



**JOM**  
metal stamping services

# JOM

metal stamping services

We are a company located in Lliçà d'Amunt, Barcelona, that mass produces metal components and enclosures. The company was founded in 1975 by Mr. Josep Calls Sarroca, who started the business as a small tooling workshop. Over these years we have integrated different manufacturing processes and currently specialize in the manufacture of parts through metal stamping and die construction, laser cutting, CNC bending and welding. We have a technical department made up of highly qualified staff and we offer a 360° service to our customers. We offer advice on possible production processes, engineering, quality, materials, finishes, etc.

We are driven by a desire to work closely with customers and help design, develop, improve and offer a product that fully complies with their expectations, in terms of service, functionality, quality and price.

We detect the needs of the customer and from there we analyze the manufacturing options available.



With a usable working area of 4,500 square meters and high-tech machinery, we are a multi-sector company that over the years has specialized in adapting quality standards according to the needs and demands of our customers. We currently work for sectors such as the automotive industry, construction, renewable energies, motorcycles, appliances, the electricity sector, street furniture, the medical sector and the railway industry, among others.

We firmly believe in honesty, respect and proactivity. We believe it is important to create synergies with our customers, suppliers and collaborators. Ensuring the satisfaction of our customers and a job well done are part of our identity. Today we supply products throughout Spain, France, Poland and Canada.



## State-of-the-art machinery



### Metal fabrication

Laser cutting, punching, bending, welding, inserting and assembly of units.



### Metal stamping

With presses up to 250TM.



### Matrices

Construction of dies for progressive stamping or in phases.

These three sections allow to manufacture metallic components combining all of our manufacturing processes. Therefore, we can offer fabrication that combine stamping, cutting, folding, welding and inserting processes. Likewise, depending on the needs of our customers, we offer advice on the most profitable way of manufacturing and achieve high performance in our production and therefore an improvement in price and quality.



# Quality and **the environment**

---

We are **ISO 9001 certified**.

In an increasingly demanding market, our quality department ensures that what we manufacture meet the requirements of our customers and their products. We industrialize the manufacture of metallic components with stable processes which are agreed with our customers, to guarantee that we meet our objective and that of our customers. When we industrialize any commissioned part, our engineering and quality departments work together to ensure compliance with the part or assembly requirements. The necessary verification method is implemented in each of the operations of the part and the necessary documentation is prepared for its approval and subsequent manufacturing. The tools proposed by the quality department are also designed and built at JOM.

Reducing our carbon footprint is one of our priorities. We want to contribute to improving the environment and the lives of people by being increasingly efficient and sustainable. We believe in the circular economy and we work along these lines by adopting recycling measures and properly managing our waste.

Much of the electrical energy consumed at JOM is produced by solar panels installed on our roofs. We use recycled materials for the packaging and shipping of our products.



## Mission

---

We are passionate about what we do and our motivation is to continue creating business opportunities. To discover all the possibilities that new technologies can offer us and improve our production processes and service to our customers. Our mission is to grow sustainably so we can continue to enjoy a job well done.

We want to be known for our commitment, professionalism, closeness to our suppliers and customers, and the quality of our services.



## Values

---

The skills and talent of our team of professionals that we want to continue promoting include: enthusiasm, experience, desire to improve, search for solutions and a proactive attitude.

In our organization, honesty and respect are non-negotiable values that we uphold and ensure among colleagues, customers, suppliers and collaborators.



## Let's make the difference

We provide **the best solution** to optimize the production process of the piece, in order to offer a competitive price and maintain our quality standards.



We analyze your proposal



We choose the best manufacturing method



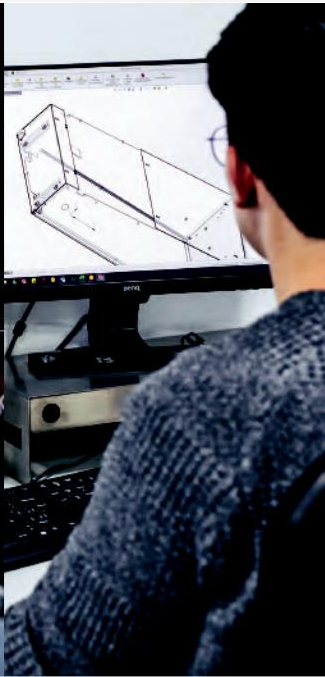
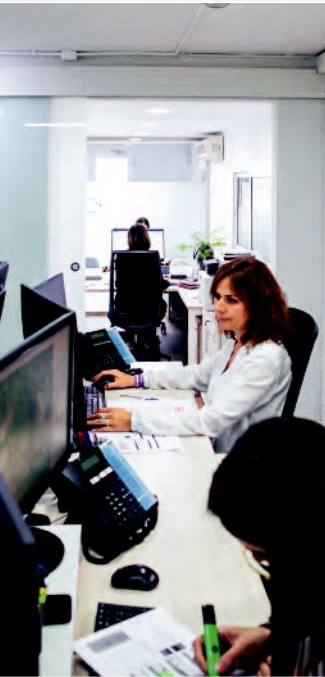
We bring our experience and technology

