



nuova metal

DESIGN AND PRODUCTION OF METALLIC FURNITURE & THIRD PARTY PROCESSING

Nuova Metal S.R.L. is an **ISO 9001:2015**-certified company operating in the light metalwork sector for thirty years, specialising in metal furniture for various industries.

Our company was established as METAL WORKING in Torre de Pinenardi in 1973. It took its current name in 1987, consolidating its focus on an ever-evolving market with increasing demands.

In 1994, we moved to our current 9000 sq.m headquarters in Drizzona to ensure higher production capacity and better logistics.

In July 2018, Nuova Metal became part of the Bologna-based P.E.I. Group, which specialises in protective covers for machine tools. This was a major milestone that made us grow in terms of production, technology, and sales.

Our innovative solutions, expertise, research, and continuous investments in machines and systems allow us to manufacture top-quality products monitoring every stage of the process, thereby meeting all market needs.

We work **side-by-side with our clients**, which often translates into co-design, allowing you consistently to achieve your desired results.

Our production department is equipped with state-of-the-art machinery for every stage of the process, from metal sheet and tube machining to phosphating and powder coating.

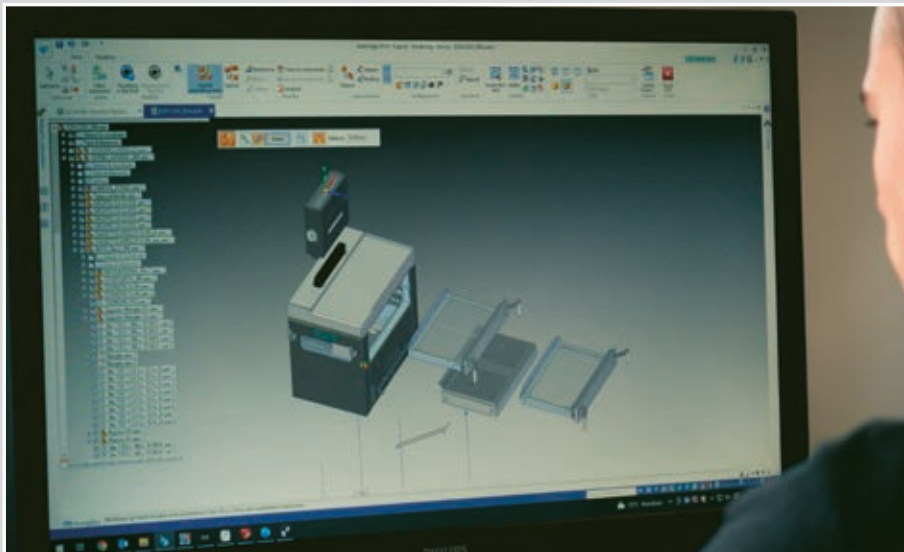
We can even provide antibacterial treatments that make our products easier to clean while reducing contamination risks. This aspect is particularly crucial in the medical sector.



“ Our 30 years experience
in light metalwork allows us
to meet every your need ”

