Romanian Group of Companies NOVA

NGV
Nova Grup Vices



NGT TOOL HOLDERS



NOVA MODUL
Military and civilian firearms





NOVA GRUP
gearing your business



NOVA TECHNOLOGY
Small Series Production

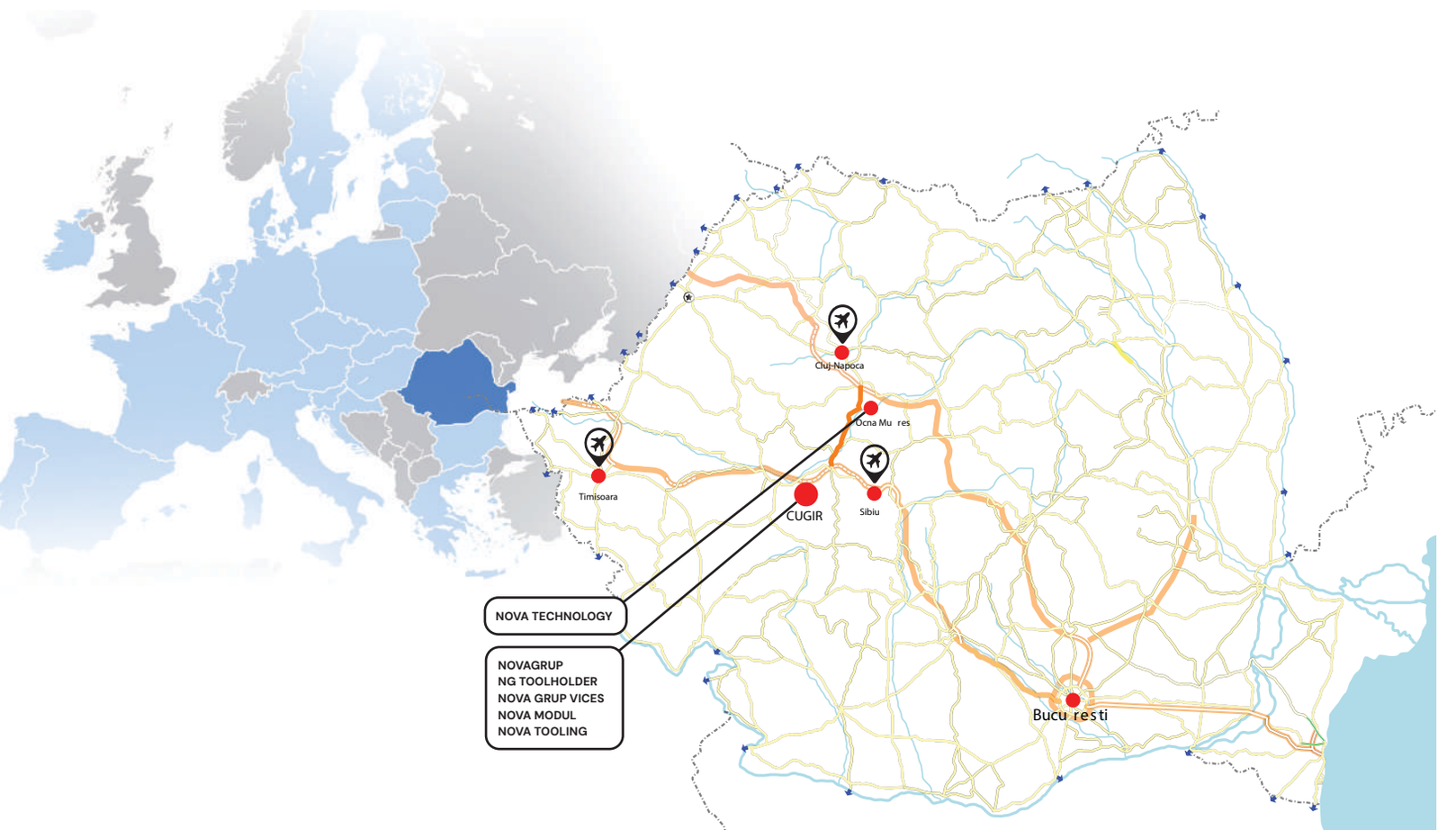


nova
TOOLING

The Romanian Group of Companies Nova was established in 1994, as a family owned business located in Cugir, an industrial town with a tradition in steel machining of 200 years.

