

**THE TECHNOLOGY  
AND EXPERIENCE  
TO REALISE  
EVERYTHING YOU  
HAVE IN MIND**



YEARS  
**50** TOGETHER  
1970  
2020

COMPANY

**For over 50 years we have  
been at the core of Italian  
mechatronic excellence**

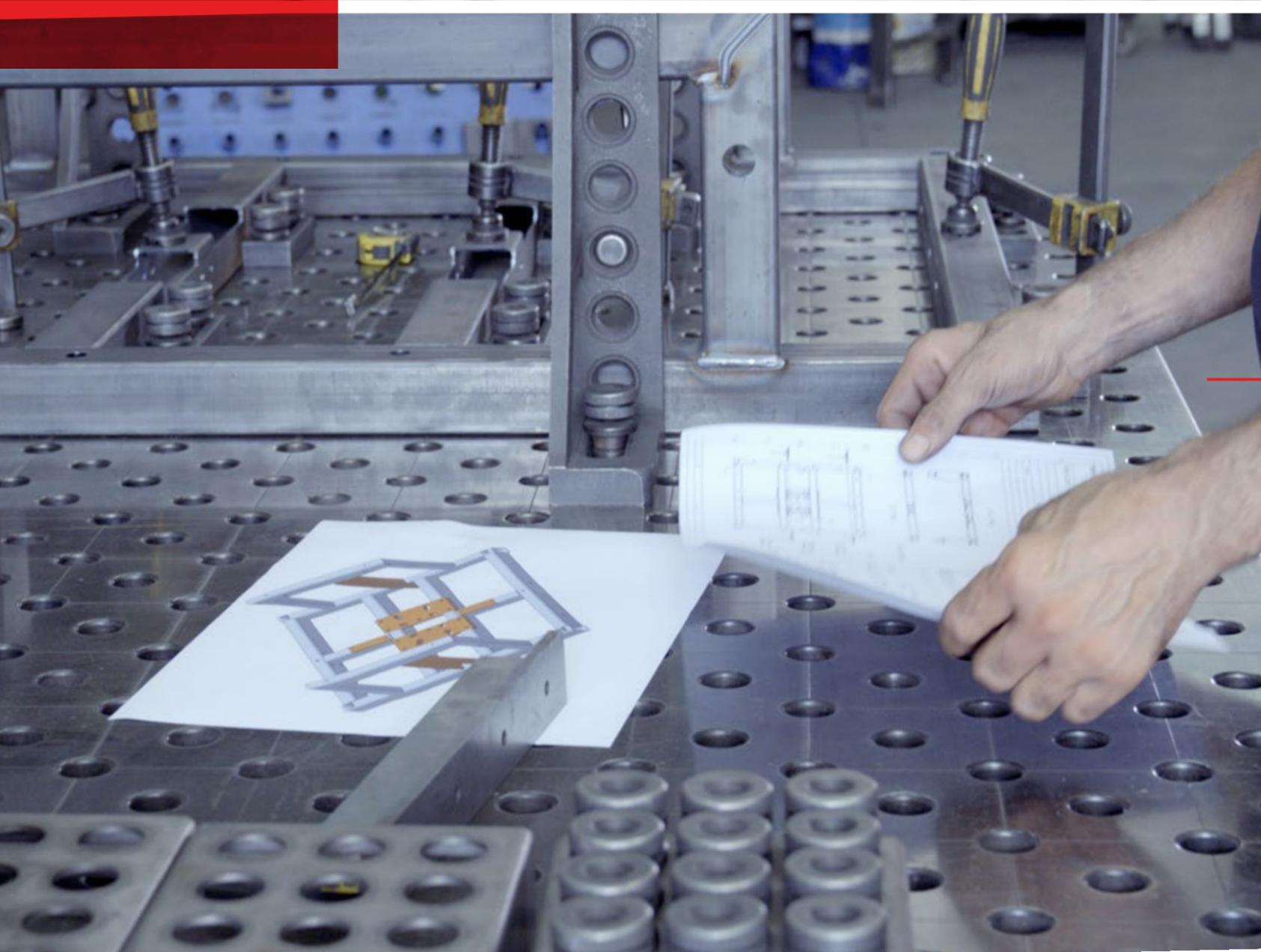
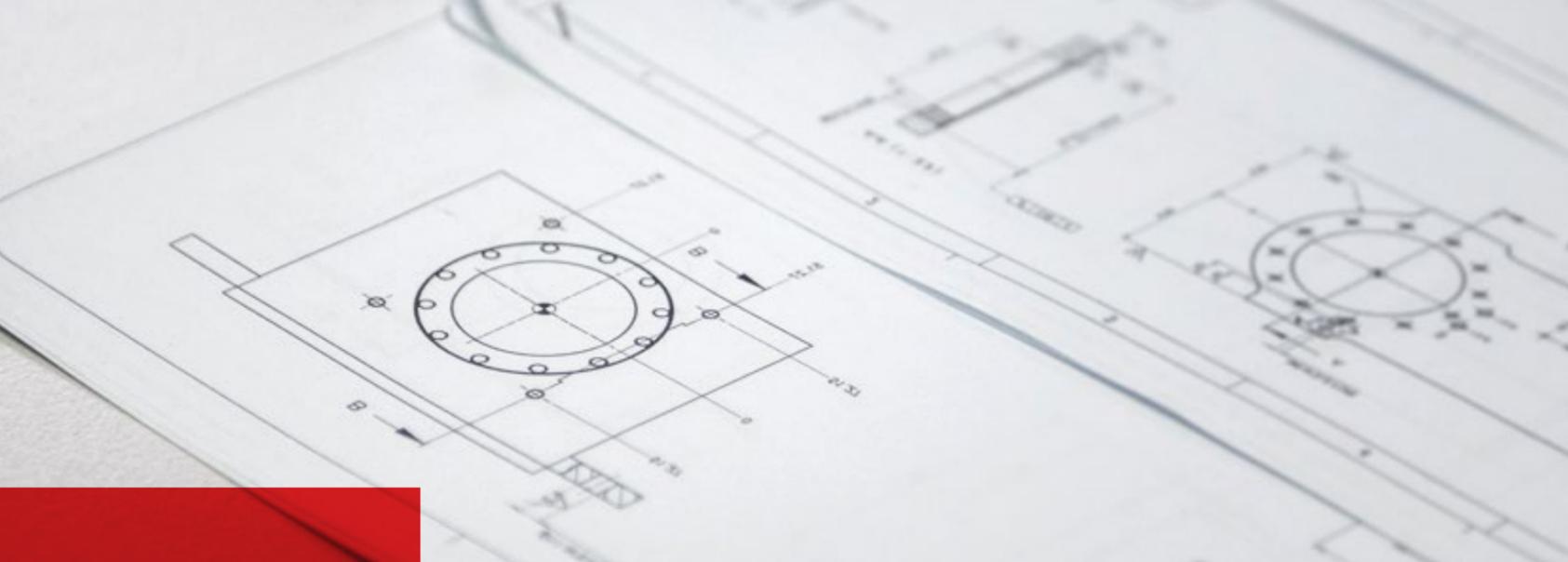


