

INDUSTRY





**Sergio
Ferronato**



**Mirko
Ferronato**

About us and our history

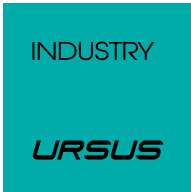
Ursus S.p.A. is an Italian company specialized in the production, processing and marketing of aluminium alloy and steel parts made to customer specifications.

Ursus was born in 1967 thanks to the forward-looking intuition of Sergio Ferronato for the first quick-release seatpost clamp.

An innovation in the field of cycling, and the first instrumental step forward for a company that, over the years, has seen incredible growth, embracing, towards at the end of the 80s, also the automotive, household appliance and hydraulics sectors.

The company gradually became a leader in the cold metal extrusion sector, in the processing of tubular parts, and in the forming of sheet metal components.

The challenge was then taken up Sergio's son Mirko, who made Ursus a company capable of uniting past and present, experience and innovation.



MADE IN ITALY Since 1967

1966
1967
1978
1986
1988
1990
1998
2002
2004
2013
2018
2020

FIRST PATENT

Ursus is driven by innovation. In 1967, the production of the quick release clamp became a new technology, and the two founders divided the tasks, with Sergio responsible for the commercial development of the company, and Domenico taking over the reins of the production department.

ESTABLISHMENT OF THE URSUS BRAND

The relationship of the founders was very close and based on professionalism and trust, the same values shared by all Ursus employees, who were able to create a great corporate synergy right from the very start. Furthermore, the introduction of various precision metalworking techniques quickly made Ursus stand out on the national scene.

NEW FACILITIES
3000 m²

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1st UPGRADE
+2000 m²

Construction of an area for cutting department.

EXPANDING INDUSTRIAL MARKET

The 80s, with its bright colours and eclectic fashion, saw the birth of the MTB. Ursus responded to the new trend by developing and patenting a new brake system for off-road bikes. With the new production plant, Ursus decided to expand into other production sectors. The new building was equipped with a complete shop-floor of machinery that allowed Ursus to successfully enter other industrial sectors.

NEW TRADEMARK REGISTERED

The company acquired the rights to and registered the new URSUS trademark. Already in the early 90s, Ursus began to export mechanical components for automotive, household appliance and hydraulics companies across Europe.

SHARING KNOW-HOW

Ursus' expertise in metalworking came from the first generation of professionals who chose to work directly with raw materials, and therefore to have a better understanding of how they can best be used. The ability to know the material you work with is the legacy that has been handed down to the new generation of URSUS employees.

URSUS BEGINS TO MAKE BIKE WHEELS

In 1998, Ursus S.p.A. became a joint-stock company, which, with the dawn of the new millennium, gave life to the ambitious Ursus project: THE WHEEL

2nd UPGRADE
+2.000 m²

Since 2004, Ursus, while being involved and committed to other sectors, began partnerships with professional cycling teams, supporting and promoting activities and competitions focused above all on young people. Strength, sacrifice and perseverance are the key values Ursus believes in, and its history is proof of the successes achieved through hard work, dedication, and motivation.

3rd UPGRADE
+1.000 m²

Construction of the connecting tunnel between Ursus 1 and the Shipping Warehouse..

4th UPGRADE
+ 3.000 m²

A new 3,000 m² facility, containing sales offices and an assembly area, was built according to a green outlook.

INDUSTRY 4.0

Ursus began to invest in new technologies and industrial automation, throwing itself into the world of Industry 4.0.