Index

Nova History	02
Locations	04
Values	06
Machine tool accesories business	07
Gears production business	11
Firearms production business	14



Motorway (A1 near Cugir)

Located in the heart of Transylvania, the town of Cugir benefits from a strategic position in central Romania. Just a short 15-minute drive from the A1 motorway, Cugir offers fast and convenient access to major European routes. Whether heading west towards Hungary, Austria, or Germany, or connecting to other key cities in Romania, Cugir is perfectly placed for efficient delivery across the continent.

NOVA history and evolution

The NOVA group of companies was founded in 1994 through Nova Modul as a family business, headquartered in Cugir, a town with a long-standing industrial tradition in the central-western part of Romania.

1994 – Foundation of Nova Modul as a family business specializing in gear machining and mechanical components for the automotive industry, based on customer documentation.

2000 – Foundation of Nova Grup with the construction of a new production hall to expand and diversify production capacities in the field of fine mechanics and gear manufacturing.

2008 – Strategic shift in Nova Grup management philosophy from manufacturing components based on customer documentation to producing final products (machine tool accessories – toolholders for turning machines and clamping systems for milling centered machines) under the NOVA GRUP brand.

2012 – Strategic shift in Nova Modul's management philosophy towards manufacturing magazines and other firearm components for the civilian market.

2012 – Foundation of Nova Technology with the construction of a new production hall to support the surplus production of the other companies in the group.

2014 – Nova Modul produces the first civilian firearms based on its own documentation under the NOVA MODUL brand.

2020 – A segment of NOVA Grup business (accessories for milling centered machines) was transferred under Nova Grup Vices brand.

2020 – A segment of NOVA Grup business was transferred under Nova Tooling (NT), specialized in unique parts and tooling for manufacturing preparation.

2020 – A segment of NOVA Grup business was transferred under NG TOOLHOLDER (NGT) brand, dedicated to producing machine tool accessories for CNC lathes.

2023 – Inauguration of the Nova Modul new production hall.

2020-2024 – International expansion and consolidation of NOVA group's national position as the only major Romanian manufacturer of machine tool accessories and civilian firearms.

NOVA Locations

Group of Companies NOVA

Founded in 1994 as a family-owned business, the NOVA Group of Companies is headquartered in Cugir – a city with a strong industrial heritage located in the center-west region of Romania. Over the years, the complexity and diversity of NOVA's products and services have evolved significantly, reflecting our ongoing commitment to innovation, excellence, and adaptability to the demands of the modern market.



NOVA GRUP / NG TOOLHOLDER / NOVA GRUP VICES / NOVA TOOLING

Address: Victoriei Street, nr. 22, Cugir (3000m^2)



NOVA MODUL Location A

Address: Victoriei Street, nr. 77, Cugir (2500 m²)



NOVA MODUL Location B

Address: Mihai Viteazu Street, nr. 98A, Cugir (800 m²)



NOVA TECHNOLOGY

Address: Principala Street, nr. 176A, Captalan, Alba (300 m²)

