

The logo for Rolla Metal Technologies features a stylized white 'R' that incorporates a triangle pointing upwards. To the right of the 'R', the word 'rolla' is written in a dark blue, lowercase, sans-serif font. Below the 'R' and 'rolla' text, the words 'METAL TECHNOLOGIES' are written in a white, uppercase, sans-serif font.

Rolla
METAL TECHNOLOGIES

COMPANY **PROFILE**

OUR STRONG POINT
LIES IN **DECADES
OF EXPERIENCE,**
CONSTANT
**TECHNOLOGICAL
UPDATE AND SKILLS**



Since 1974

Since 1974 METAL SHEET MANUFACTURING EXPERIENCE AND TECHNOLOGY

Founded in 1974, we - at Rolla - operate in the light metalwork industry with recognised experience in the lighting industry, furnishing accessories industry and in the field of industrial components.

Besides **manufacturing products**, our services also regard **designing** and **creating prototypes** as well as **developing moulds and equipment** alongside **assembly**.

Thanks to our experience in using materials with different chemical/physical and dimensional features, we have gathered considerable capacity to create aesthetic finishes. This also thanks to an efficient powder **painting department**.

As a company, our values are based on **constant update in terms of technology and skills**. These values allow us to offer a flexible and customer-oriented production.

Besides our main branches at Padernello di Paese (TV), we have a branch in Romania, where lower technological impact and high competitiveness production is carried out.

ABOUT US



About us **PRODUCTION**

Tailor-made approach

To us, besides being unique, each project starts from specific customer requests analysis.

Collaboration starts from design stage, during which we assess and optimise each and every production step, with the aim of guaranteeing high quality with respect to specific demands, carefully optimising production costs.

WE IMPLEMENT
YOUR PROJECTS
WITH **PRECISION,**
QUALITY AND
COMPETITIVENESS



MANUFACTURING

Our MANUFACTURING

We - at Rolla - have accumulated experience and technology for processing sheets made of materials such as aluminium, copper, steel and brass.

Thanks to our ability to optimise production processes, we guarantee high quality of the finished product, offering a complete and competitive service.

Manufacturing:

- LASER CUTTING
- SHEARING AND DEEP DRAWING
- BENDING AND CALENDERING
- WELDING
- COATING

01 LASER CUTTING

Our 2d laser cutting processing centres play a major strategic role in almost all mechanical machining operations. Often used in natural combination with pressure-bending and calendering machines, these machines offer high flexibility with respect to product customisation options.

02 SHEARING AND DEEP-DRAWING

Besides representing our history at Rolla, our array of machinery which includes press machines is still a key processing department in that it integrates and completes the production process thus allowing significant reduction of production costs.

03 BENDING AND CALENDERING

Our bending and calendering machines, obviously completing the processed products coming from the laser cutting department, obviously allow a considerable machining flexibility with the aim of obtaining custom-made products.

Il parco macchine per il taglio laser è raggruppato in due importanti tecnologie:

- **laser Fibra Salvagnini**, mainly dedicated to cutting sheets of considerable thickness. It can handle metal sheets with a 3 x 1.5 m maximum diameter and an up to 20 mm thickness as well as various types of materials: steel, aluminium, brass and copper, with variable thickness limits;
- **combined Trumpf laser**, dedicated to laser processing operations combined with punching processing operations, with automatic loading/unloading. We can process metal sheets with a maximum diameter of 2.5 x 1.25 m and thickness up to 8 mm, made of steel or aluminium material, with variable thickness limits.

The shearing and deep-drawing department has the following features:

- **press machines** with power from 80, 100, 200 up to 350 tons;
- performable works: **deep-drawing, shearing, trimming** and **edging**;
- with possibility of processing metal with width ranging between 100 and 700 mm and thickness ranging between 0.6 and 3 or 5 mm;
- processing various types of metal: steel, aluminium, copper and brass.

The materials that can be bent and calendered by the machines include steel, brass, copper and aluminium. Our bending and calendering machines include:

- **CNC bending machines**, from 25 up to 100 t of power, with 4 and 6 axes, with bending angle and variable machinable dimensions of the metal sheets from 1.2 up to 3.1 m of width and 2 up to 8 mm of the thickness (thicknesses and dimensions variable as a function of the machine and the type of metal);
- **calendering machines** that bend sheets up to 1 metre of length and up to 2mm of thickness.

