

Who are we?

A workshop specialized in machining, offering precise services tailored to client needs. We have modern machinery that allows us to produce various metal parts with a high degree of precision. Our team consists of qualified personnel, ready to provide quick and efficient solutions. We combine advanced technology with technical expertise to guarantee superior quality products, whether for prototypes, small series, or industrial production.



OPTIM HUB

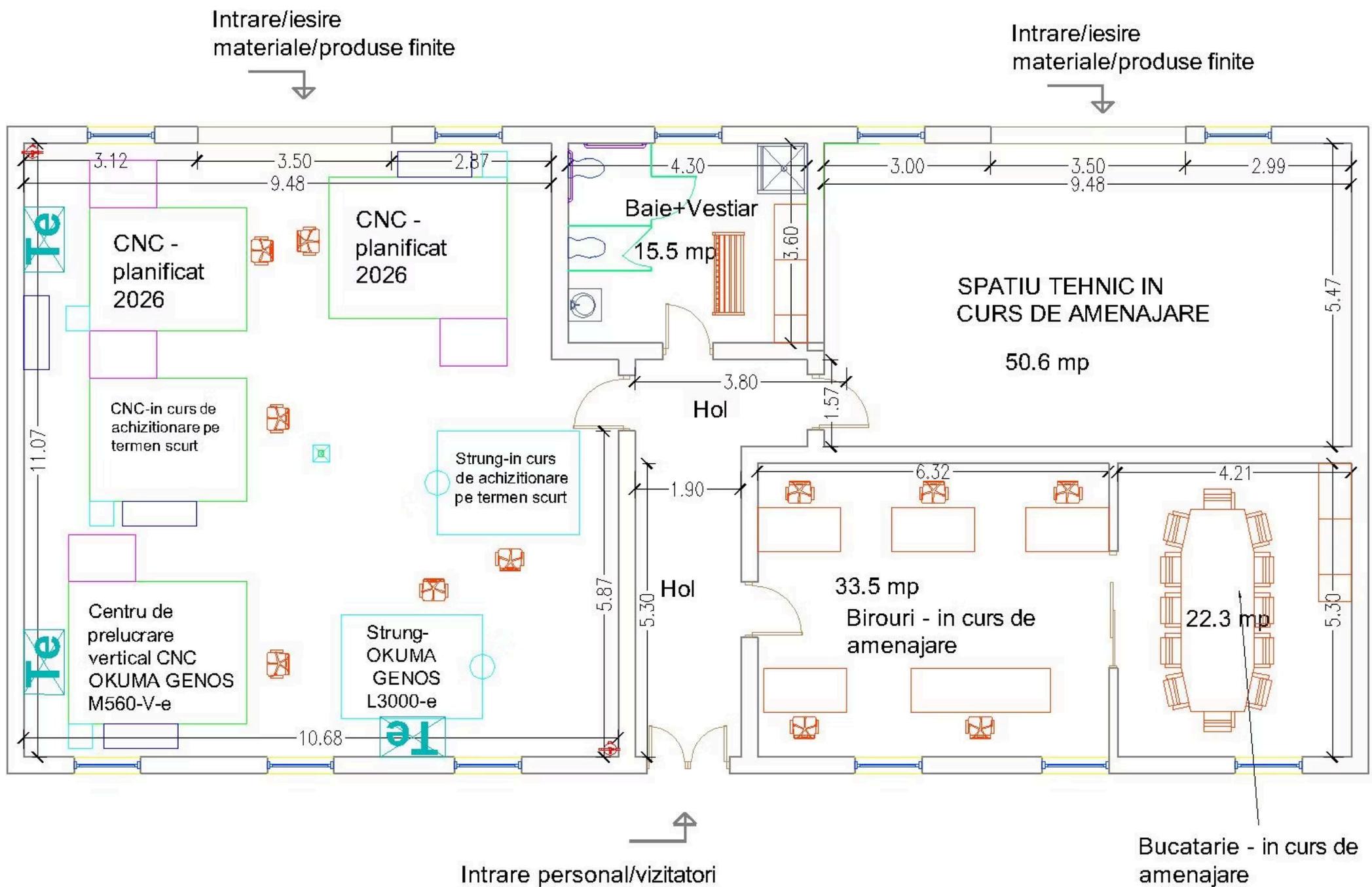
ENGINEERING

OPTIM PARTNER - OPTIM SOLUTIONS

Our Production Facility

At Optim Hub, we pride ourselves on a modern production space, designed for maximum efficiency and exceptional precision. Each area is optimized to support the workflow, from material reception to product finishing. The plan details the strategic organization, and the images reflect our commitment to an orderly and technologically advanced work environment.