NOVA values

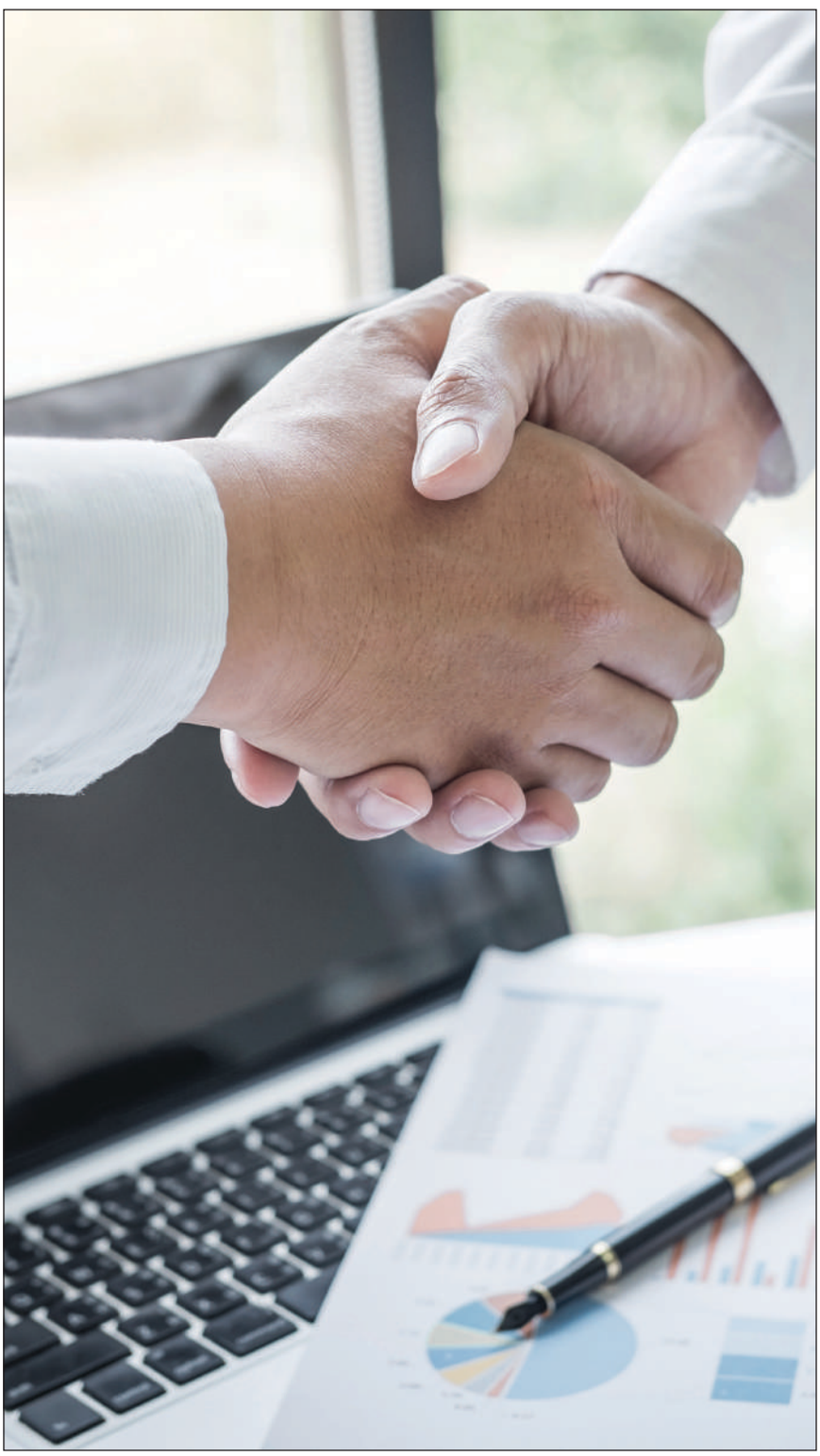
1. Integrity
Demonstrating integrity we promote trust, respect and cooperation. We keep ourserselves responsible and we honor the promisses we make.

2. Authenticity
We are one in what we do and we are one in what we think. We act in accordance with our principles.

3. Adaptability
We offer the right solutions for clients' objectives.

4. Continuous development
We are connected with the latest manufacturing technology. We increase performance by developing people and by organizing internal processes. We are constantly innovating, developing new products for existing and new markets.