04 WELDING

We can carry out several types of welding: Tig, Mig, braze welding, on iron, steel, brass, copper and aluminium too. Based on the technical drawings and customer's specifications, we carry out welding both on bearing parts as well as detailed aesthetic works.

05 COATING

Our epoxy powder coating system allows us to offer our customers supreme production elasticity in compliance with the most recent anti-pollution standards.

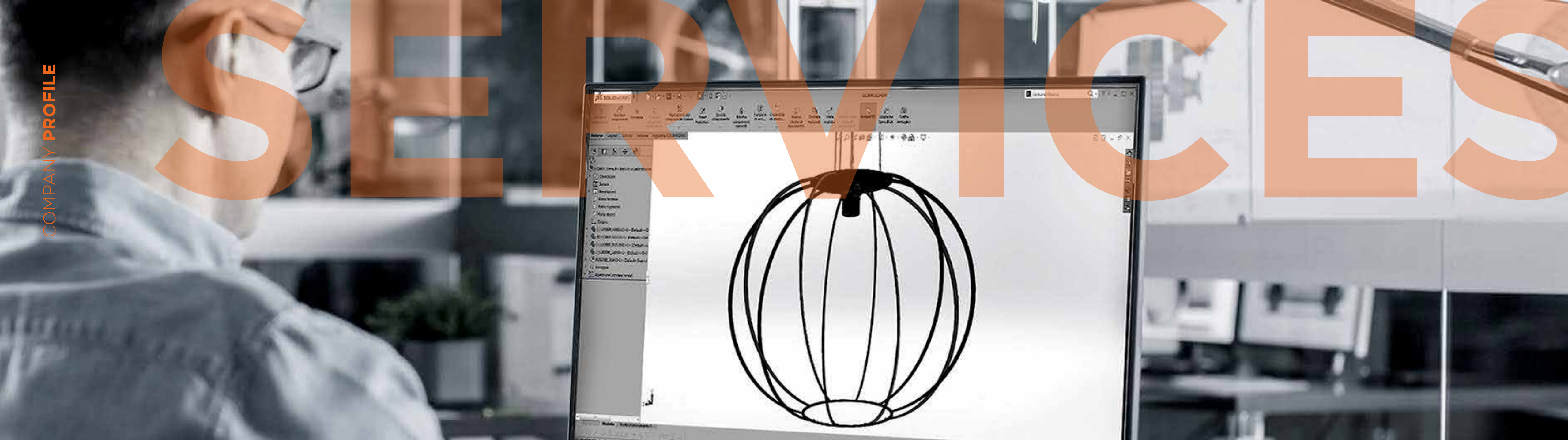
The department's welding machines are:

- **CNC welding machines** for M3, M4 and M6 steel and aluminium studs and bushings on metal sheets, steel or aluminium up to 1.5 m long;
- **TIG (Tungsten Inert Gas) automatic welding machines** for steel and aluminium of various dimensions and thickness;
- **MIG (Metal-arc Inert Gas) welding**, for steel of various dimensions and thickness;
- other **threading, drilling, milling, riveting, electric spot-welding machines**.

TRANSFORMING
YOUR IDEAS
INTO A **PROJECT,**
PROTOTYPE,
PRODUCT



SERVICES



Servizi
**DESIGN, ASSEMBLY,
MANUFACTURING
MOULDS, LOGISTICS
and WAREHOUSE**

Creating prototypes, product design and industrialisation, designing and manufacturing moulds, up to assembling the finished product, are not only skills we have acquired over the years but they also stem from our ability to listen to and understand the needs of our customers operating in ever-complex and competitive markets.