Equipment Placement

Meticulous optimization of our production space allows for strategic equipment placement, maximizing workflow efficiency and reducing operating times. This scheme reflects our commitment to an efficient working environment and high-quality production; in the future, we aim to complete the production area by acquiring the remaining machinery.

About Us

Our Mission: Solutions, Quality, Precision, Partnership

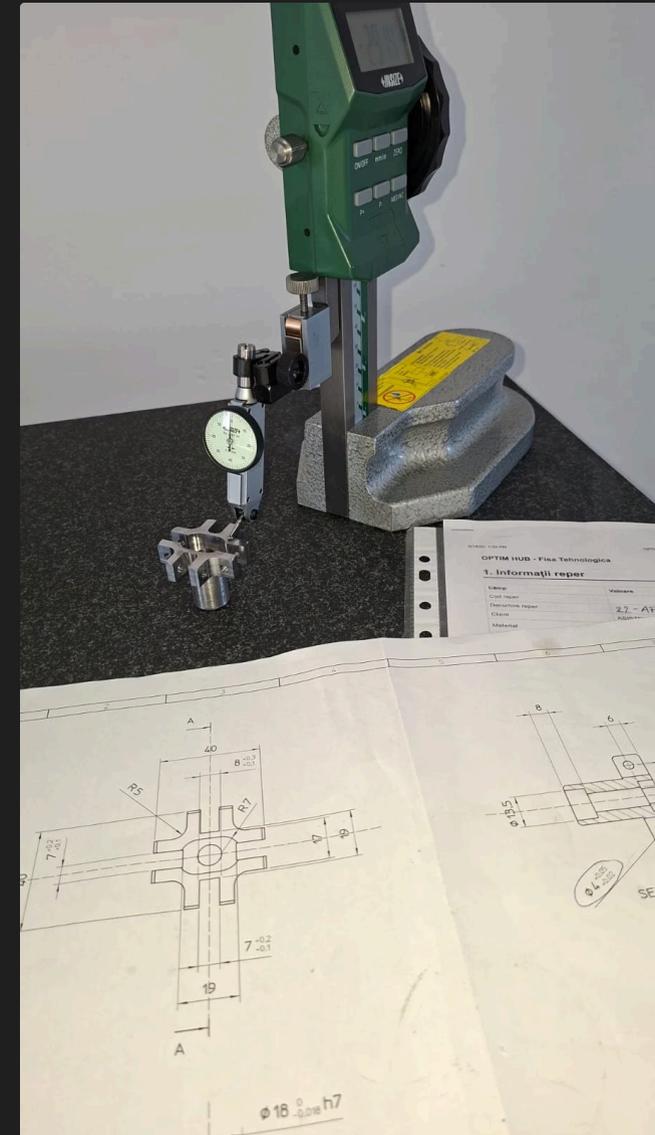


Our mission is simple: to deliver exceptional quality, guarantee millimeter precision, and be a reliable partner for our clients. We don't just process different materials; we transform a plan, an idea, into a perfectly functional component that meets the most demanding requirements.

Costin Mădălin, CEO



- We offer complete mechanical processing solutions, tailored to the needs of each client.
- We are dedicated to delivering parts and components of the highest quality, respecting established deadlines and the highest precision standards.
- We consider each project a challenge and an opportunity to demonstrate our expertise, building long-term partnerships.





We are delighted to use high-performance machines from the OKUMA manufacturer range

Description

To guarantee precision, we constantly invest in modern equipment. Our CNC lathe, a versatile machine, is capable of processing parts from the simplest to the most complex. The CNC milling machine perfectly complements the lathe, allowing us to create parts with complex geometries, impossible to achieve through traditional methods.

OPTIM HUB ENGINEERING

Diverse Materials: We work with a wide range of materials, including steel, stainless steel, aluminum, bronze, copper, and technical plastics.

