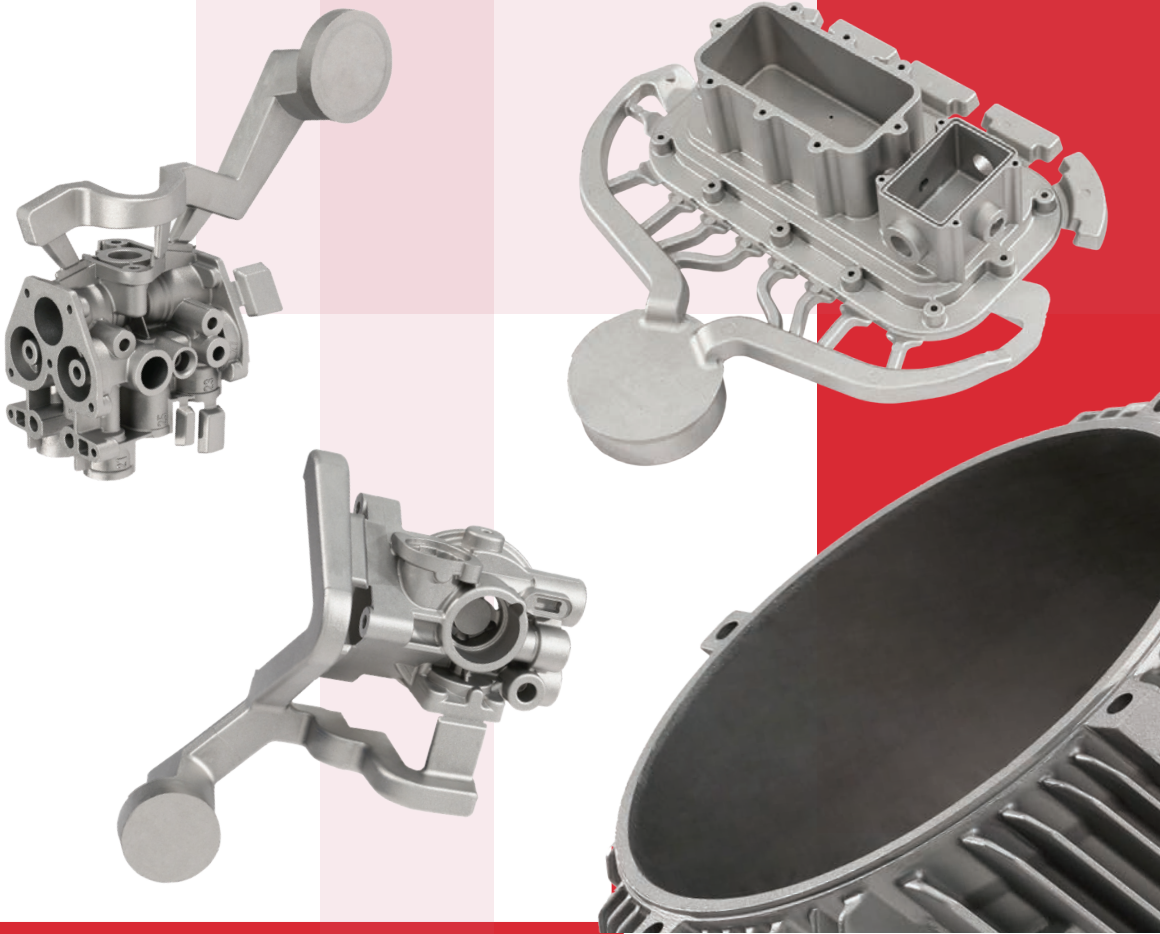




Beyza Metal

since 1978



YOUR RELIABLE HPDC & **SOLUTION PARTNER**

Power Hidden in Details: Innovative Solutions with
High Quality Aluminum Injection and Mold Design Services!

www.beyzametals.com



SUSTAINABILITY & QUALITY WITH ON TIME SERVICE

The Name of Quality and Durability in
High Pressure Die Casting and Aluminum Injection!