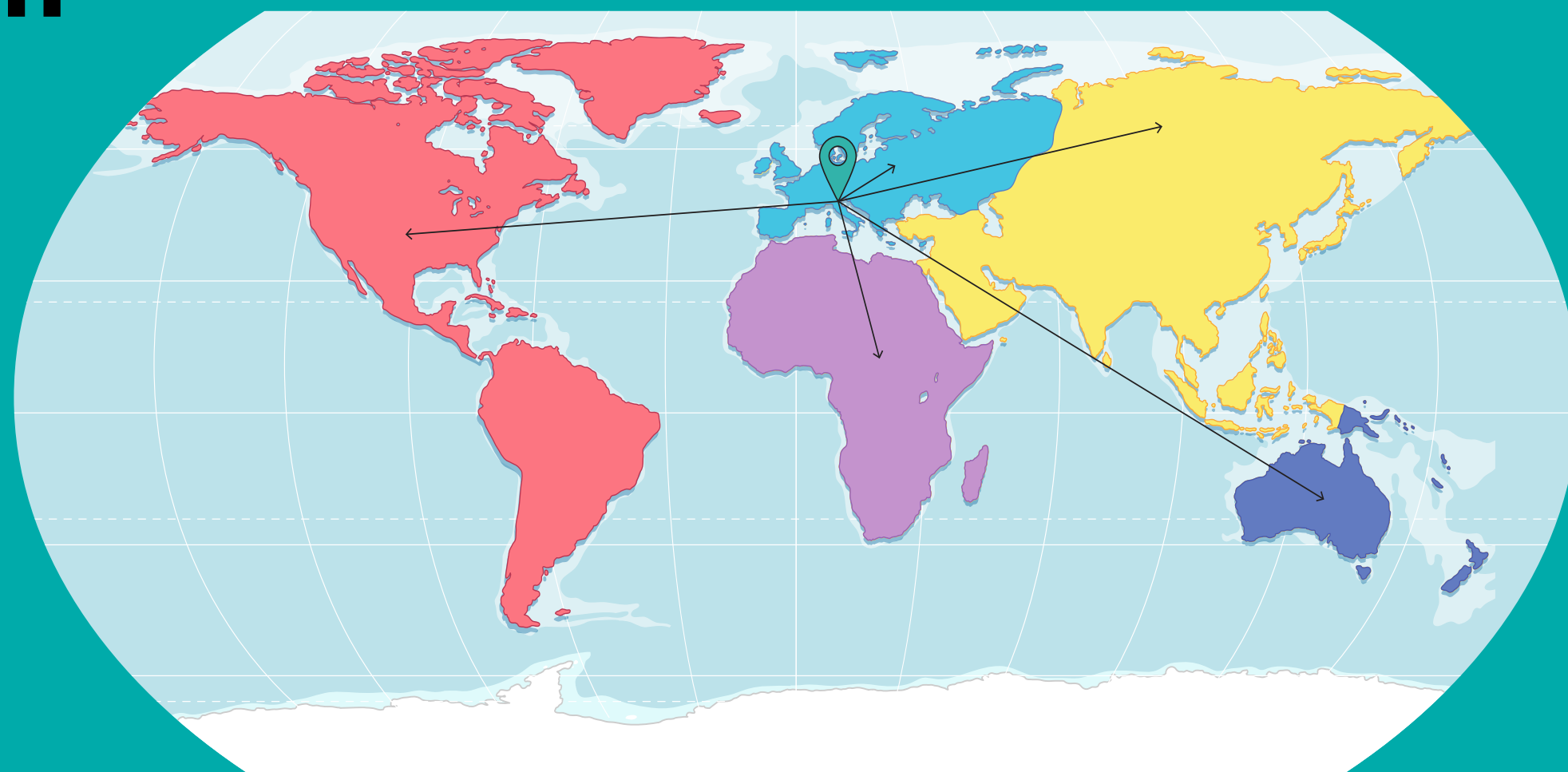


Made in Italy and innovation

Ursus S.p.A is an organization that has creativity and flexibility deeply rooted in its DNA, two characteristics that distinguish the tradition of Made in Italy.

To be an active part of progress, over the years, Ursus has continuously invested in its territory and in process innovation.

For this reason, the company has made its professionalism and competence keenly appreciated, and showcased across the world.



AUTOMOTIVE



INDUSTRIAL PROCESSES



COLD FORGING



THREADING



STAMPING



TUBE MACHINING



CUTTING



ASSEMBLY

URSUS
WORLDWIDE

Team

people, our greatest resource

Ursus is made up of people who, driven by passion, work together as a team every single day so that your needs are answered.

The strength of the group is our philosophy.

We firmly believe that only a close-knit, highly professional and qualified team, in which every single element works in synergy with the others, can make your projects come true.