5. Mission
Delivery of complete solution from concept to component production, unique and serial production.



Machine tool accessories business

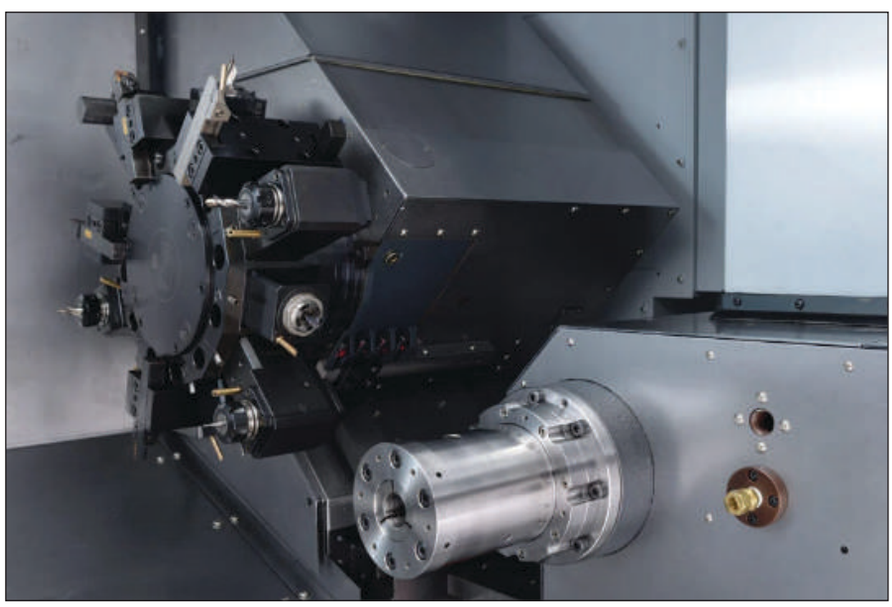
NG Toolholder (NGT) is the only Eastern European manufacturer of driven toolholders and accessories for CNC lathes.

Main Products:

- Driven Toolholders (Live Tool Holders)
- Static Toolholders (Static Tool Holders)
- Axial Thread Synchronization Toolholders
- Grinding Carriers

Technical Features:

- CNC Lathe Turret Interface: VDI, BMT, BOT, SWISS
- Drive Couplings: DIN 1809, DIN 5480, DIN 5482, HAAS, OKUMA, TOEM-BARUFALDI, EMAG, MAZAK, INDEX-TRAUB, FLAT (~DIN 1809), TORNOS, STAR
- Cooling Systems: Internal 20-80-120 bar, External
- BMT Shank Sizes: 40, 44, 45, 55, 60, 65, 68, 75





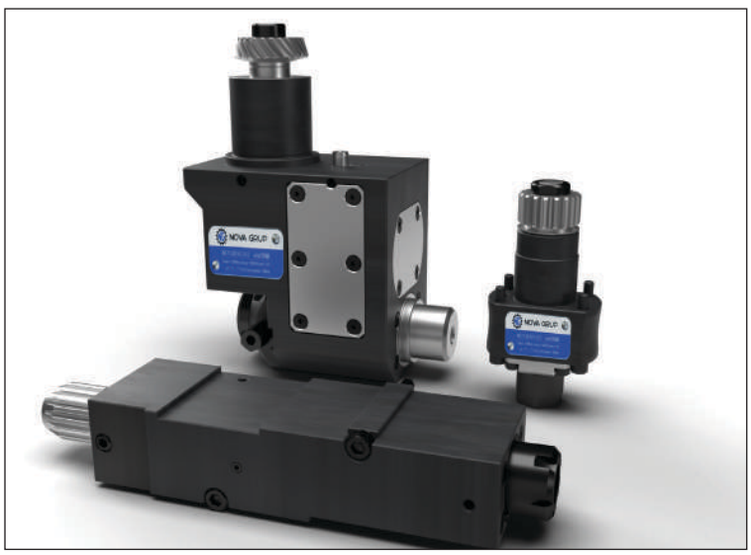
CNC LATHE TURRET INTERFACE
- VDI, BMT, BOT, SWISS

DRIVE COUPLINGS
- DIN 1809, DIN 5480, DIN 5482, HAAS, OKUMA, TOEM-BARUFALDI, EMAG, MAZAK, INDEX-TRAUB, FLAT(-DIN 1809) TORNOS, STAR

COOLING SYSTEMS
- Internal 20-80-120 bar, External

BMT SHANK SIZES
- 40, 44, 45, 55, 60, 65, 68, 75





Quality Assurance
- Components in stock, assembled to internal tech standards
- 100% automated testing: speed, vibration, noise, temperature, coolant pressure
- Final 3D inspection with Zeiss CMM
- Certificate of Conformity
- Warranty
- Zeiss 3D Measuring Protocol