REGGIO EMILIA  
SAN MARTINO IN RIO  
BOLOGNA

# Innovation has always been our greatest inspiration

Founded as a small family business, thanks to the constant updating of our machines and the skills of our staff, we are true **partners for our customers.**





Our work is not limited to constructing metal structures. Each project is designed to meet the customer's needs, providing the right balance between **product economy and process industrialisation.**

[GUARDA IL VIDEO](#)

# overview



**15,000**

square metres of floor space



**45**

professionals at your service



**1,500**

tonnes of material  
processed each year



**12,500**

orders completed in a year



MISSION

# TOP TECHNOLOGY AND GREAT EXPERTISE

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Casarini's mission has always been to expand its knowledge. Thanks to the constant updating of the staff's skills and the maniacal investment in new technologies, it is possible to guarantee the customer innovative solutions with the best quality/price ratio.

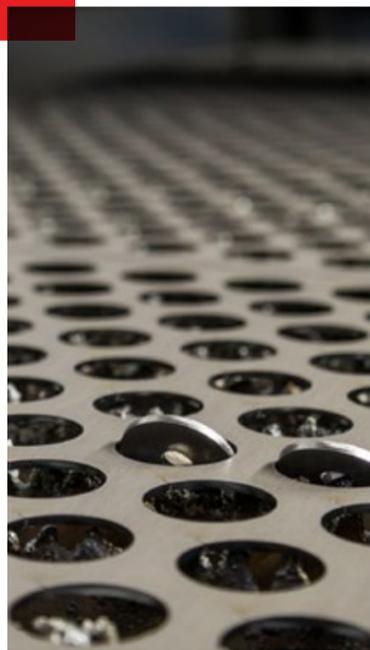
## PROCESSES

# SHEET METAL CUTTING

The company's sheet metal cutting department offers **maximum flexibility**, as it is set up to take the processing of small batches as well as different materials such as aluminium, stainless steel and high-strength steel into account.

The dedicated laser cutting islands **reach up to 6000 Watt on 1500 x 3000mm sheets with 25mm thickness and are equipped with the latest Fibra technology**. *The centralised warehousing system and the automated loading and unloading system allow us to drastically reduce tooling downtime.*

We are able to carry out **CNC punching, shearing of sheet metal and punching from a die**, obtained with **presses capable of up to 150 T of thrust**.



## PROCESSES

# SHEET METAL BENDING

The department dedicated to **sheet metal bending** has eight similar workstations, but with varying powers.

Each island is designed to perform at its best in every situation.

In addition, a powerful **CAD/CAM** programming system supports this phase of the process, allowing better utilisation of the machining process.



# MECHANICAL PROCESSES FOR CHIP REMOVAL

The department of mechanical processing for chip removal has **CNC turning centres** and **multi-pallet vertical machining centres**.

These technologies allow us to manage the integration of products made from sheet metal with those made from bars in-house, guaranteeing maximum quality to the customer while in full control of the machining processes.



PROCESSES

# PROFILE BENDING

Casarini has always specialised in the **processing of tubes and profiles for the production of roll-over protection bars**, approved for industrial and agricultural vehicles.

In order to meet the increasingly complex demands of the market, we offer profile **bending processes for tubes** up to a **diameter of 130mm** and a **thickness of 2.5mm** using innovative multibeam and variable radius technology.



PROCESSES

# WELDING

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The **welding department** has always been integrated into the company's in-house processes, relying in large part on **robotised islands** that allow unique control and repeatability.

This process, which is as important as it is underestimated, is a guarantee of quality in the manufacture of safety components **Casarini manufactures the equipment for this process autonomously**, interpreting each phase of the process to the best of its ability.