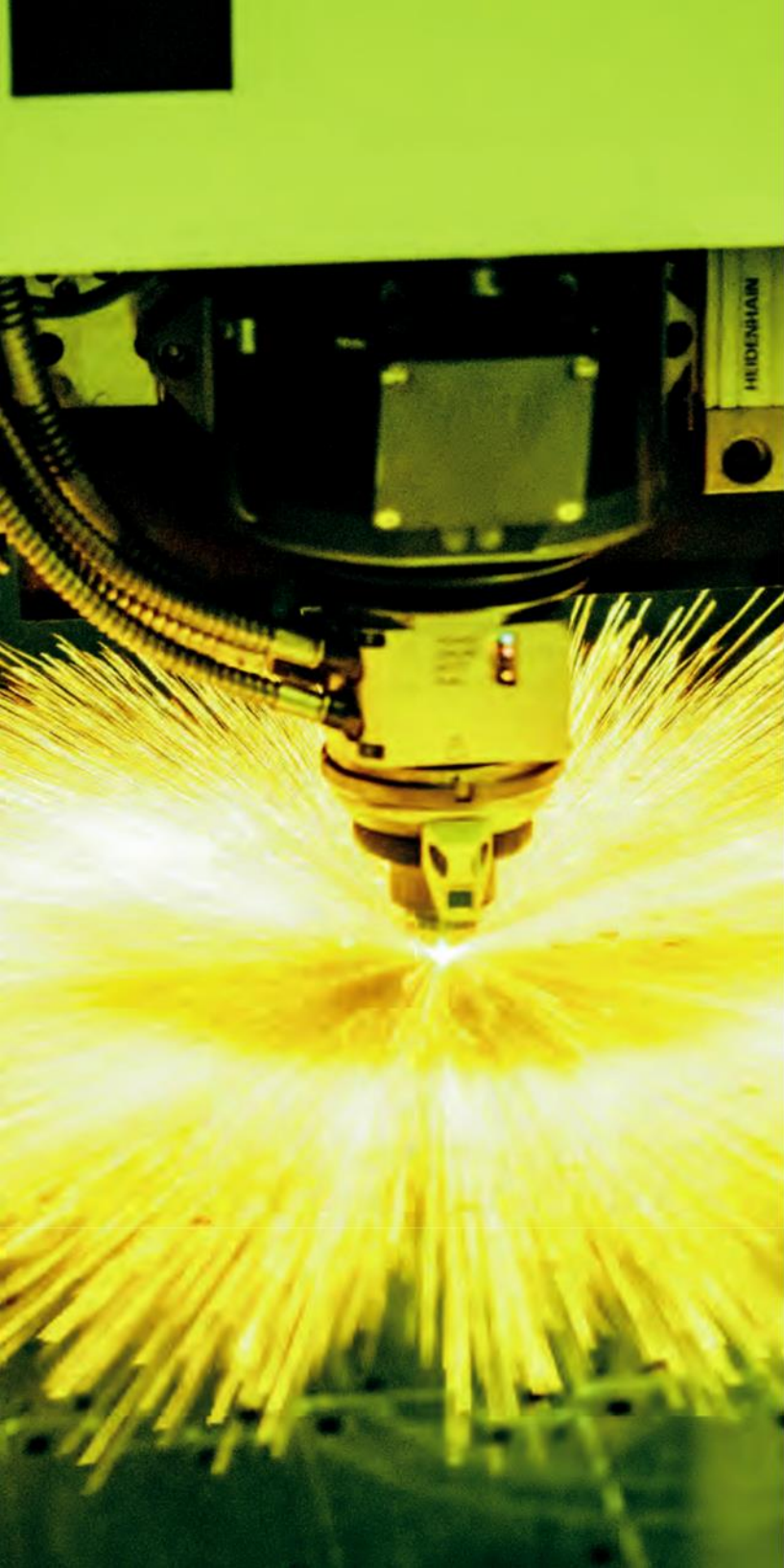


We validate using prototypes



We manufacture





## Laser cutting

---

We have laser cutting machinery that allows us a high speed of machining and a high quality in the cutting of the parts we manufacture. We cut complex contours into pieces up to 20 mm thick and with materials such as copper, brass, aluminum, iron, stainless, bronze, electrolyzed and galvanized materials, among others. We have a smart warehouse in which we have a wide variety of types of materials and thicknesses.