Ensuring top-tier precision and reliability



Clamping systems for milling centered machines

Centering Vices



CV78M



CV126S

Dual Clamping Vices



DV78



DV126

CNC Precision Vices



MC 125



M 125

Centering Vices - Sofw Jaws



SJV78-XL



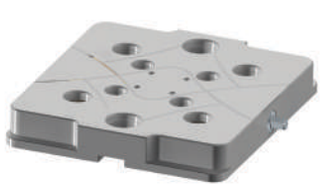
SJV126-XL

Zero Point Precision Center

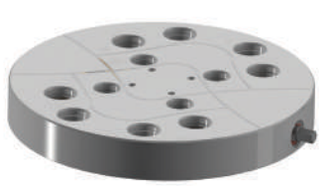


ZPC50

Zero Point Plates



PPZ1



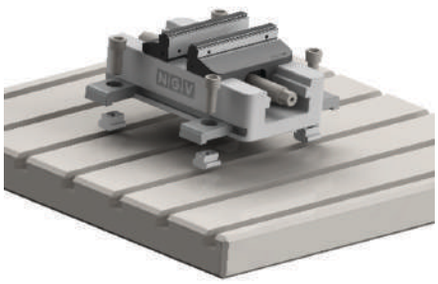
PPZ4



PPZ5

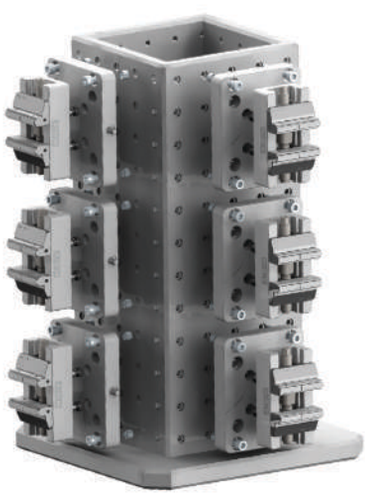
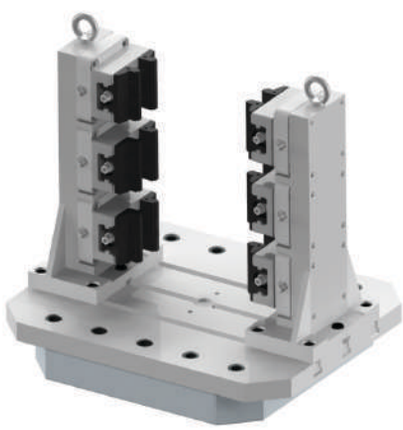
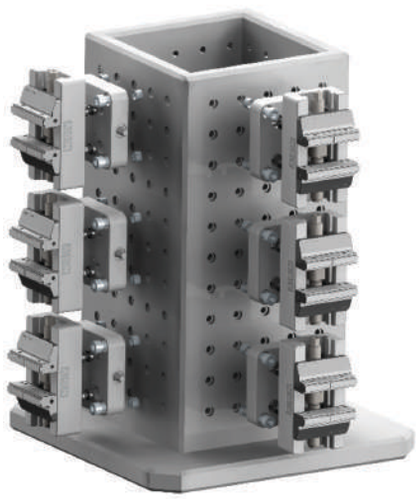
Clamping systems solutions for milling center machines by using centric vices and zero-point plates

3 and 5 axes solution





4 axes solution

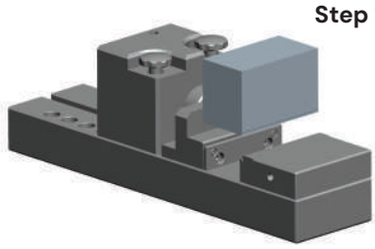




Benefits of using a NGV self-centering vice on an CNC milling machine with 3+1Axis

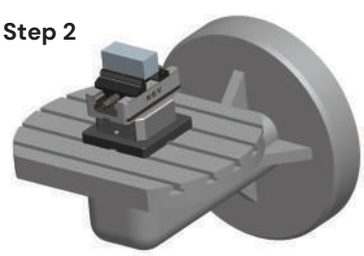
Step1: Pre stamp the raw part for better grip in the vice.
Step 2: Clamp the raw part in the vice mounted on the table of the milling machine. Easy access for milling one side out of five from the raw part
Step 3: Unclamp the vice with the mill part from step two and mount it on the zero-point on the 4th axis to manufacture the remaining four sides of the raw part.