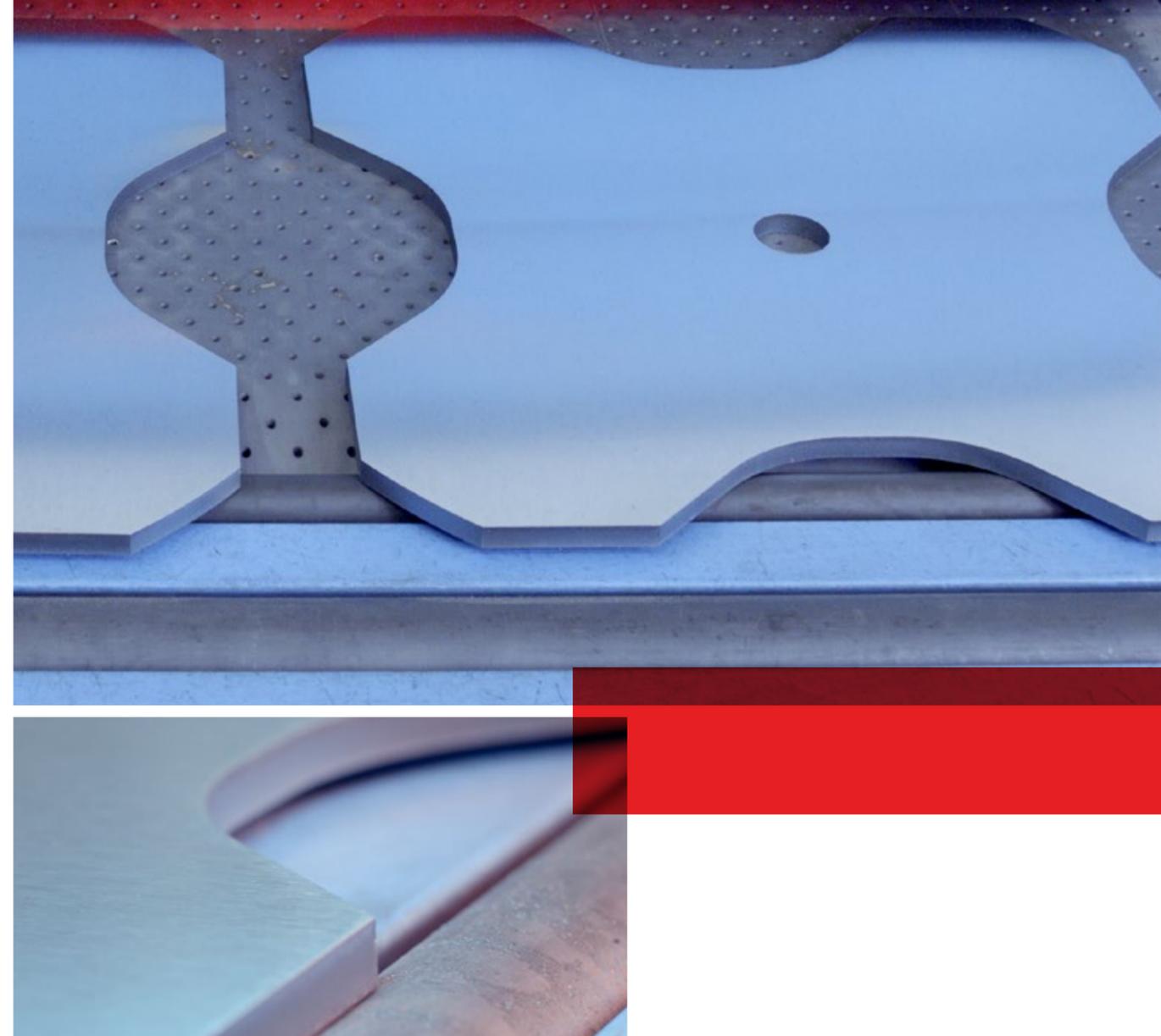
## PROCESSES

# METAL FINISHING

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We are able to treat materials such as **carbon steel and stainless steel** in the company, thanks to special automatic equipment for brushing the cutting edges and for deburring. We also carry out satin-finishing treatments on considerably large pieces, with a **width of up to 1300mm and a height of 160mm**.

Thanks to our network of highly qualified suppliers, we can guarantee surface, aesthetic or structural treatments such as **electrolytic bath finishing, painting, galvanising and heat hardening treatments**.



ASSEMBLY

# TURNKEY SOLUTIONS

In order to offer the most complete and efficient service possible, we provide assembly solutions to complement production processes.

We make assemblies, or parts of them, that are ready to be put on line, ensuring effective optimisation of the production processes.





## **Assembly is in our DNA**

This is how our story began 50 years ago: by providing this service in the agricultural sector. Today, thanks to the experience we have gained over the years, we are able to work alongside companies that operate in completely different markets: from automotive to cleaning, from food to furniture, supporting them in pre-assemblies ready to go on line.



