile Lupu 7, 611069-Roman, NT
Romania

Pietrei 1A, 617245-Horia, NT
Romania