Technical
Plastics

Stainless Steel

Aluminum

Bronze

Steel



Equipment and Technology

Turning



Max Turning Diameter [mm]: 300

Max Turning Length [mm]: 500

Number of Tools: 12

Optional Machining: L,M, MY, MYW

Milling



Table Size [mm]: 1300×560

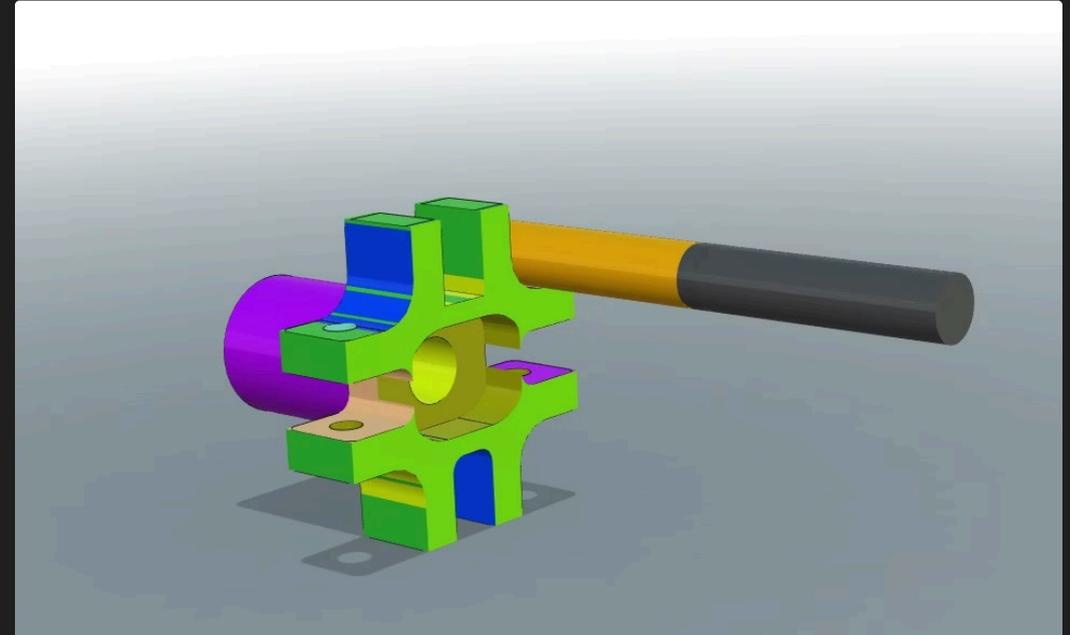
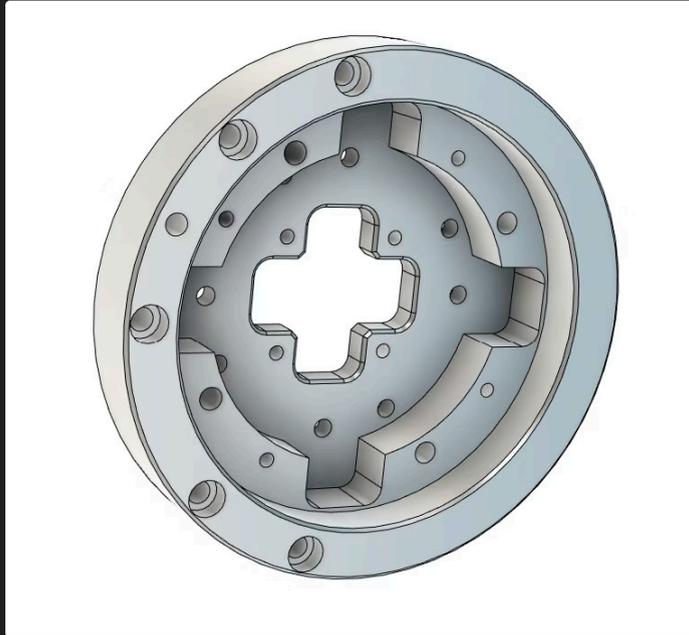
Number of Tools: 32

Travels [m/min]: X:1050 / Y: 560 / Z: 460

Optional Machining: 4th axis (A)

Main Spindle Speed [min-1]: 15000

Design and Technical Consulting



01

Needs Analysis

We meet with you to thoroughly understand the project requirements, from functionality to material and finish.

02

3D Modeling (CAD)

We create a digital model of the part, ensuring that the design is optimized for production and functionality.

03

Technical Documentation (CAM)

We generate technical drawings and processing programs, essential for the next stage.

