

Precision. Cleanliness. Process reliability.

YOUR SYSTEM PARTNER FOR HIGH-END SEMICONDUCTOR MANUFACTURING

From lithography machine components to vacuum components, we produce complex precision parts with consistent series quality, even in highly varied production with very small batch sizes.

Why we are the right partner for you:

- **PRECISION WITHOUT COMPROMISE**
Even the most demanding components with the tightest tolerances in the single-digit micro range can be processed reliably with our manufacturing solutions.
- **MAXIMUM PROCESS RELIABILITY**
From individual machines to optimized production solutions: Thanks to our many years of automotive experience in process reliability, you will become an indispensable and valuable partner within the supply chain.
- **SCALABILITY FOR VOLATILE MARKETS**
Our universally applicable machining centers and automation solutions, as well as flexible overall concepts, enable rapid adaptation to market fluctuations, regardless of whether demand is rising or falling.
- **HOLISTIC PRODUCTION SOLUTIONS**
Machines, automation, processes, and digitalization from a single source with end-to-end process optimization enable a holistic approach.

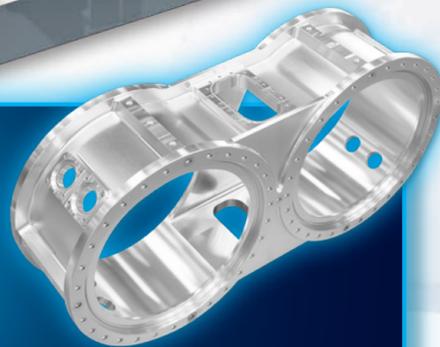


Leverage GROB's engineering expertise for your semiconductor projects!



From the initial idea to final integration, we are by your side.

Send your inquiry now!



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SEMICONDUCTOR

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GROB-WERKE GmbH & Co. KG

Pioneers in designing and building highly innovative production and automation systems for 100 years.

#MachiningTechnology #UniversalMachiningCenters #AssemblyPlants #Electromobility #Automation #AdditiveManufacturing #Digitalization #NewAndQualityCheckedUsedMachines #Service



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Excellence in sustainable technology



Maximize your profitability.
Minimize your risk.

PRECISION MANUFACTURING FOR THE MOST DEMANDING REQUIREMENTS IN THE SEMICONDUCTOR INDUSTRY

GROB supports you from the prototype phase to scalable series production of sophisticated semiconductor components. With our decades of experience, we enable micrometer precision, cleanroom-compatible processes, and scalable manufacturing for volatile markets.

5-axis universal machining centers – built for high-end manufacturing

Our machine designs offer maximum stability and process reliability for the highest levels of precision. To reduce the risk of contamination, we offer additional options such as stainless steel versions for the most stringent cleanliness requirements.

Automation – productivity around the clock

We offer the right automation solutions for everything from batch size 1 to series production. The integration of accompanying process steps such as measuring or cleaning directly into our robot cells guarantees maximum productivity with minimum risk.

Digitalization – full control over your production

Full production control thanks to intelligent job and process management as well as seamless traceability: GROB offers real-time transparency – not only for our own machines, but also for third-party machines.

Consulting & support – partnership from the very beginning

From the initial feasibility study to the final automation: we develop customized solutions for your component processing. Through cooperation with specialized partners, we also offer integrated cleaning concepts that can be scaled quickly and efficiently at any time as needed.

Application – process expertise in detail

We offer the development of efficient machining strategies with a holistic view of workpiece sizes, materials, and accuracy requirements.

Components & Materials – Technological Expertise

Whether optical assemblies, process chambers, or frames – thanks to our in-depth technical expertise, we manufacture high-precision components of the highest standard. We increase your productivity through innovative technologies such as speed forming and friction welding.

The foundation for purity is laid with the very first chip

PLAN A COMPREHENSIVE CONCEPT WITH US AND OUR PARTNERS!

Our high-precision machining is complemented by **perfectly coordinated cleaning and quality assurance processes**. Together with our partners, we implement **scalable solutions for pre-cleaning and final cleaning**. This enables you to become a Tier 1 supplier for equipment OEMs.



CLEAN, HIGH-PRECISION MACHINING WITH GROB

- Optional stainless steel package for the highest purity requirements
- Automation solutions for high-mix/low-volume production
- Optional integration of measuring, rinsing, and cleaning into the process
- Non-critical and tested cooling lubricants (HIO)*
- Continuous monitoring of cooling lubricant quality*

*In cooperation with various cooling lubricant manufacturer