



High PRECISION, bring more EFFICIENCY, better QUALITY = more COMPETITIVE in the market.



Founded in 1996, the company RATIS SERV have 20 years of experience in the area of metal cutting (turning & milling). Having a team of professionals, very well qualified, and including state of the art equipment with CNC machines (turning & milling centers), we succeed to match with success to most of the highest standards from the industrial domains and we are able to offer very competitive products & services. RATIS SERV it's a very flexible company which is capable to adapt itself to the changes and the requests from the market.

The company update continuously his technologies and it constantly improve his services in order to come in front of the costumers needs.

We produce parts and subassemblies for a wide variety of industries: aerospace, automotive, railways, die & mold, lifting equipment, power energy and general mechanics – ca. 80% of our production goes to export. Having like main feature the capacity to progress, the company RATIS SERV is a reliable partner for his customers and their success is based on our performance.



CNC turning machines

✓ HWACHEON CUTEX 160AMC



- nr. of machines: 1 pc
- max. working dimensions (Diam. x Length): 200 x 270 mm
- driven tools: yes

✓ DOOSAN LYNX 220



- nr. of machines: 1 pc
- max. working dimensions (Diam. x Length): 220 x 270 mm

CNC milling centers

✓ DMC 635V ECOLINE (DMG)



- nr. of machines: 1 pc
- max. working dimensions (X x Y x Z): 635 x 510 x 460 mm
- 4th axis: yes

✓ RAIS 550 M



- nr. of machines: 1 pc
- max. working dimensions (X x Y x Z): 1000 x 500 x 510 mm
- 4th axis: yes

✓ HWACHEON VESTA 1000



- nr. of machines: 1 pc
- max. working dimensions (X x Y x Z): 1000 x 500 x 510 mm
- 4th axis: yes

✓ ANCA GX7



- nr. of machines: 1 pc
- 5th axis: yes
- grinding machine



» EQUIPMENT (COMPLEMENTARY & MEASURING)

Complementary

CNC band – saw machine:

- nr. of machines: 1
- max. working dimensions (Diam.): 220 mm



Usual CAD format acknowledged:

- STEP, IGES, DXF, DWG

Usual material manufactured:

- Normal steel (S235, S355, C15, C45, etc.)
- Alloy steel (16MnCr5, 100Cr6, etc.)
- Stainless steel
- Titanium
- Aluminium & alloys
- Brass & Copper alloys
- Plastic material

» Geometry: round, square, hexagon, plates, etc.

Quality & Measuring

(selection)

Quality & measuring (selection)

- 3D measuring machine – DEA (1 pc.)
- Digital column – Mitutoyo (1 pc.)
- Digital micrometers for ext. & int. – Mitutoyo (20 pcs.)
- Digital calipers – Mitutoyo, Mahr, Holec (16 pcs.)
- Digital roughness – Mitutoyo (1 pc.)
- Hardness tester (1 pc.)
- Refractometer – for emulsion control (1 pc.)
- Calibers – diverse (for treads, holes)
- Leveling device – for periodical control of the machines level (1 pc.)



Turning Capacity



Machine's type	Producer / Model	Pieces	Manufacturing capacity
CNC Lathe	HWACHEON CUTEX 160 AMC	1	Ømax = 200 mm Lmax = 270 mm
CNC Lathe	DOOSAN LYNX 220	1	Ømax = 200 mm Lmax = 270 mm

Milling Capacity



Machine's type	Producer / Model	Pieces	Manufacturing capacity
CNC Milling center	DMG – DMC 635 V (3 axes)	1	X=635 / Y=460 / Z=410 mm
CNC Milling center	RAIS 550M (4 axes)	1	X=1000 / Y=500 / Z=510 mm
CNC Milling center	HWACHEON WESTA 1000 (4 axes)	1	X=1000 / Y=500 / Z=510 mm
CNC Milling center	Mari Seiki – NVX5100 (4 axes)	1	X=1050 / Y=530 / Z=510 mm
CNC Milling center	DMG – DMU 75 monoBLOCK (5 axes)	1	X=750 / Y=650 / Z=560 mm
CNC Milling center	DMG – DMU 95 monoBLOCK (5 axes)	1	X=950 / Y=850 / Z=650 mm



Company's Data



LOCATION

- in the city of Roman, county Neamt, at 300 km from Bucharest, European road E85

HISTORY

- founded in 1996 (*family business*)
- company is specialized in the manufacturing of parts using metal cutting technologies (turning, milling, etc.)

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Company's Description



PERSONNEL:

- ▶ Total nr. of employees: 27
 - CNC machines operators: 14
 - CNC programmers: 2
 - Quality: 2
 - Technical Manager: 1
 - Managing Director: 1

MAIN INDUSTRIES COVERED:

- ▶ Aerospace
- ▶ Automotive
- ▶ Die & Mold
- ▶ Railway & Power Energy
- ▶ General Mechanics

Ratis
professional mechanic engineering

