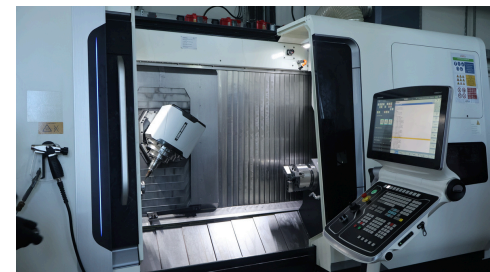


PROTA

Ostim Teknopark Teknoloji Üretim Atölyesi

PROTA Technology Manufacturing Workshop, operating within Ostim Teknopark, provides engineering-driven solutions to start-ups, SMEs, and large industrial companies in rapid prototyping, product development, low-volume manufacturing, and pre-series production processes.

With our extensive machinery, skilled technical team, and advanced manufacturing infrastructure, we turn ideas into physical products, enable prototype testing and product development, and support the controlled scaling of manufacturing processes.



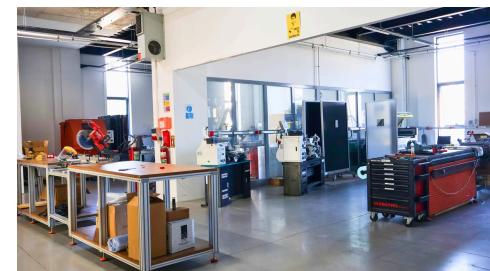
01

MACHINING



02

METAL FORMING



03

MAKERSPACE



04

ADDITIVE MANUFACTURING



05

NON-TRADITIONAL
MANUFACTURING



06

CMM



Ostim Teknopark Teknoloji Üretim Atölyesi



📍 Ostim Teknopark – Orange Building PROTA Technology Manufacturing Workshop

Ostim OSB Mahallesi, Cevat Dünder Caddesi
No: 1/1/1, 06374 Yenimahalle / Ankara, Türkiye

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📍 Ostim Teknopark – Turquoise Building
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ostimteknopark



Bu Proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmektedir



PROTA

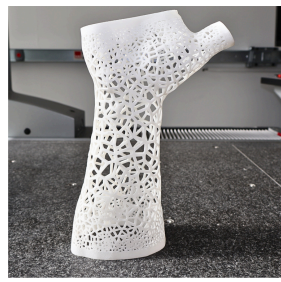
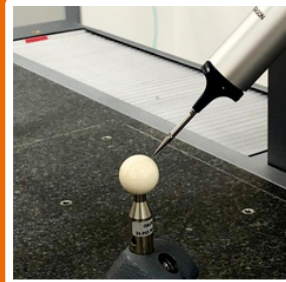
Ostim Teknopark Teknoloji Üretim Atölyesi



OUR PRODUCTION CAPABILITIES



- Machining
- Metal Processing and Forming
- Robot-Assisted Manufacturing
- Non-Traditional Manufacturing Methods



- Additive Manufacturing Technologies
- Precision Measurement and Quality Control with CMM
- Processes for Improving Surface and Material Properties

WHAT DOES PROTA OFFER YOU?

- Turn your ideas into physical prototypes.
- Bring your technical drawings into production.
- Test the manufacturability of your products.
- Plan your low-volume and mass production processes.
- Receive quality control and measurement support.
- Gain hands-on manufacturing experience using our Makerspace facilities.

OUR SERVICES

Rapid Prototyping

For projects with completed technical drawings or 3D models, the appropriate manufacturing method is determined, and production begins quickly.

Based on technical requirements such as material, geometry, tolerances, surface finish, and intended use, the manufacturing process is planned to deliver prototypes quickly, accurately, and according to specific needs.

Low-Volume Production and Mass Production

PROTA also provides solutions to projects transitioning from the prototyping stage to low-volume production, pre-series production, and mass production.

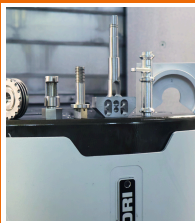
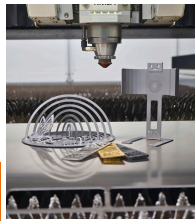
Before moving to mass production, you can test your manufacturing process using PROTA's advanced technological infrastructure through low-volume or pre-series production.

This allows you to validate your product and manufacturing processes, identify potential errors at an early stage, and transition to mass production more quickly, reliably, and efficiently.

Prototype Development

We provide technical development support for projects in the design phase. Necessary technical modifications are made to ensure that projects are ready for manufacturing.

- ✓ Suitable Material and Manufacturing Method Selection and Implementation for Prototyping
- ✓ Material and Manufacturing Process Planning
- ✓ Alternative Manufacturing Recommendations
- ✓ Budget and Process Planning
- ✓ Revision and Technical Evaluation



FLEET OF HIGH-TECH MACHINERY

- ✓ 5-Axis CNC Vertical Machining Center
- ✓ Multi-Axis Turn-Mill Machining Center (C-Y Axis Turning)
- ✓ Direct Metal Laser Sintering (DMLS)
- ✓ Selective Laser Sintering (SLS)
- ✓ Stereolithography (SLA)
- ✓ Multi-Function Synchronized Industrial Robots
- ✓ Wire EDM and Hole-Drilling EDM
- ✓ Fiber Laser
- ✓ Press Brake
- ✓ CNC Plate Rolling Machine
- ✓ Heat Treatment Furnace
- ✓ 150-Ton Double-Acting Hydraulic Press
- ✓ Low-Temperature Oven
- ✓ CNC Router
- ✓ Profile and Surface Grinding
- ✓ Cylindrical Grinding
- ✓ Sandblasting Cabinet
- ✓ Tumbler
- ✓ CMM
- ✓ Laser Marking



MAKERSPACE AREA

A Makerspace is a collaborative manufacturing environment where technology, science, art, and practical skills come together, enabling ideas to be transformed into prototypes and real-world products.



- Band Saw
- 3D Printers (FDM)
- Universal Lathe (2 Units)
- Toolroom Milling Machine
- Jigsaw
- Laser Engraver
- Jigsaw
- TIG and MIG/MAG Welding
- Hand Tools

WHO IS IT FOR?



STUDENTS



ACADEMICS



START - UPS



SMES



THOSE WHO WANT TO BRING THEIR IDEAS TO LIFE