**TEAM**

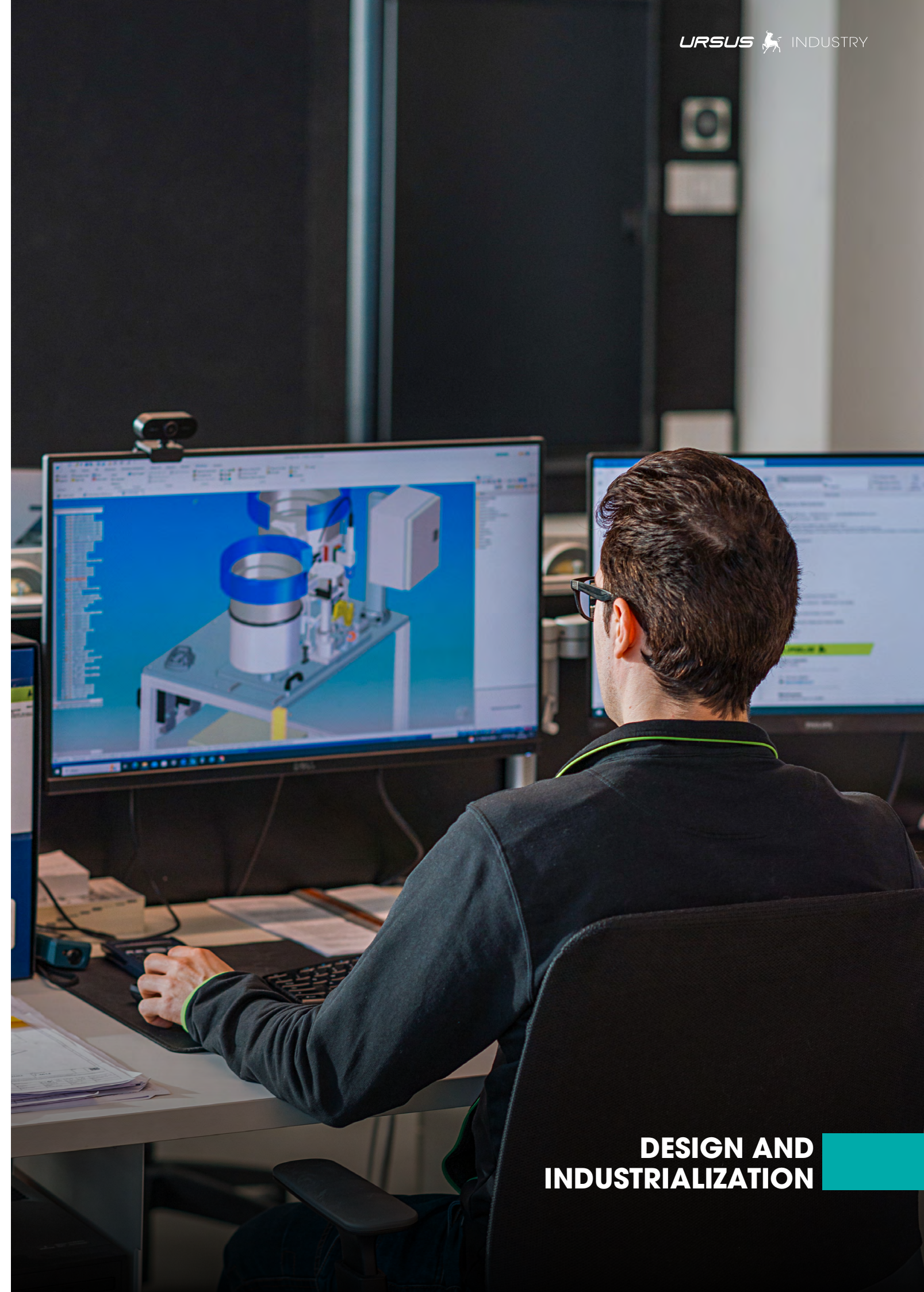
Design and Industrialization

how your project takes shape

Our R&D and technical department rely on know-how accumulated up over time, and on continuous investments in training, methodologies and technologies, so as to identify the most suitable production processes for the realization of your product.

We put at your disposal the most up-to-date solid modelling systems, including Solid Edge, which works with the Esprit CAD/CAM system.

We want to make your product perfect from the very start.



**DESIGN AND
INDUSTRIALIZATION**

Supply chain and Quality

raw materials procurement

A careful and precise accurate analysis of the supply chain is the first step towards product excellence and the management of the risks to which every organization is exposed due to market trends.

The reliability of suppliers is a fundamental condition for being able to guarantee contractual requirements agreed with our customers and to meet and exceed their expectations.

Every Partner who works with us is qualified according to precise assessment criteria in terms of competence, product quality, service and certifications.



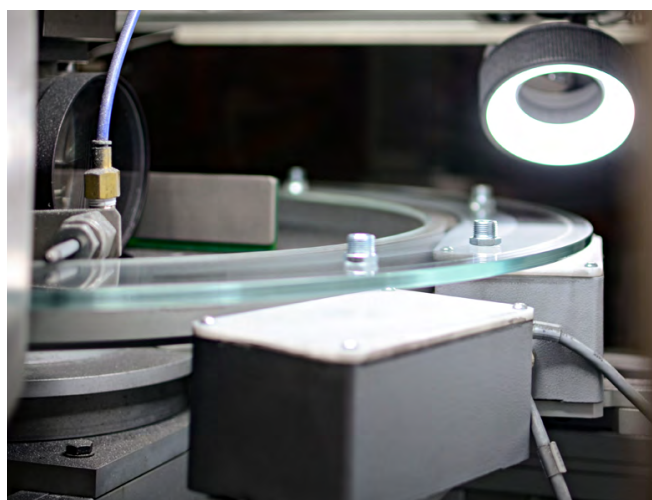


AUTOMOTIVE

In order to continue to guarantee a product and a process suitable for satisfying the increasingly stringent requirements of the automotive sector, in 2021, Ursus certified its Quality Management System to the IATF 16949 standard.

