

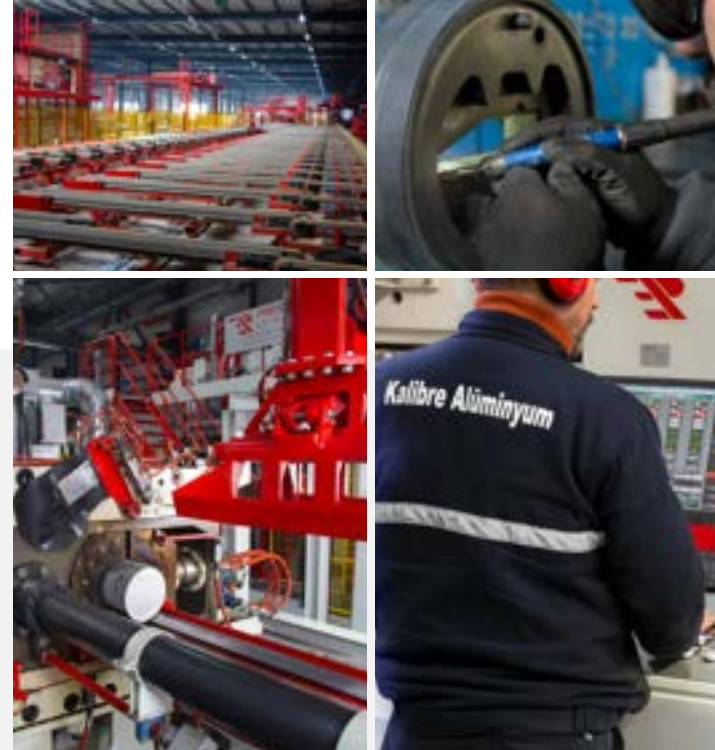
SOLUTIONS WE PROVIDE

Extrusion

Our extrusion facility is comprised of 2 state of art extrusion lines capable of 7' and 8' extrusion and with 1800 and 2700 ton press capacity.

With a high demand customer portfolio mainly from automotive sector, we mainly use highest quality billets with a production capacity of 1500 tons/month. The lines are capable of producing different kinds of alloys and 6xxx and 7xxx series billets. Our world-class expertise and lean manufacturing techniques built in years of production experience with an operational excellence model, we can provide a wide range of custom and standard extrusion tolerances.

Our facility also consists a cutting-edge heat treatment line. With its perfect design, the line produces an ideal cooling ratio, which is critical in special profile characteristics. We achieve exact requirements for mechanical properties needed for each part.



Further Processing (Bending, Welding, End Forming, Assembly)

Standing on the shoulders of our 40 years of experience in further processes of precision parts, we transfer our know-how to aluminum processing.

We have bending, welding, hydraulic and pneumatic presses, end forming machines, and assembly line with design and capability of production in line with our customers' requirements. With these added value processes, we are able to offer ready-to-install assemblies from a one stop shop.

We are ready to be a remarkable and trustable partner for our customers through the lifecycle of their projects from prototype to serial phase.

Machining Centers

Knowing advantages of under one roof production, we serve further processes of CNC machining services to our customers.

To be competitive in business, we, continuously analyze and improve our multi-pallet vertical and horizontal CNC machining capabilities which in turn results in highly accurate, consistent components.

Investments in new equipment, along with high skilled employees ensures us to be a strong machining partner that keeps pace with industry demands.



Kalibre Alüminyum

LIGHTNESS AND MUCH MORE

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Kalibre Holding

PRECISION

The history has begun in 1978 with production of steel tubes. Since then production is in our DNA.

Day by day, project by project; we learnt with our customers and improved every aspect of production, perfecting our processes. Seeing the bright future of aluminum, we invested in our first extrusion line in 2017 and completed investment of state of art new extrusion line in 2019. Taking advantage of Kalibre Holding's extensive know how and network, we serve as a solution partner in aluminum extrusion. Our core strength is precision. With more than 40 years of experience, we are specialized in development and production of high value added products. Serving mainly to automotive sector, excellence, high quality and continuous improvement is in our DNA.



FUTURE IS ON TRACK Aluminum is Future

Change is inevitable and continuous. Plus, change is happening within even shorter periods of time than before. The industrial change is one of the challenges of the 21st century.

Kalibre Alüminyum is born from the idea that Kalibre Holding has to be ready to this disruptive change. We believe aluminum will be the material of this century with its extensive advantages serving to planet such as light weight, corrosion resistance, electrical & thermal conductivity, ductility, reflectivity and recyclability.

SOLUTION PROVIDER

Extensive experience and know-how in steel business with a focus on automotive sector creates high value to our customers. We analyze, research, find and present our cost effective solutions to our customers which adds to their competitiveness.

We stand as a competent solution provider in aluminum extrusion through top technological performance and all-encompassing experience.

We combine this extensive experience with state of art production lines for processing aluminum, whether extrusion, punching, milling, bending, sawing, machining, welding and heat treatment.

Quality and customer satisfaction are responsibility of all of our employees. We target customer satisfaction through efficient business and manufacturing processes, managed and executed by competent staff with zero defects mind-set.

To serve our customers with high expectations, we have established a sophisticated laboratory in the facility. Dimensional verification tests, mechanical tests, chemical composition tests and other non-destructive tests can be performed. Our quality management system ensures compliance with DIN ISO 9001 and IATF 16949 standards and regulations.



SECTORS

Automotive

The industrial change is one of the main challenges of the 21st century linked to globalization, digital change, and energy evolution. Automotive or transportation in general as one of the main drivers of industrial production will be the utmost affected sector.

Thinking of the megatrends in automotive sector such as; electrification and weight reduction, aluminum comes up as a perfect solution for this drastic change.



Our state of art extrusion production lines (7' and 8') and an increasing number of 3 to 5 axis machining centers, enables us as a trusted and qualified partner in the sector.

Thanks to our machine park with cutting edge technology and extensive experience in production technologies, we can produce a variety of complex geometries. Plus, we offer our customers a comprehensive service with a wide range of facilities like sawing, milling, punching, bending under one roof. In order to offer ready-to-install parts, we also perform welding and coating processes with our strategic partners.



Aerospace

It is apparent that requirement for weight reduction effect is significantly higher in aerospace sector. That's why aluminum is the fundamental material in the aviation industry.

Aluminum accounts for more than 60% of the structural weight of the Airbus A380. With its valuable properties, aluminum has become ideal for lowering the costs of aircraft manufacturing while upholding stringent specifications required in the industry.

We are ready to achieve stringent specifications with our state of art machine park and extensive experience and know-how.

Today, mainly focusing on interior components like seat backs, seat legs, beams & pans, seat baggage bars plus baggage bin structures, we are ready to build more on fuselage structures.



Bicycles & Motorcycles

Aluminum is an exceptional material option for manufacturers with a requirement of a lightweight and durable metal.

The frame is the core structure of the bicycle & motorcycle and this is perhaps the most common area that aluminum is used in the modern bicycle industry.

With our extensive know-how in automotive OEM parts manufacturing, we are also serving our customers in this sector.

Solar Energy

With the planet striving to meet the carbon emission targets, renewable energy sources are becoming more crucial day by day.

Among all sources, the sun is the most abundant and most renewable source that provides energy that the planet searching for. Aluminum with its lightweight, high strength, proper corrosion properties, high surface reflectivity, excellent electrical and thermal conductivity properties is highly applicable in this area and we are ready to take the next step for our planet with you as your solution partner.