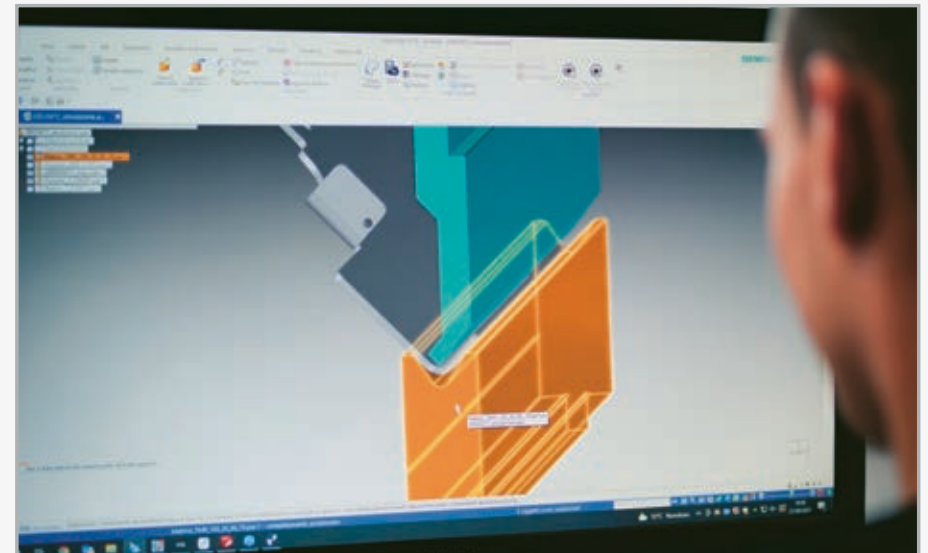
We tailor our products to your technical needs, starting from an idea, a drawing, or a model. We work synergistically with our clients, providing co-design and industrialisation services for metal furniture in the medical (hospital and care home furniture), food (industrial kitchens, professional stainless steel furniture), and industrial sectors.

We use a 3D CAD/CAM system integrated with cutting-edge management software. This way, we can meet all co-design requirements, support decision-making processes, and interact with other departments while optimising management times and costs.



We have automated the step from the CAD drawing to nesting. This way, we can optimise the entire production process while reducing waste and saving on the material used.

“From the idea
to the end product”



Our bending simulations give you a realistic overview of our 3D bending process, showing any collisions that may occur during the process.

We then generate a NC code for the machine and the reports.

This procedure saves time and material, thereby maintaining high productivity rates.

Punching and Laser Cutting

Here at Nuova Metal, we machine metal sheets using punching-laser combination machines. This way, we can combine high precision and versatility for processes including deburring, countersinking, grooving, slitting, tapping, logo marking, and lettering.

Our punching-laser cutting system is integrated with an automated loading/unloading system.

Our workbenches can measure up to 1500 mm x 3000 mm and we can machine thicknesses of up to 5 mm for stainless steel and 8 mm for iron.



Press Brake Bending

We use high-quality press brake solutions to bend sheet metal. In addition, our machines are equipped with bending angle sensors, thereby ensuring maximum precision and the highest quality even in complex and custom processes.



“Maximum precision
and highest quality”

Welding and Spot Welding

We specialise in gas metal arc welding (MIG-MAG welding) and Tungsten Inert Gas (TIG) welding.

Our welders are highly qualified and certified according to the EN ISO 9606-1 and 9606-2 standards for stainless steel, steel, and aluminium.



Satin Finishing and Polishing

We achieve the exact finish you requested for stainless steel and aluminium components - whether satin or polished - using abrasive tools.



“High quality finishing process”

Phosphating and Coating

We use phosphating and coating systems to hot degrease parts controlling the pH levels, coat them with epoxy powder, and expose them to heat in controlled-temperature furnaces. We carry out this entire process in-house, closely monitoring every stage and ensuring the highest levels of customisation.

We also provide antibacterial coatings with long-term efficacy, eliminating up to 99% of the most common viruses, bacteria, fungi, and moulds.

The Antimicrobial8 treatment's antibacterial efficacy was laboratory-tested according to the JIS Z 2801:2000 standard.



PROCESSING

Assembly



“ The product
just as you want ”



This is the sector for which Nuova Metal first began producing metal furnishings.

Today, our specialised, high-precision, medium-light metalwork meets the highest quality standards.



“ Our high
quality standard
meets every
your need ”



Our experience in the medical sector and our continuous technological research have allowed us to expand into the food industry, meeting the highest processing and finishing standards.



“ *Precise finishing
and accurate design* ”

FOOD INDUSTRY SECTOR



Our competencies and specialisation allow us to work in any industrial sector, providing customers with perfectly crafted, top-quality products, from raw materials to delivery.



“Special processing
and accuracy
of assembly”





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