Execution

Once the project is approved, we move to production. This is where our machines, the lathe and the milling machine, come into play. Whether it's small series production or a single complex part, each operation is carefully scheduled and monitored. The expertise of our staff and the technology of our machines ensure impeccable execution, transforming the raw material block into the final part.

- **CNC Lathe:** Rapid and precise execution of rotational parts.
- **CNC Milling Machine:** Complex machining of flat surfaces and 3D forms.
- **Materials:** We use a wide range of quality materials, according to project specifications.



Technical Quality Control

We never deliver a part before it goes through a rigorous Quality Control process. We measure and verify every detail. We use precision instruments to confirm that dimensions are within specified tolerances. For us, quality is not an option, but a requirement. The inspection report you receive is concrete proof of our commitment to excellence.



Driven by the need to be efficient in terms of the verification range of our products, we have successfully established a collaboration with INSIZE, offering a diverse range of measuring instruments that meet our needs.



Rigorous checks

Whether they are digital calipers, micrometers, parallel gauge blocks, or dial indicators, we combine their use to confirm that dimensions are within specified tolerances.



Qualified personnel

We measure and verify every detail. For us, quality is not an option, but a requirement. The inspection report you receive is concrete proof of our commitment to excellence.

Finished Product and Delivery

Cleaning and Finishing

After the part has successfully passed quality inspection, we meticulously clean it to remove any oil residues or chips. The part is then ready to be integrated into its final application, without requiring any additional intervention from your side.

Protective Packaging

Each component is carefully packed in a way that protects it against shocks, moisture, and dust during transport. We use appropriate materials to ensure that the product arrives at you in the perfect condition it left our workshop, ready for immediate use.

After-Sales Support

Our relationship does not end with delivery. Our team is available to provide technical consultation and after-sales support. If you have questions regarding assembly, operation, or other technical aspects, you can count on us to guide you.

Why Choose Optim Hub?

Choosing Optim Hub means a reliable partner dedicated to excellence in metal processing. Here are the key reasons:



Advanced Technology and Precision

We use state-of-the-art OKUMA machinery, ensuring millimeter precision and superior finishes for every part.



Rigorous Quality Control

Every product undergoes strict Technical Quality Control, guaranteeing compliance with the highest standards.