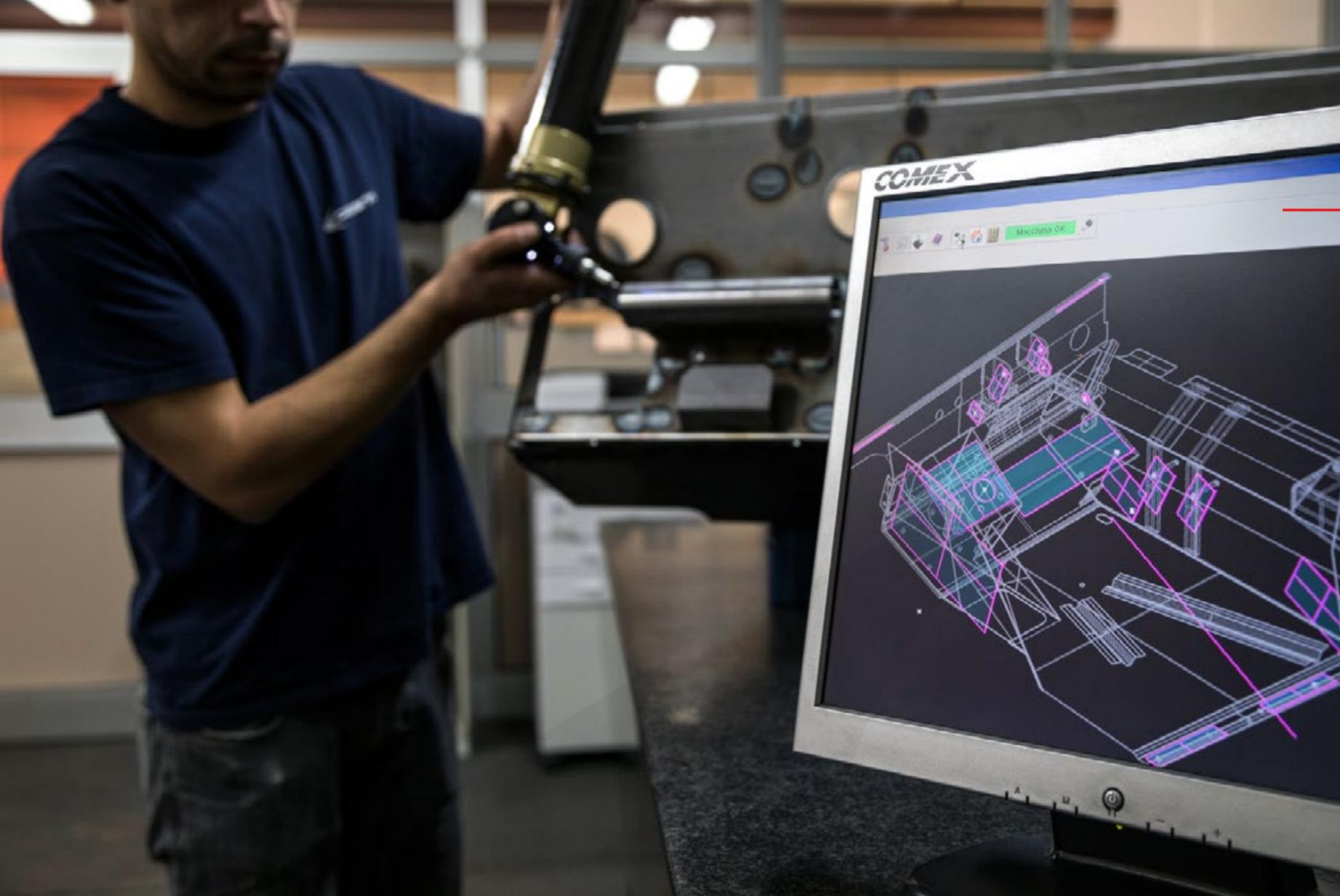
QUALITY

# FOR US QUALITY MEANS PROFESSIONALISM

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All processes, from incoming raw materials to the delivery of the finished product, are constantly monitored.

Every single process is promptly checked by the operating staff, and each phase follows well-defined detection and measurement practices based on special plans shared with the customer.



The most complex controls are supported by three-dimensional instrumentation as well as tools for welding tests.