01 DESIGN

Our design team is capable of assessing the **development and engineering of the product**, starting from the customer's idea. We listen to specific ideas with the aim of offering the best solution possible: all design stages are carried out in collaboration with the customer, also thanks to design software such as SolidWorks, which allows displaying 2D and 3D models with photographic quality. Over the years we have gathered specific experience in the lighting industry, furnishing accessories industries and metal furniture industry, in fire safety

accessories and alarm systems industry, as well as manufacturing components for industrial machinery. In every design we keenly assess the production processes, with the aim of guaranteeing **high quality** with respect to the specific requirements, carefully **optimising production costs**.

03 MANUFACTURING MOULDS

The mould design and manufacturing function represents an important service offered to the customer, in that it allows identifying the specific equipment depending on specific demands (especially shearing/deep-drawing and bending/calendering departments).

After sharing the 2d or 3d design using the Goelan software, **our technicians manufacture the moulds and equipment dedicated to the customer**, using the turning and milling technologies part of our array of machines:

- **processing centre** (useful processing dimensions 1000 x 500 x 700)
- **CNC milling machine** (useful processing dimensions 2000 x 700 x 800)
- **wire electrical discharging machine** (with useful processing dimensions 700x400x350)
- **grinding machine** (with useful processing dimensions 1000x400)
- **parallel turning machine** (maximum turnable dimension D 350 and bench L.2000)

02 ASSEMBLY

An opportunity for the customer. For customers requiring finished products, we offer a complete **assembly and packaging service**, following specific technical specifications, with particular reference to the safety standards required by the customer.

04 LOGISTICS and WAREHOUSE

Organisation matters a lot to us, hence we are very keen on logistics and organisation aspects related to **displacement of materials and finished products**, thanks to the availability of **large storage warehouses**.

OUR EXPERIENCE
OVER THE YEARS
ALLOWS US TO
**OPERATE IN VARIOUS
INDUSTRIES VERY
DIFFERENT FROM
EACH OTHER**

MARKET SE

Market Sectors **LIGHTING**

The lighting market is constantly changing also due to the advent of led and integration with home automation technologies, thus expanding the application and hence growth potential.

Players in this industry need reliable partners in terms of **quality, finish details and correct price enhancement.**

That is why Rolla is your ideal partner!

Other Market Sectors:
FURNISHING ACCESSORIES
METAL FURNITURE
SAFETY COMPONENTS
INDUSTRIAL COMPONENTS

MARKET SE

Market Sectors **FURNISHING ACCESSORIES**

The furnishing accessories industry has been undergoing purchase evolution due to the multiple channels offered by the digital market.

The operators of this industry require **prompt, reliable** and **creative suppliers**.
Rolla offers all this!

Other Market Sectors:

LIGHTING

METAL FURNITURE

SAFETY COMPONENTS

INDUSTRIAL COMPONENTS

MARKET SE

Market Sectors **METAL FURNITURE**

A newcomer in the furniture industry as a material, metal is a result of the outdoor furniture supply industry and then subsequently extending to other applications such as workplaces. Competitor companies in this industry look for companies capable of combining **quality, strength of the product** and **price competitiveness**.

Rolla is the partner you have been looking for!

Other Market Sectors:
LIGHTING
FURNISHING ACCESSORIES
SAFETY COMPONENTS
INDUSTRIAL COMPONENTS

MARKET SE

Market Sectors **SAFETY COMPONENTS**

Safety is an increasingly greater source of concern for consumers and companies, which thus turn to specialised and skilled operators.

Products that meet the needs of market players operating in the safety industry require skilled and qualified suppliers.

Rolla offers **competitiveness and quality!**

Other Market Sectors:

LIGHTING

FURNISHING ACCESSORIES

METAL FURNITURE

INDUSTRIAL COMPONENTS

MARKET SE

Market Sectors **INDUSTRIAL COMPONENTS**

The industrial machinery industry is one of the most complex and competitive markets worldwide, where specialisation, **delivery times and high quality** are crucial towards the success of its players and partners.

Rolla offers you maximum support for the success of your product!

Other Market Sectors:

LIGHTING

FURNISHING ACCESSORIES

METAL FURNITURE

SAFETY COMPONENTS



Rolla Srl

Via Piemonte 1/A
31038 Padernello di Paese
(Treviso) - Italy

Tel. +39 0422 4573
Fax +39 0422 457400
info@rolla.it

www.rolla.it

