FineTech

ADVANCED CNC CAPABILITIES

BULGARIAN PRECISION CNC MACHINING

WHERE COMPLEXITY MEETS CONTROL.

Complex, tight-tolerance parts and sub-assemblies for demanding programs where precision matters.

INDUSTRIES SERVED: DEFENSE · OPTICS · MEDICAL · FINE MECHANICS · SPACE

±0.005–±0.010
Typical linear tolerance, mm

Ra 0.4 µm
Machined surface roughness

Ra 0.2 µm after finishing
From demanding geometry to ready-to-install parts



A PARTNERSHIP BUILT AROUND PRECISION

Let’s talk about your next demanding component.

Send us a STEP model, 2D drawing, sample or production challenge. We’ll respond with a practical manufacturing path.

COMMERCIAL CONTACT

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A CONVERSATION WORTH HAVING

BUILT FOR THE DIFFICULT PART.

Optix FineTech AD combines advanced CNC machining, in-house finishing and metrology across two complementary Bulgarian production sites.

01 / MACHINING FLEET

20 CNC machines. Premium builders.

5-axis milling, mill-turn, turning and Swiss-type sliding-head work from Hermle, Okuma, Mazak, Star and Haas.

02 / METROLOGY

Control where the part is made.

4 CMM systems across both sites, plus surface-roughness testing and shop-floor gauging.

03 / COMPLETION

More than machining. Ready to install.

Finishing, coating, marking, cleaning, packaging and mechanical assembly in one coordinated supply chain.



THE OUTCOME

A component that earns its place in the assembly.

PRODUCTION SITE 01

Bozhurishte

Automated precision cells with simultaneous 5-axis and mill-turn machining, 18- and 8-pallet systems, KUKA robot automation, laser marking and ultrasonic cleaning. Lights-out capable.

PRODUCTION SITE 02 · CERAKOTE

Panagyurishte

Cerakote® certified applicator / factory trained. Flexible milling and turning fleet with in-house wet and powder coating, blasting, vibratory finishing, laser marking and clean packaging.

MATERIALS Aluminium · Stainless steel · Titanium · Copper and brass · Nickel alloys · Carbon and tool steels · PEEK, POM-C, PTFE, PA6 and more

FOR YOUR NEXT RFQ

Send a STEP model and 2D drawing.

Engineering feedback at quotation stage — from prototypes and first articles to automated series production.

START A CONVERSATION

Optix FineTech AD

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