Meet our expert team that combines
the power of metal with perfect shapes!
Beyza Metal is a prominent solution provider
in the sector with its expertise and experience
in die casting, metal mold manufacturing
and machining.



OUR COMPANY HISTORY

Our company was established in 1978 by Mr. Cengiz Kaya in Bostancı, Istanbul. Beyza Metal had started with gravity casting in a small atelier shop and after a short while in 1980 was made investment of first high pressure die casting machine due to fulfill the requirements of customer and market demands especially from white goods industry.

In the early 80's Beyza Metal has continued to improve, moved to the next facility in Zeytinburnu, Istanbul and in 1990 established its own mold & toolshop.

Due to evaluation of new projects and increasing market demands we have moved to our İkitelli OSB facility where we have started production of different products from lighting, furniture, white goods and automotive aftermarket sectors in 1996. During the early 2000's we have started investment of higher tonnage capacity hot and cold chamber high pressure die casting machines.

In 2010, we have also established our ISO 9001:2008 Quality Management System and laboratory by receiving our certificate in order to meet our customer's requirements .

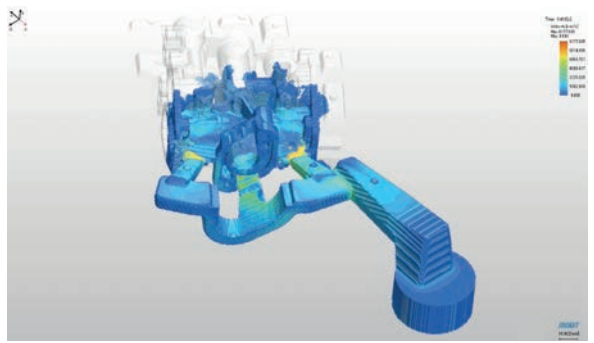
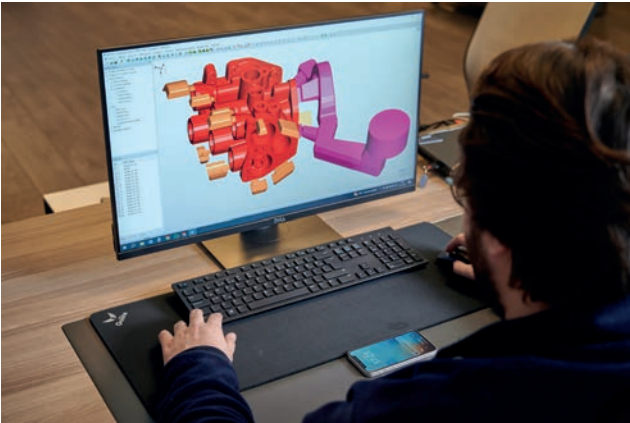
And in 2020, we have started construction of our Velimeşe facility in Tekirdag which is established on 5.000 m2 .

Our company policy is producing the best quality product at the most competitive price possible while providing reliable service to our customers at the right place at the right schedule.

Beyza Metal

Design & Engineering

Combining the form and function of metal, **Beyza Metal** is a leading company that offers first-class solutions in metal mold design and manufacturing. With our creative design approach and production capacity that exceeds industry standards, we offer our customers excellent quality metal molds.



Metal mold design allows a metal part or product to be produced repeatedly in the desired form and dimensions. This ensures consistency and efficiency in mass production.

Precise and Detailed Production: Metal mold design allows the production of complex geometric and detailed parts. Mold details enable precise and detailed production by transferring these details to the part by injecting the metal into the mold.

We've integrated **JSCast Simulation Software** into our design process for our runners. This advanced tool allows us to achieve unparalleled precision and efficiency in our designs.

Beyza Metal Melting

Beyza Metal brings the age-old craft of aluminum melting into the modern era, blending tradition with innovation. With years of expertise and state-of-the-art facilities, we stand as a beacon of excellence in the realm of metalwork.