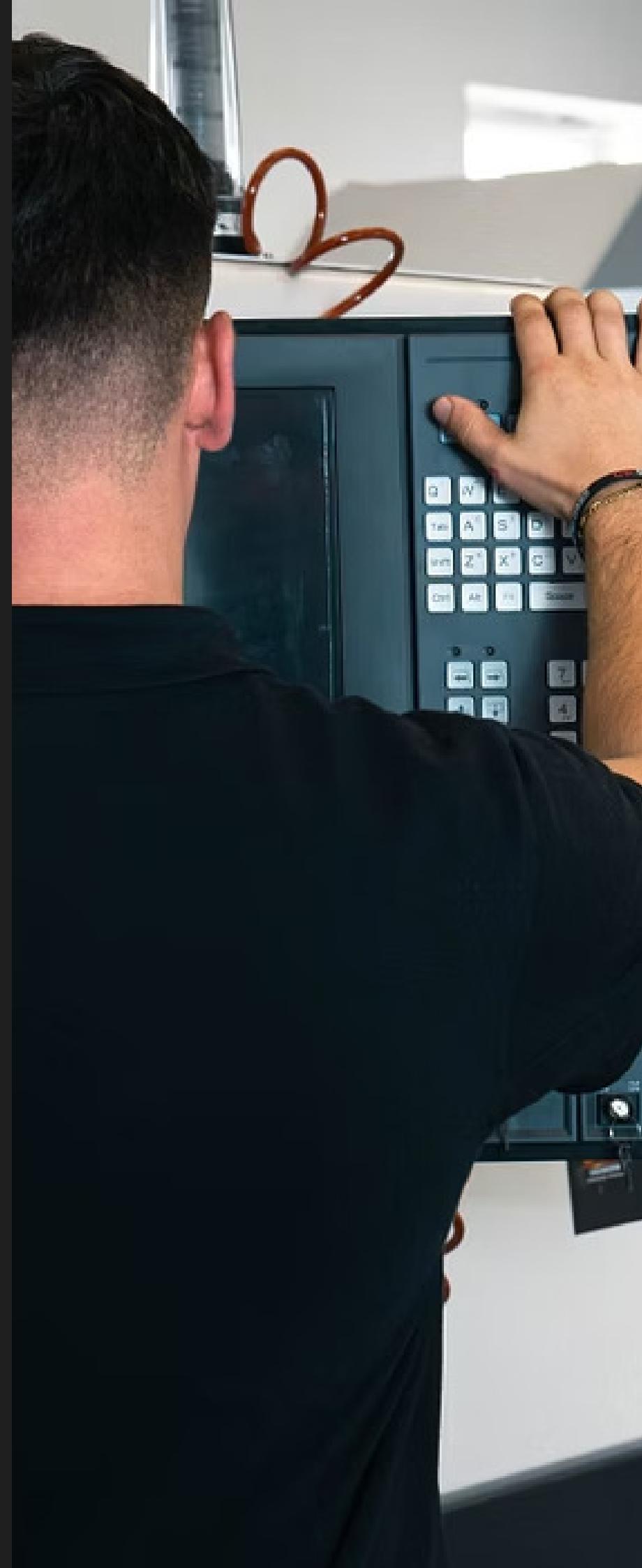
Lasting Partnership

We are committed to providing after-sales support and building long-term relationships based on trust, innovation, and a shared vision.



Integrated Solutions

We offer comprehensive services, from technical consultancy and 3D modeling to execution and delivery, simplifying the entire process for you.



OPTIM HUB Strengths

1. **Modern Technology** – The workshop is equipped with state-of-the-art CNC equipment, ensuring high-precision machining.
2. **High Flexibility** – We accept unique projects, prototypes, and small to medium series.
3. **Technical Expertise** – Our team has solid experience in programming and machining on CNC lathes and milling machines.
4. **Optimized Execution Time** – Our process organization allows us to reduce downtime and costs.
5. **Rigorous Quality Control (CTC)** – Every part is checked before delivery, according to technical requirements.
6. **Clear Client Communication** – We offer total transparency in the quoting and execution process.
7. **Variety of Materials** – We process a wide range of materials: alloy steels, aluminum, stainless steel, bronze, brasses, technical plastics, etc.
8. **Software Adaptability** – We work with CAD/CAM files in various formats, facilitating collaboration with clients and designers.
9. **Confidentiality and Accuracy** – Clients' technical data is protected, and executions are carried out according to exact specifications.



Our ISO Certifications

Our commitment to excellence is supported by a series of internationally recognized ISO certifications, which attest to conformity with the highest standards of quality, environment, and occupational health and safety.

ISO 9001:2015



This international standard defines the requirements for a Quality Management System (QMS). It ensures that our products and services consistently meet customer and applicable regulatory requirements through efficient processes and a focus on continuous improvement.

ISO 14001:2015



This international standard specifies the requirements for an Environmental Management System (EMS). It allows us to systematically manage environmental responsibilities, contributing to environmental protection, pollution prevention, and fulfillment of compliance obligations.

ISO 45001:2018



This international standard establishes the requirements for an Occupational Health and Safety Management System (OHSMS). By implementing it, we are committed to preventing work-related injury and ill-health, providing a safe and healthy workplace for our employees and visitors.