Not only that, for this reason it began to make use of qualified resources for the quality control of its processes according to the German VDA standard.

Skills in automotive core tools, such as APQP, D & P-FMEA, PPAP, MSA and SPC, are present across all processes.



Salt spray test chamber: tests are carried out to the UNI 9227 standard, and in compliance with the specific requirements of the customer.



INTERNAL PRODUCTION PROCESSES

(Cold forging) high productivity, and high quality

For high-volume industries, cold forging is an alternative to multi-spindle lathe work.

This technology is widely used in the automotive, household appliance and plumbing industries. Since the 80s, it has undergone continuous improvements, reaching new quality standards that translate into the ability to develop details that were once unthinkable.

Today, cold forging technology allows for high productivity as well as savings on raw materials, and is highly appreciated for its economic and qualitative advantages.

At Ursus, we are able to produce from 4,000 to 12,000 pieces per hour, with tolerances similar to those of lathe work ($\pm 0.05\text{mm.}$), and workpieces with diameters of up to 40 mm and lengths to 130 mm.

We work metals such as steel, stainless steel, and aluminium.

(Threading)

Parts which, having undergone the first processing phase, require further processing not achievable in the first phase, such as drilling, milling and threading, are sent to this department to be reworked.





(Stamping)

The stamping area is the space in which blanks are cut from steel, aluminium and stainless steel sheets.

The sheet metal stamping presses have a wide range of applications not only in the automotive industry, but also in the production of parts for household appliances.

At Ursus, we have vertical presses and hydraulic presses for deep pressing jobs, allowing the production of particularly complex parts.

Our equipment ranges from 80 to as much as 400 tons.



(Cutting)

In order to offer the customer a greater range of processes, Ursus makes use of a department made up of 8 automatic loading cutting machines, dedicated to cutting steel bars and aluminium extrusions.



(Tube machining)

The transfer machine technology was developed by Ursus in the 70s

Today, thanks to its commitment to the pursuit of innovation, the company is a leader in the tube machining sector.

In addition to highly specialized staff, we have transfer machines that can process welded aluminium and steel pipes and extruded pipes.

Processing capacities vary according to the types of products we produce in this sector, and range from, for example, spacers for cars and wheelchairs to parts for cars, motorcycles and bicycles.

(Assembly)

many processes, one component

The assembly of the components is a very delicate phase, where all the details of the previous processes come together with the aid of transfer, automatic and semi-automatic machines and welding equipment.

In order for components to have minimal defects, each piece must be as close as possible to perfection. For this reason, pieces are 100% checked, one by one, by means of precise quality control machines.

Each quality control is performed internally, or outsourced only to reliable partners who share our goal of continuous improvement.

Quality is the preserve of few, and Ursus is among those few.



Certifications

Ursus S.p.A. has always considered the reliability of its products essential for the company's commercial success, and, therefore, in order to guarantee customers a product that meets their expectations, it has decided to adopt, maintain and improve a Management System for Quality and the Environment in accordance with the standards ISO 9001, IATF 16949 and 14001.

UNI EN ISO 14001

The environment is a resource to be protected, and, for us, it comes before anything else. Ursus has always shown particular sensitivity and attention to environmental issues.

We believe that in order to prevent pollution, reducing the production of waste generally minimizes environmental risks, which is everyone's responsibility, first of all of companies.

The culture of respect for the environment is widespread throughout the company, and each and every operator is aware of their contribution to the implementation of the corporate environmental policy. Because the environment is everyone's responsibility.

UNI EN ISO 9001

In 2000, the company obtained UNI EN ISO 9001:2000 certification.

In this way, Ursus has been, over the years, able to increase the quality levels of its products and services, and increasingly satisfy the needs and expectations of its customers.

IATF 16949

In 2021, Ursus obtained IATF 16949 certification, a specific standard for the automotive sector, characterized by a competitive drive for constant technological innovation, by which component suppliers must make quality and continuous improvement the cornerstones of their corporate strategy.

Sustainability

Local suppliers

90% of our suppliers are located within a maximum range of 50 km from the company facilities.

Solar panel project

In 2019, Ursus invested in energy savings by installing 300 kWh of solar panels at its first site, and, in 2020, another 150 kWh of solar panels at its second site.

Raw materials

On average, the recycled materials for the production of our components use 90% of secondary die-cast aluminium, and 80% in the case of extruded aluminium.



INDUSTRY



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