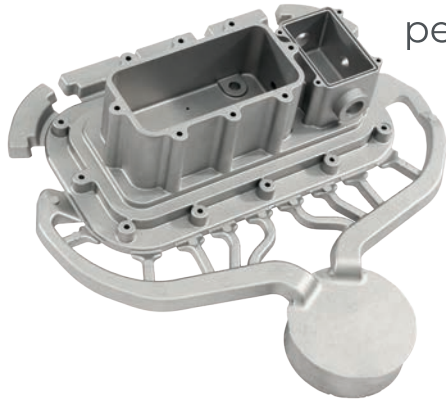


We prioritize energy efficiency while obtaining a total of 1300 kg of liquid aluminum per hour with our main melting furnaces with shaft type and promeos burner system in our melting department. The liquid metal melted in our furnaces is cleaned with an automatic degassing machine and made ready to produce porosity-free parts.

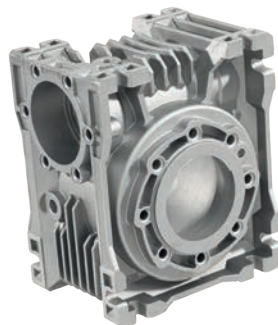
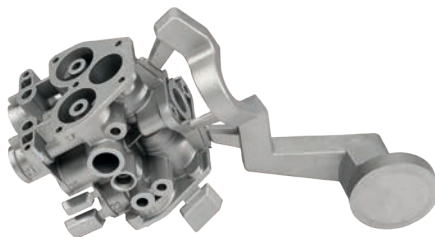
Beyza Metal

Die Casting

By combining aesthetics, durability and excellent performance in every project, we produce unique pieces bearing the signature of **Beyza Metal**.

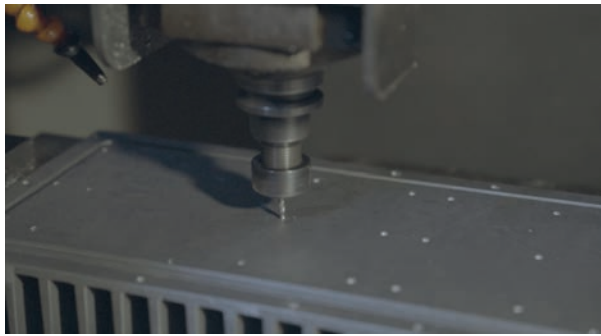


We supply our customers with **10 units** of die casting machines locking force from **160 tones to 1000 tones** in the new 4200 square meter factory, which was built in 2023. **Beyza Metal** is able to produce aluminium die casting parts from **0,2 kg to 10 kg**.



Beyza Metal **Machining**

By combining modern technology with the experience and dedication of our expert staff, **Beyza Metal** offers our customers mass production solutions with the highest level of precision and quality.



Beyza Metal is able to produce machined and ready-to-install parts with the CNC Tapping Centers and the CNC Lathes in its machining park.

Precision in every piece, innovation at every turn!