ISO 9001:2015

Quality Management



ISO 14001:2015

Environmental Management

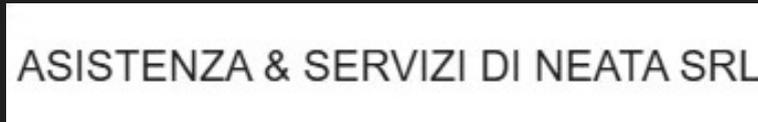


ISO 45001:2018

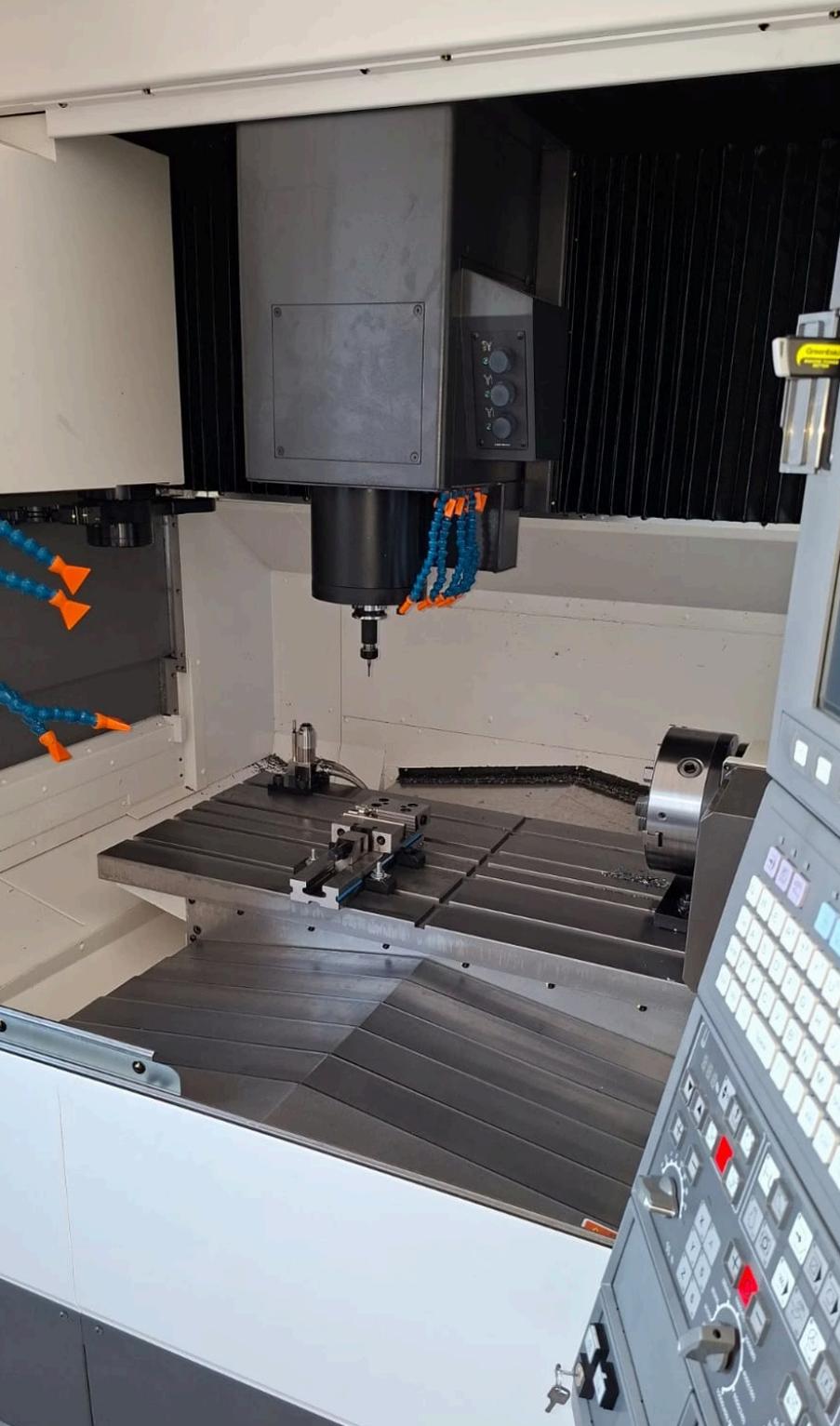
Occupational Health and Safety

Our Clients

We are proud to collaborate with a series of prestigious companies from various industries, contributing to the success of their projects. Our partnerships are built on mutual trust and technical excellence.



These partnerships highlight our commitment to providing the highest quality metal processing solutions, tailored to the specific needs of each client.



Our Partners



GREENBAU
TECHNOLOGIE



ISCAR



ATMA GRUP



INSIZE



HOFFMANN GROUP



GERARDI



KEMMLER



Conclusion

Choosing Optim Hub means a strategic partner for the success of your projects. We summarize the key benefits that define us:



Precision and Advanced Technology

Next-generation OKUMA machinery and a team of experts ensure the impeccable execution of parts, with meticulous attention to detail.



Unquestionable Quality and Flexibility

Each product undergoes rigorous Quality Control processes, guaranteeing conformity. We offer customized solutions for prototypes, small, medium, and large series.



Integrated Solutions and Lasting Partnership

From technical consulting and 3D modeling, to execution and delivery, we simplify the entire process. We are committed to long-term relationships, based on trust and innovation.

Optim Hub is our commitment to excellence, innovation, and a solid partnership, transforming your vision into reality.



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Optim Partner – Optim Solutions!