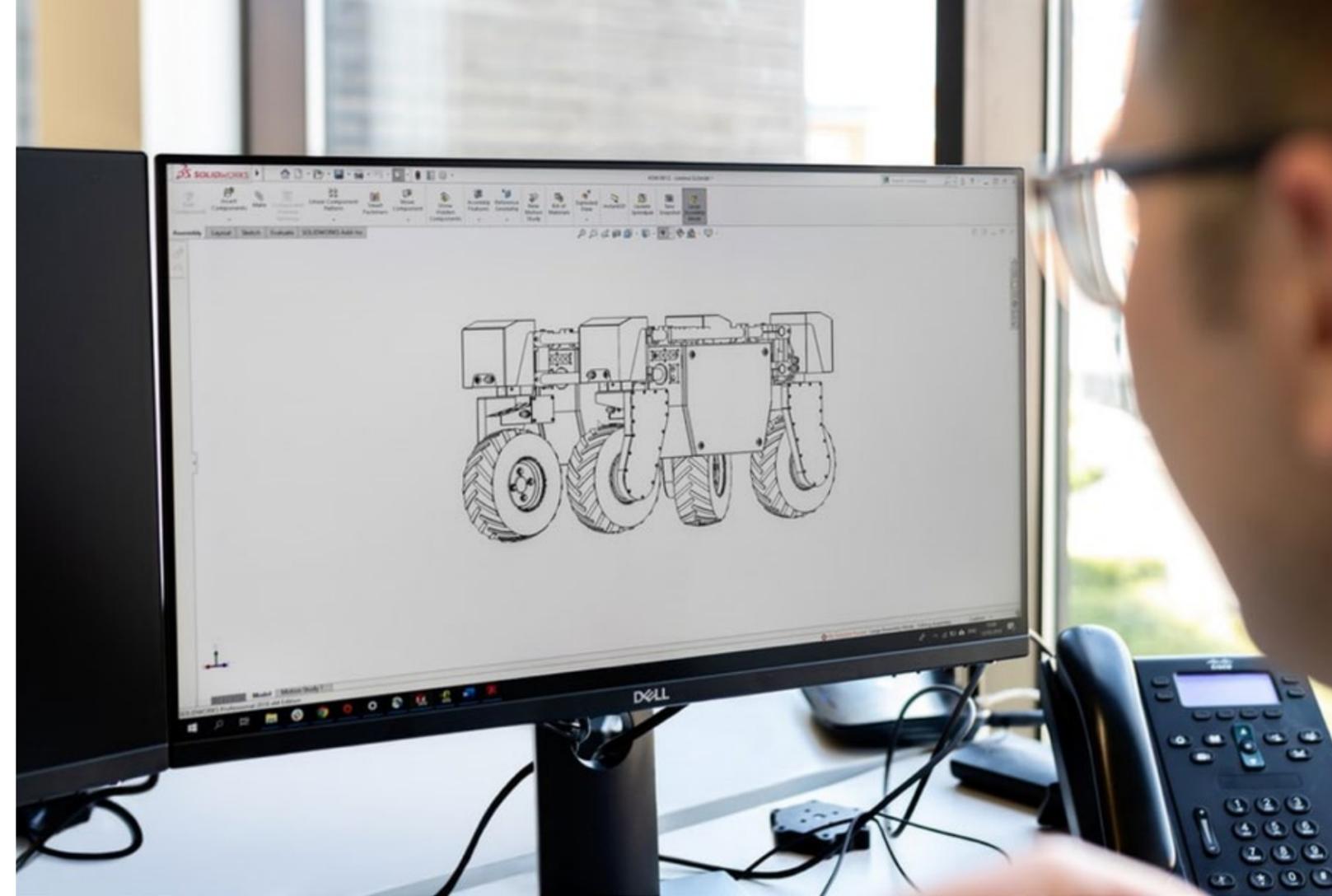
CO-ENGINEERING

# WE WORK ALONGSIDE YOU

We put all our experience in product industrialisation at your disposal with the creation of prototypes and the possibility of immediate reverse-engineering.

We have the best software technologies in the design field and you can count on our technical knowledge for optimising form, functionality and cost.





