

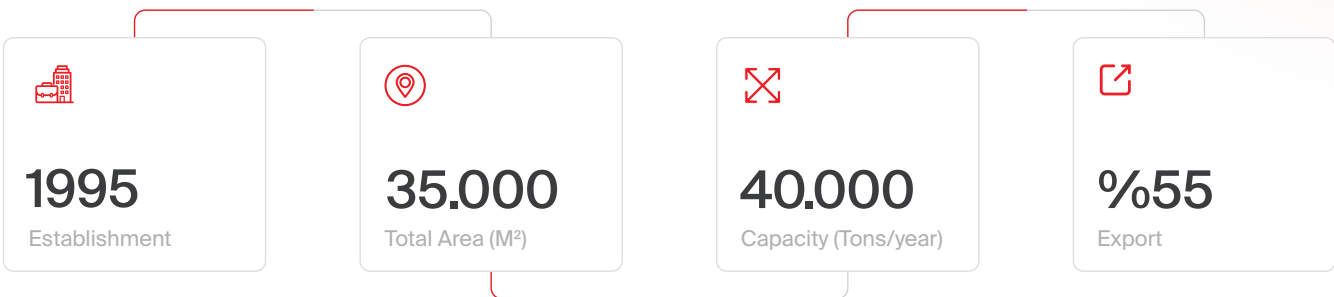


Working for your success...



Innovative support for your needs...

MSK FORGE has been operating successfully in the forging industry for **more than 50 years**. The experience gained during this period, our constantly improving quality and our investment approach that follows the latest technology have brought our company to a strong position in the **European automotive industry**. Our company mainly supplies forged parts at the finished and semi-finished product level to the automotive, machinery and railway industries.





At **MSK FORGE**, all molds and fixtures used in production are manufactured and revised in-house using **5-Axis CNC machining centers and CAD/CAM systems**. Thanks to its **engineering and R&D department**, MSK FORGE also provides design services to its customers during the creation process of the produced parts.





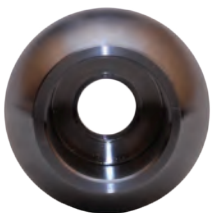
MSK FORGE uses carbon, heat-treatable, case-hardening, stainless and micro-alloy steels according to the requirements of its customers. All raw material is sourced from **reliable suppliers who are certified as suitable to world standards.**





MSK FORGE combines its experience with technology and is able to produce parts of various sizes and types **from 0.2 kg to 30 kg** in its forging workshop **using automated mechanical presses and hammer presses.**





In addition, **MSK FORGE** has the capability to perform machining with advanced CNC machines installed in its own facility to supply **forged and machined parts** according to demands and to expand its product range.



MSK FORGE has its heat treatment unit in-house. **Quenching and tempering, Normalizing, Annealing, and Gas Nitriding** processes are done according to **CQI-9 standard**. All process parameters are continuously monitored and recorded by the computer system.