Benefits: Easy and rapid manufacturing of five out of six sides of the raw part with only one simple chageover of the vice with the raw part assembly.

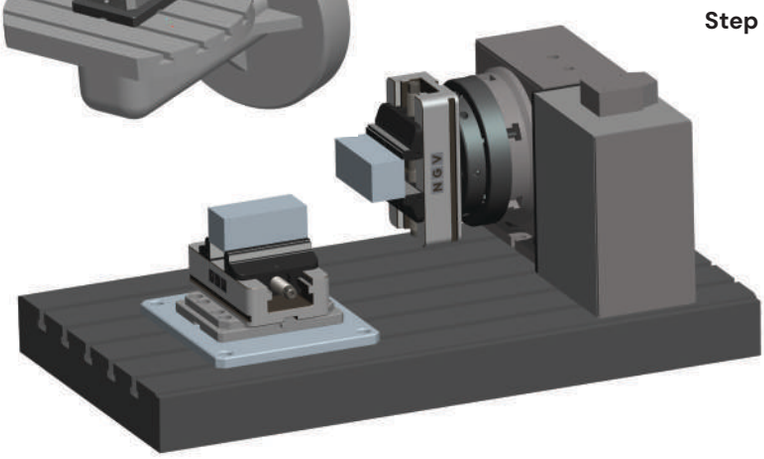
Step 1



Step 2



Step 3

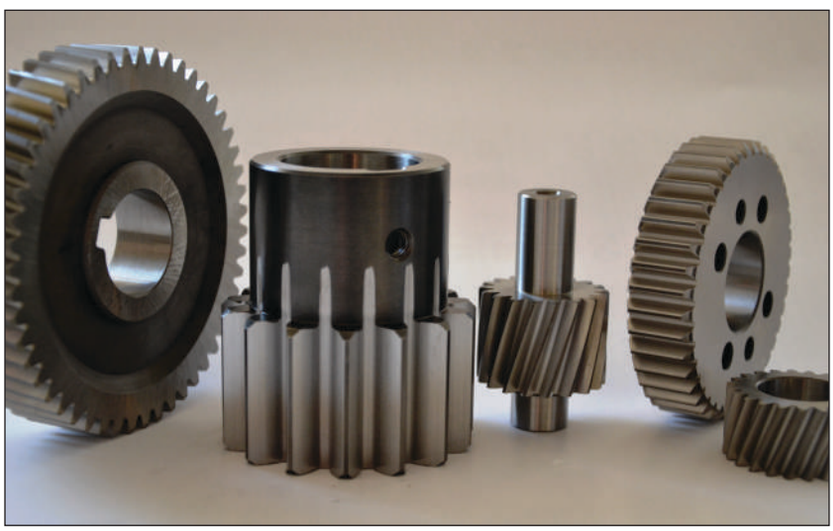


NOVA GRUP
gearing your business

Gears production business

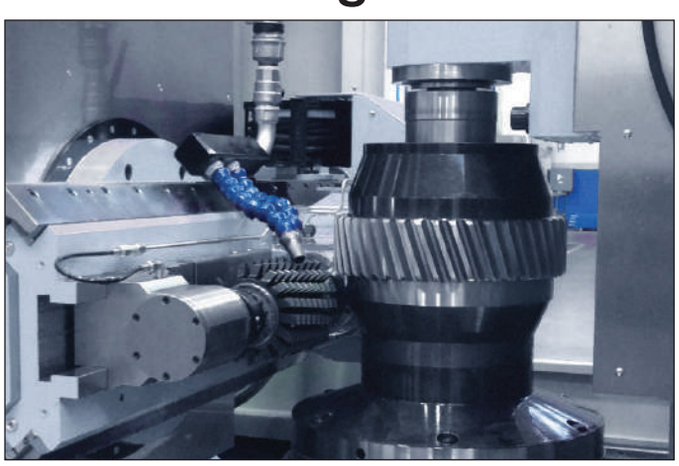
With Nova Gears you get everything from one source: turning, milling, gear cutting, heat treatment, grinding, gear grinding. In our production facilities with modern CNC machines, our highly qualified production team produces gears in various sizes. They are made especially of steel, with varying levels of case hardened and annealed (up to 62-64 HRC).