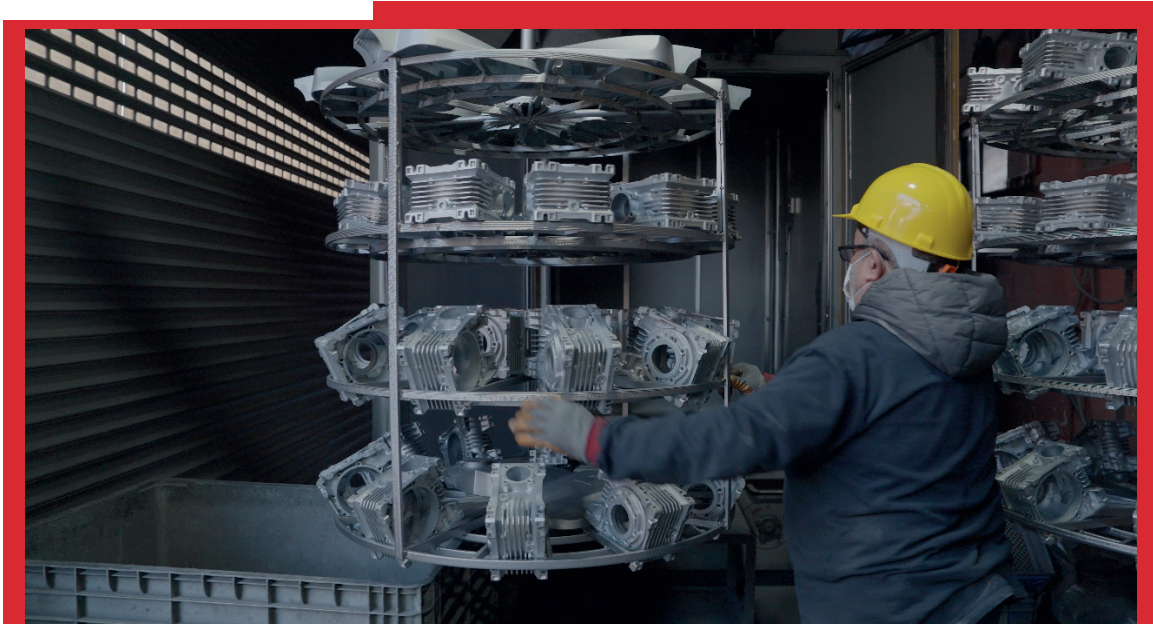
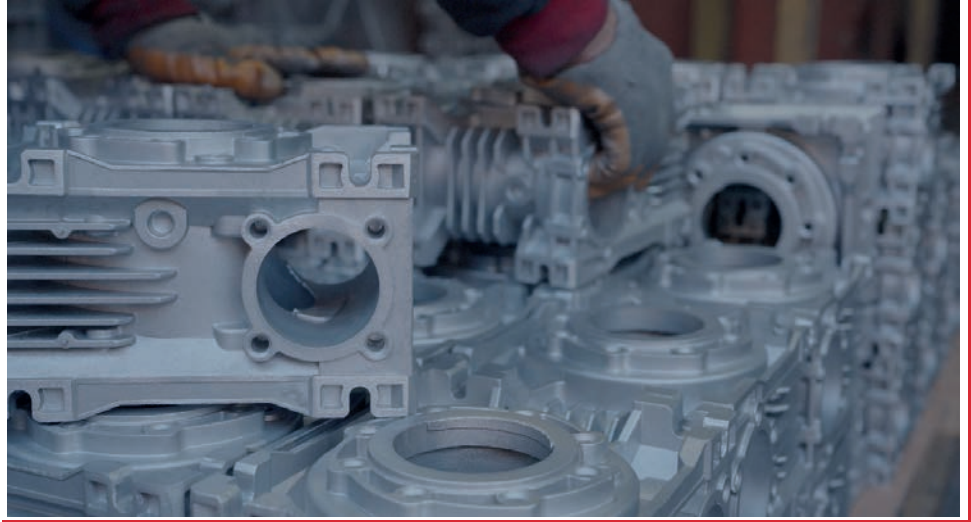
Our CNC machining services redefine excellence.

From intricate designs to sustainable practices, we're shaping the future of manufacturing, one detail at a time.

Beyza Metal

Surface Treatment

Beyza Metal carries out shotblasting, vibration, surface coating and painting processes with the machines in its facility in order to clean the surfaces of all the parts it produces with high-level casting quality from the chemicals and burrs during casting and to make them ready for processing and assembly. All products produced and ready for assembly at Beyza Metal are cleaned with a pressure washing machine before final control and packaging.



