



Kaiser Aluminium-Umformtechnik Company profile

High End - Medium Series – All Alloys

ABOUT US

Kaiser Aluminium- Umformtechnik

Kaiser Aluminium-Umformtechnik GmbH boasts over 40 years of experience as a leading forging industry specialist in Germany.

We understand ourselves as key partner for our clients who offers a strong value-add based on high manufacturing depth and focus on engineering and consulting competencies.

Since decades we are a trusted partner of leading manufactures in the automotive, aerospace, medical and defense sectors.



Our Vision

Our vision is to become a globally leading manufacturer of complex small and medium series for aluminum forged products, offering an unlimited range of alloys, and possessing the most agile team in the market.



Our Mission

We make products lighter, safer and more robust to meet high technical and aesthetic standards. In doing so, we also prioritize environmental conservation and significantly reduce CO2 emissions.



WHERE WE COME FROM

Our history and DNA

Kaiser Aluminium-Umformtechnik is located in the heart of Germany in the Black Forest, home of many other hidden champions. We are proud of the rich engineering and precision mechanics heritage in our region.

With three plants operating in Seedorf and Fluorn-Winzeln our highly trained staff of ca. 150 employees work for the continuous success of our global clients. For us, this naturally also includes:

- Integrated CAD/CAM/CNC processes
- Continuous improvement processes
- Ongoing training activities
- Certification according to DIN EN ISO 9001:2015 and 14001:2015.

BASED IN THE HEART OF EUROPE

From the Black Forest to the world

Kaiser Aluminium-Umformtechnik has developed strong relationships with established manufacturers worldwide. Building on our strengths, experience and highly qualified team we support clients from a board range of industries:

- Medical Technology
- Two-Wheelers / Commercial Vehicles
- Aerospace
- Device Technology
- Sun Protection
- Defense Technology



DE

Seedorf (Germany)

- ✓ 3 production sites
- ✓ 7 drop forging presses
- ✓ Over 20 machining centers
- ✓ CAD and CAM simulations
- ✓ Capacity of over 1 million parts per year
- ✓ Location advantages due to highly trained work force and high-quality suppliers

WHAT WE DO

Our Competencies

To be the partner of choice we offer key competences along the whole value chain of aluminium forging and processing, which is also reflected in our production facilities of over 6.000 sqm for a state-of-the art forging plant and over 5.000 sqm for a best in class machining centres .



Consultancy and Development

Consultancy and development to optimize our clients' products for forging requirements



Tool and Part Design

Production of tools to ensure quality and short lead and reaction times



Aluminum Forging

Producing complex forged parts for small to medium-sized series



Mechanical processing / Machining

Processing of workpieces to implement the requirements of our clients



Finishing

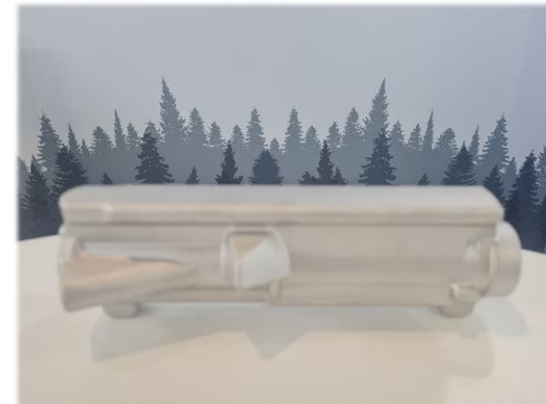
Surface treatments in the form of pickling and blasting in-house to ensure best results while other surfaces are realized with external partners



Assembly of components

Assembly of ready-to-install components according to your specifications

Forging



Machining

- New 5 Axis Machining Equipment with focus on Defence parts
- Advantages
 - High Level Production
 - Higher Output
 - Process Stability
 - Increased Level of Quality
- Alternatively utilizing 4 axis machines also possible creating redundancy



Surface Finishing (internal and external)

- Internal
 - Blasting with aluminium
 - Blasting with stainless steel
- External
 - Anodizing
 - Hard Coating
 - Powder Coating
 - E-Coating



Core Processes

Our Quality

We ensure optimal lighting conditions and utilization of testing equipment. We are standing for open communication and offer you direct contact persons. Due to our high business portion of automotive business, we work according to VDA and base our processes on IATF



Qualified Personnel

Maintaining and continuous improvement of the company processes



Quality assurance

Processes close to the production process itself



Open communication

Continuous Informationflow between all involved parties: Production, Quality and Administration



Processes

Crack Detection, Visual Inspection, Claim Management, Process Control, Tensile Tests, Hardness Test



Claim Management

We offer a dedicated contact person for the claim management process which takes responsibility for internal communication and processing.



Error Catalogue for every part

With this tool we ensure a continuous improvement process to secure a high quality standard



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