Gear Products





Gear hobbing machines



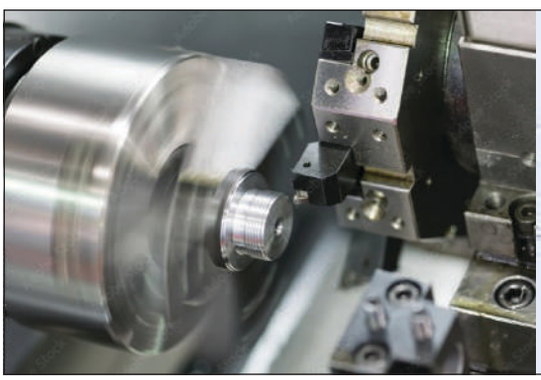
Gear grinding machines



CNC gear testing machines

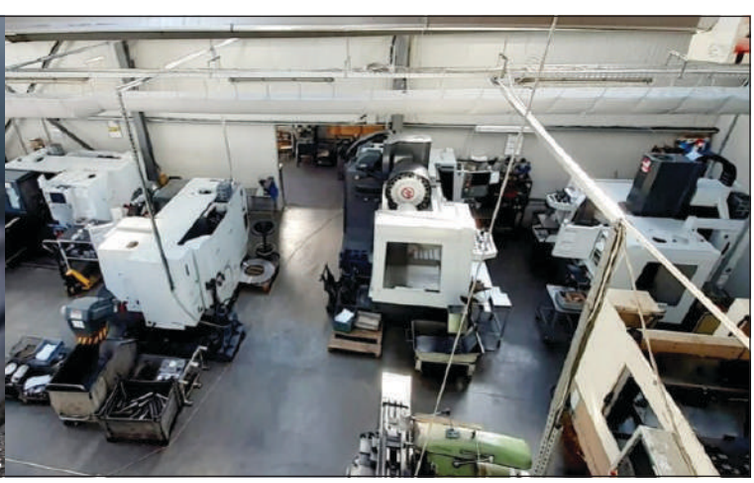


NOVA TECHNOLOGY, a member of the Nova group, specializes in precision machining services using advanced CNC lathes and milling machines. The company supplies the group with both semi-finished and finished components, ensuring high quality and reliability across all production stages.









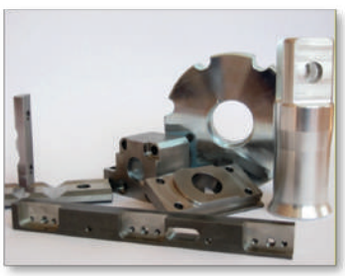


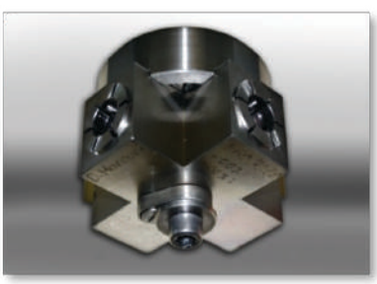
nova
TOOLING

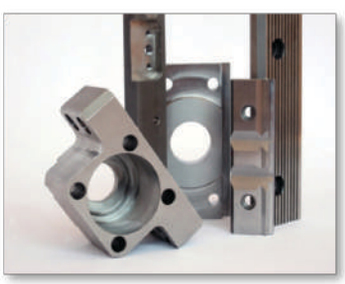
At the customer's request we design and manufacture:
- **Inspection and control systems**
- **Assembly fixtures**
- **Molds and dies**