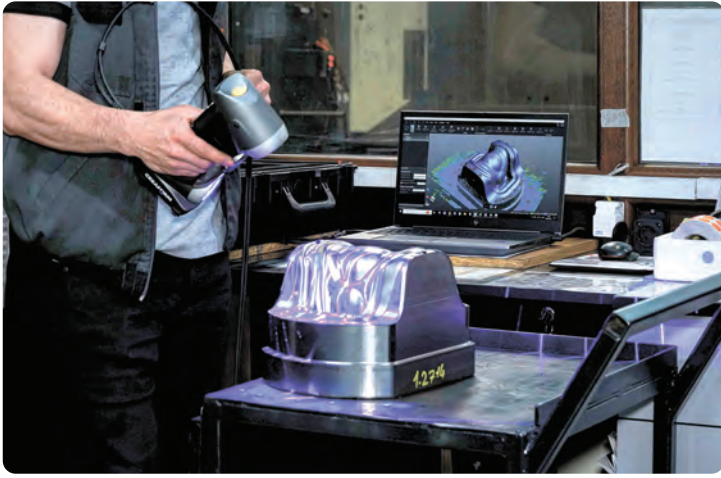
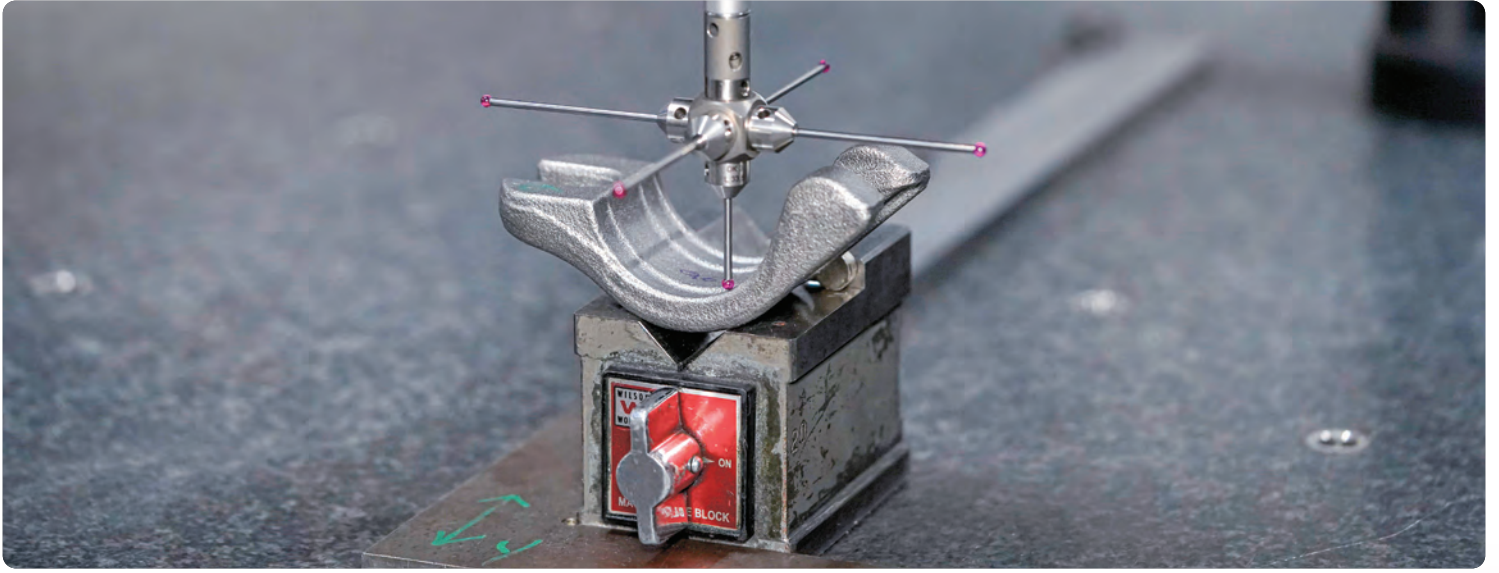
Aluminum forging combines the lightness and durability of aluminum and has found wide use in various industries.

Aluminum is naturally lightweight, which increases durability through the forging process. This feature makes it especially preferred in the aviation, automotive and space industries. Aluminum forgings are used in aircraft fuselages, engine parts and vehicle chassis with their combination of high strength and low weight. This improves reliability and performance while improving fuel efficiency.

The aluminum forging process enables the alloys to gain the desired properties. During this process, the crystal structure of aluminum is rearranged and a more homogeneous structure is obtained, which increases the strength of the parts. Additionally, with aluminum forging, the shape and size of parts can be precisely controlled, allowing complex geometries to be achieved. Aluminum forging is an attractive option not only for industrial use but also from a design perspective.

Imagine Hybrid Forging!

An innovation was needed with lightness of aluminum and strength of steel, especially in the automobile industry. By combining steel and aluminum, we have made a promising development in the production of functional parts. We have created an innovative product by combining steel and aluminum using hybrid forging technology. We aim to make many components much lighter using this hybrid forging technology. The mechanical properties of these produced parts will be adapted according to the requirements of the sector, meeting the needs and shedding light on the future...



As **MSK FORGE**, the importance we attach to our quality management systems is a reflection of the respect we have for our customers and our business. Our company has **ISO 9001** and **IATF 16949**, certificated by **BUREAU VERITAS**. Our system meets all the requirements of the automotive industry according to **IATF 16949**. We have control steps starting raw material income to delivery. Our company has all the necessary types of equipment for Quality Control. The metallographic tests are done in our internal laboratory and crack control activities are done in-house. We have successfully passed the **TISAX assessment**, proving the company meets the particularly high information security requirements of the automotive industry and the Company got the **TISAX label**. MSK has the **ISO 50001 Energy Management System** certificate as the first step in its sustainability activities.





ENVIRONMENTAL PRODUCTION

To leave a livable world for future generations, **MSK FORGE**, continuously develops itself to protect the environment and ecological balance at every stage of its production **according to ISO 14001**.

It is the **basic quality policy to provide and respond to changing world conditions** with advanced production technologies.

Our environmental policy;

- To fulfill the necessity of environmental laws,
- We prefer to use all kinds of products, semi-finished products and raw materials with the possibility of recycling,
- Using natural resources in the most efficient way by reducing the amount of waste and energy consumption in line with the Environmental Aims and Objectives determined each year,
- To raise awareness of all our employees about environment,
- To take measures related to situations that may be threatened environment,
- To improve the environmental conditions in the working environment and to carry out activities to continuously improve the Environmental Management System.