Beyza Metal

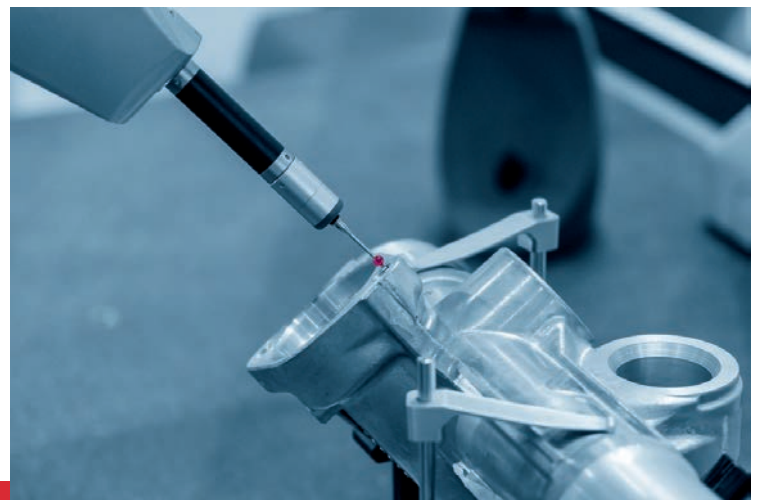
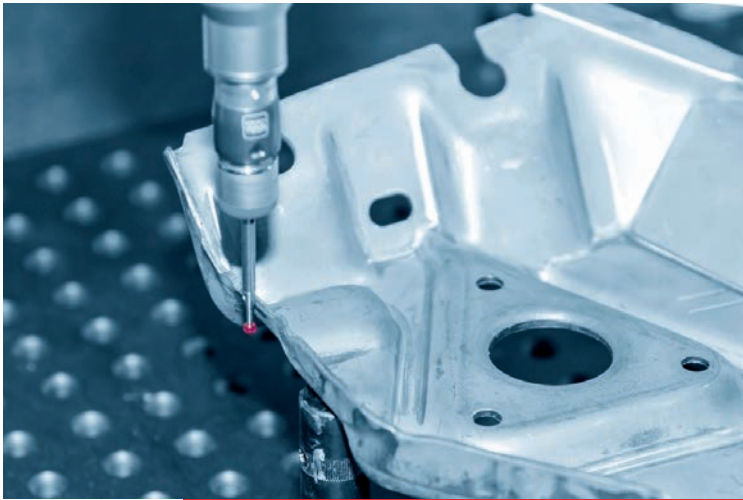
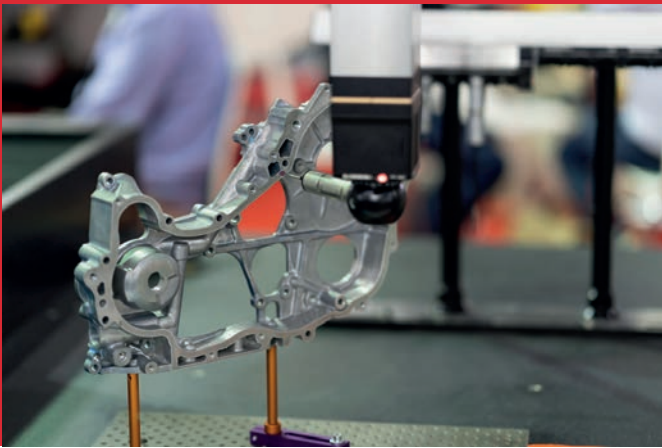
Quality Control

Quality is our top priority in aluminum die casting! We meticulously monitor every step, from selecting the finest alloys to employing cutting-edge inspection technologies. Our commitment ensures that each part not only meets but exceeds industry standards. Having ISO 9001:2015 quality certificate, our company performs chemical analysis with its spectrometer device; and also able to make gas leakage test, surface roughness, hardness and all kind of geometrical measurements with the devices in its laboratory.