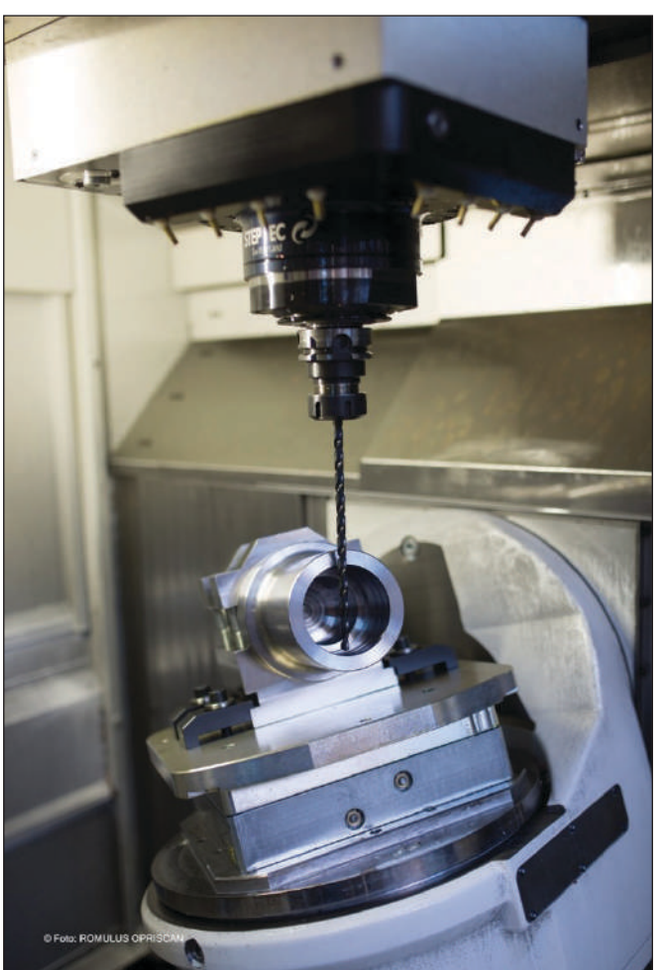












NOVA MODUL

Firearms production business

Developing innovative products designed and manufactured in Cugir, Romania. Aiming to provide a wide spectrum of applications, we are always focused on quality and reliability.

Semi-automatic Rifles in various calibers



CTS9 Tactical (CTS9T)



RAK1 Tactical (RAK1T)



CTS9 Classic (CTS9C)



SKR762 Classic (SKR7C)



RAK 1 Europe Supra (RAK1ES)



RAK22 Europe (RAK22E)



NOVA MODUL

Semi-automatic Pistols in various calibers



CTS9 Tactical Pistol (CTS9TP)



NAK1 Tactical (NAK1T)



PAK9 Tactical Pistol (PAK9TP)



PAK9 Europe (PAK9E)



NAK9 Europe (NAK9E)



NAK9S Europe (NAK9SE)



NGV
Nova Grup Vices

Phone: +40 720 382 382
Mail: ngv@novagrup.ro
Web: www.novagrupvices.ro
Address: Str. Victoriei nr. 22 515600, Cugir, jud. Alba, Romania

NGT TOOL HOLDERS

Phone: +40 358 401 712
+40 358 401 713
Mail: office@novagrup.ro
Web: www.ngt-tools.ro
Address: Str. Victoriei nr. 22, 515600, Cugir, jud. Alba, Romania

NOVA MODUL

Phone: +4 0732 980 803
Mail: info@novamodul.com
Web: www.novamodul.com
Address: Str. Mihai Viteazu 98A, 515600 Cugir, Romania

NOVA GRUP
gearing your business

Phone: +40 358 401 712
+40 358 401 713
Mail: office@novagrup.ro
Web: www.novagrup.ro
Address: Str. Victoriei nr. 22, 515600, Cugir, jud. Alba, Romania

NOVA TECHNOLOGY

Phone: +40 258 873 170
+40 723 645 932
Mail: office.novatechnology@novagrup.ro
Web: www.novatechnology.ro
Address: Str. Principala nr. 176A 515700, comuna Noslac, Captalan, jud. Alba, Romania

nova TOOLING

Phone: +40 720 382 382
Mail: nt@novagrup.ro
Web: www.novatooling.ro
Address: Str. Victoriei nr. 22 515600, Cugir, jud. Alba, Romania