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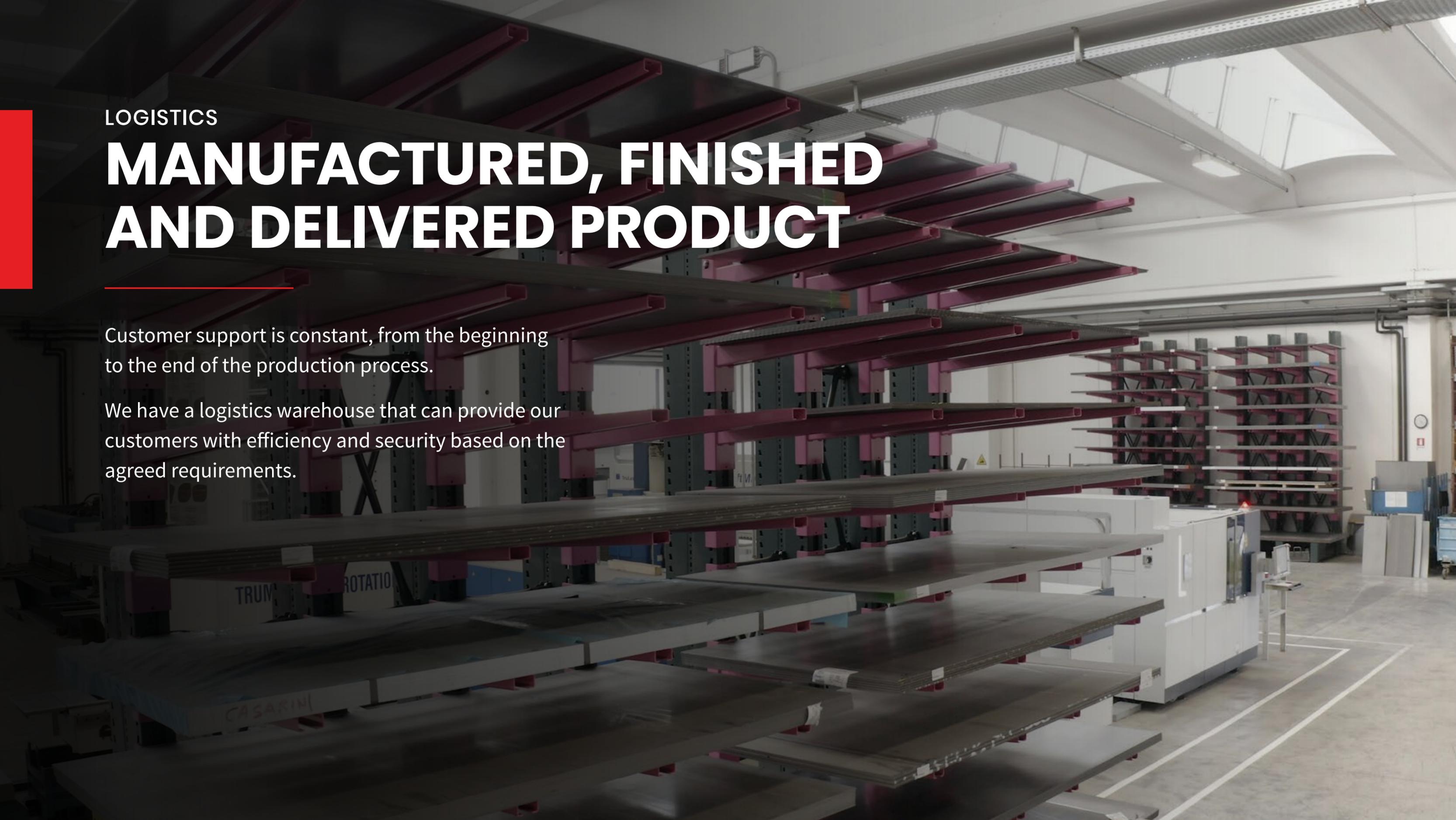
We cooperate with our customers on a daily basis to **finalise complete agricultural machines**, driver protection cabs, supporting companies that do not have a deep background in engineering.

LOGISTICS

# MANUFACTURED, FINISHED AND DELIVERED PRODUCT

Customer support is constant, from the beginning to the end of the production process.

We have a logistics warehouse that can provide our customers with efficiency and security based on the agreed requirements.





Thanks to the use of our own vehicles, we guarantee delivery of goods to your warehouses and handling to and from partner suppliers.



# sectors

**Specific sectors and development of ad hoc projects.**

Today, thanks to a consolidated know-how in over 50 years of experience, we are able to offer solutions for heterogeneous and constantly evolving markets.



AGRICULTURE | EARTHMOVING | AUTOMOTIVE | INTRALOGISTICS | FOOD | FURNITURE | CLEANING

# Would you like to know more?

## Contact us to receive further information

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