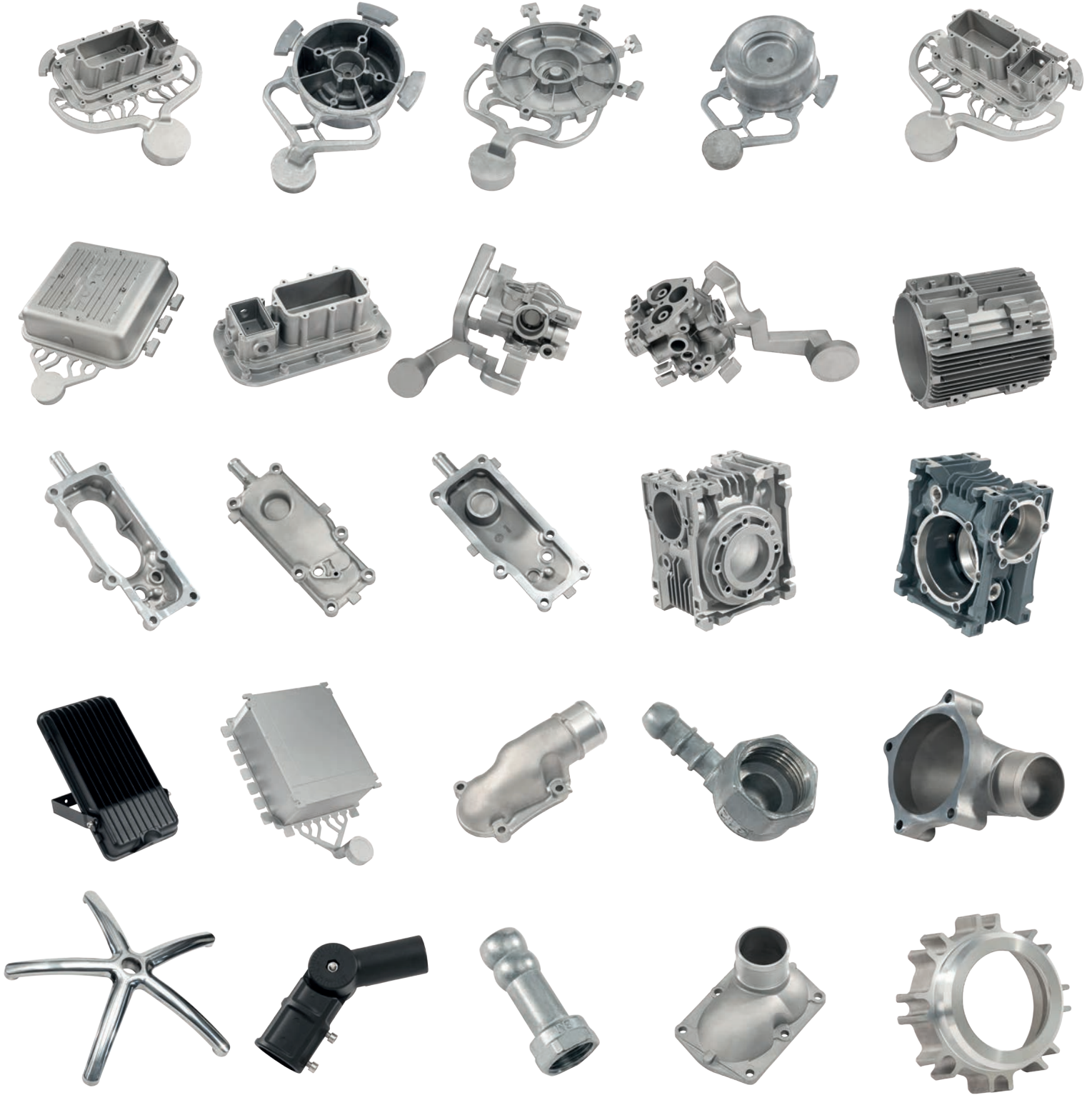


Sustainable & Effective Development

Beyza Metal has always set its vision to provide more efficient, higher quality and sustainable service to its customers. In line with this goal, it shapes its short-term investment plans by acquiring CMM devices, CT (tomography) devices and 5 Axis processing machines. Our goal is to lead the sector as a constantly developing, strengthening and environmentally friendly company.



Products



Beyza Metal

www.beyzametel.com



**WE ARE LOOKING
FORWARD TO WELCOME
YOU IN OUR FACILITY!**

CONTACT US !

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