As **MSK FORGE**, our belief in renewable energy sources and our commitment to the environment, we invest in solar energy within the scope of sustainability. Our company aims to reduce its **carbon footprint** by meeting all its energy needs from its **own solar power plants**. By using state-of-the-art equipment and software in solar energy production, we constantly monitor and optimize system performance. Thanks to this technology, we keep energy production at the **highest level** and increase **operational efficiency**.

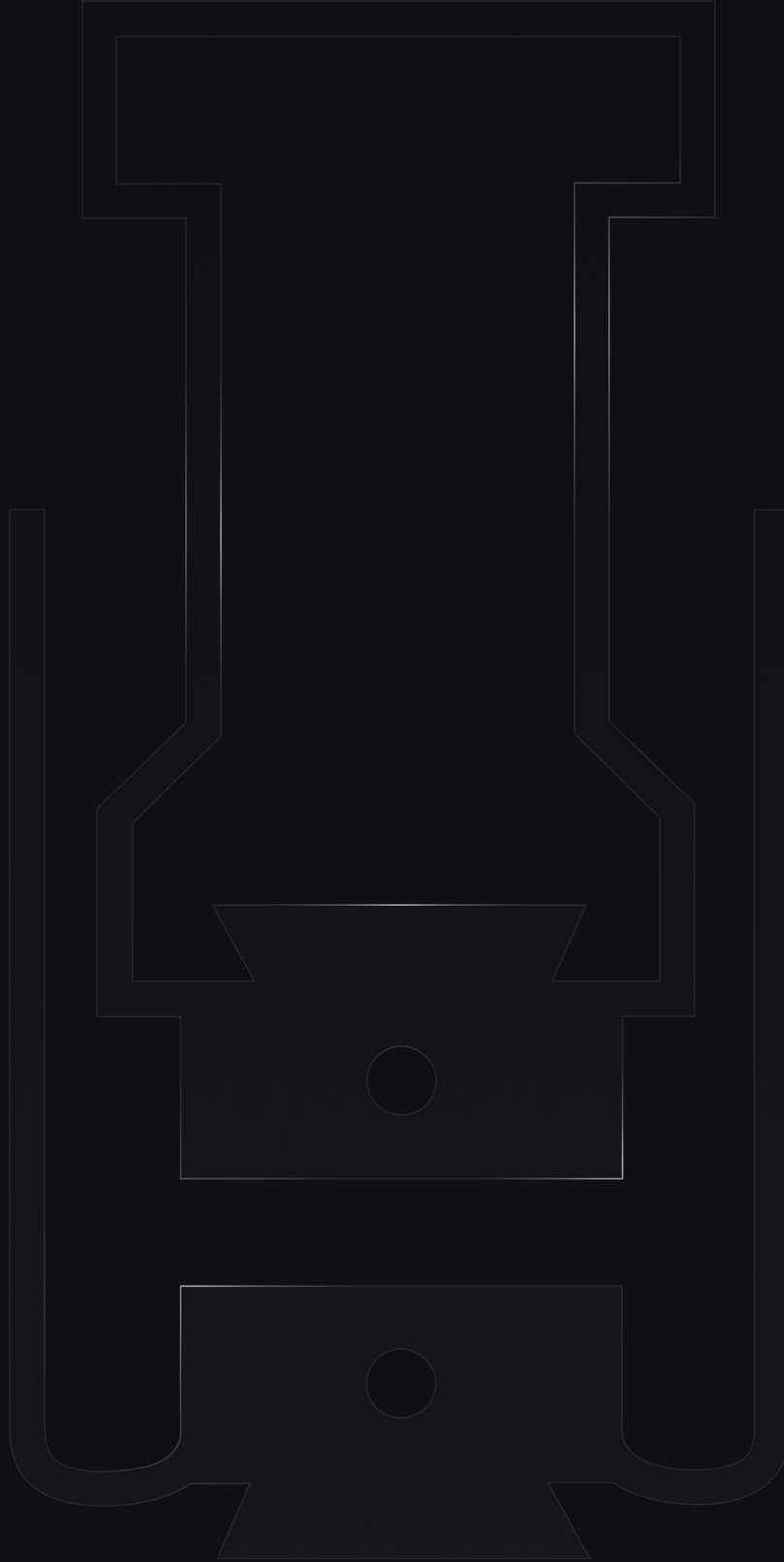


Environmental sustainability is one of the core values of our company. By using solar energy, it significantly reduces carbon emissions. And we are taking a big step towards protecting nature. In addition, we aim to increase environmental awareness with our investments in renewable energy resources and we aim to be an example for a more livable world.











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