Our facilities are fully automated with a smart warehouse connected to our cutting machines. This allows us to carry out the cutting process in an efficient and competitive way, we have a permanent stock of raw materials with which we can offer an agile service to our customers.



## Bending

---

It doesn't matter how complex the part is. We can carry out any type of bending. All our bending tasks are executed through CAD-CAM programming. We provide solutions to all kinds of standard or special bending needs. For special bend processes we design and build tools in our tooling workshop.

### **CNC** bending machines

---

We have a large bending capacity, the range of machinery that we have allows us to carry out bending work with very narrow and demanding tolerances. With the collaboration of our tooling section, we design and build special tools to incorporate them into our bending machines when a part requires it.

Thanks to the engineering applied by our team and machinery, we can offer special bending and deep drawing. We offer endless possibilities for achieving the customer's desired result.



## Welding

---

We cover all the welding needs of our customers through MIG, TIG, impact and resistance welding processes. We can weld various types of materials including aluminium, stainless steel, iron and galvanized material.

We have several robotic stations that allow us to automate processes and guarantee repeatability with high levels of quality.





## Metal stamping

---

A highly qualified team of professionals participates in the entire process of setting up the presses with the necessary dies, placing the strip material in our winding machines right up until parts with the necessary quality and requirements start to come out. We offer metal stamping processes using progressive dies and dies for phased operations.

Our machinery allows the cutting, bending, stamping and deep drawing of pieces with a tonnage of between 40TM and 250TM.

This section is dedicated to the manufacture of stamped metal parts and the stamping of specific phases of parts that come from laser cutting or bending operations. This phase is then added to achieve the necessary shape or detail to our customer's part.



## Die tooling

---

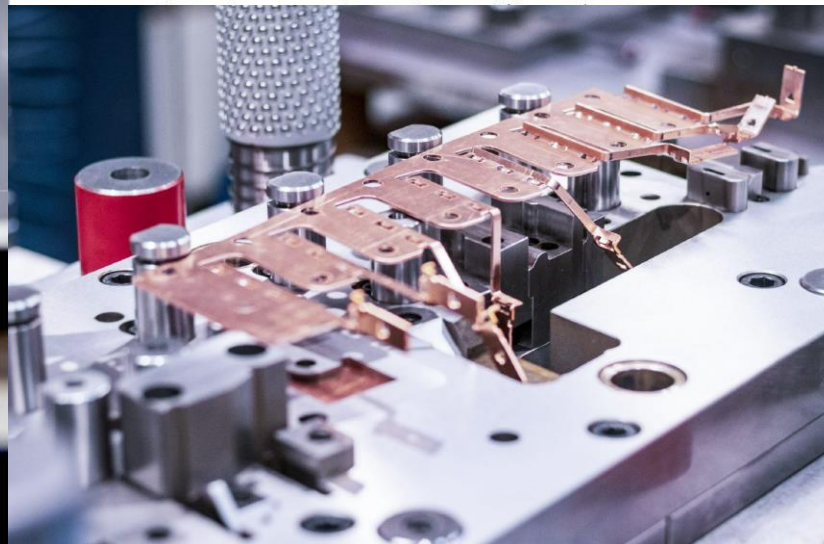
We were born as tool and die makers and it forms part of our DNA. This extends to our way of conceiving the manufacture of any part, whether this involves stamping, laser cutting, bending or welding.

We design and build our own dies and tools, which ensures the reliability and safety of our production process. We build precision dies with very high tolerance level requirements.

With our highly qualified team of professionals, this section allows us to carry out preventive and corrective maintenance to guarantee reliability during the manufacturing process and to respond immediately to any eventuality that may occur during the production process.

We have wire erosion machines (EDM), penetration erosion machines, machining centres, grinding machines and milling machines that allow us to build spare parts in an agile and proactive way.

This section is vital for our company and the customers we work with benefit from our contribution to improving their products.





## Assembly and **mounting of units**

---

We provide a 360-degree service, which begins with the conceptual design and development of an item and usually ends with the final assembly or mounting of the components we manufacture.

Our R&D and engineering department suggests improvements to optimize the assembly of the components that we manufacture in the customer's final product.



## Industrial **finishes**

---

At JOM we always try to surround ourselves with the best partners in order to apply the appropriate surface finishes to the pieces we manufacture. With the variety of partner companies with which we are in contact, we can advise on the different solutions that exist on the market in terms of surface treatment and protection. In order to improve the protective properties of metal surfaces, provide new features to favor subsequent treatments and even provide a decorative finish, we offer the following coating solutions:

Powder and liquid paint

ECO TEC paint

Electrolytic coatings

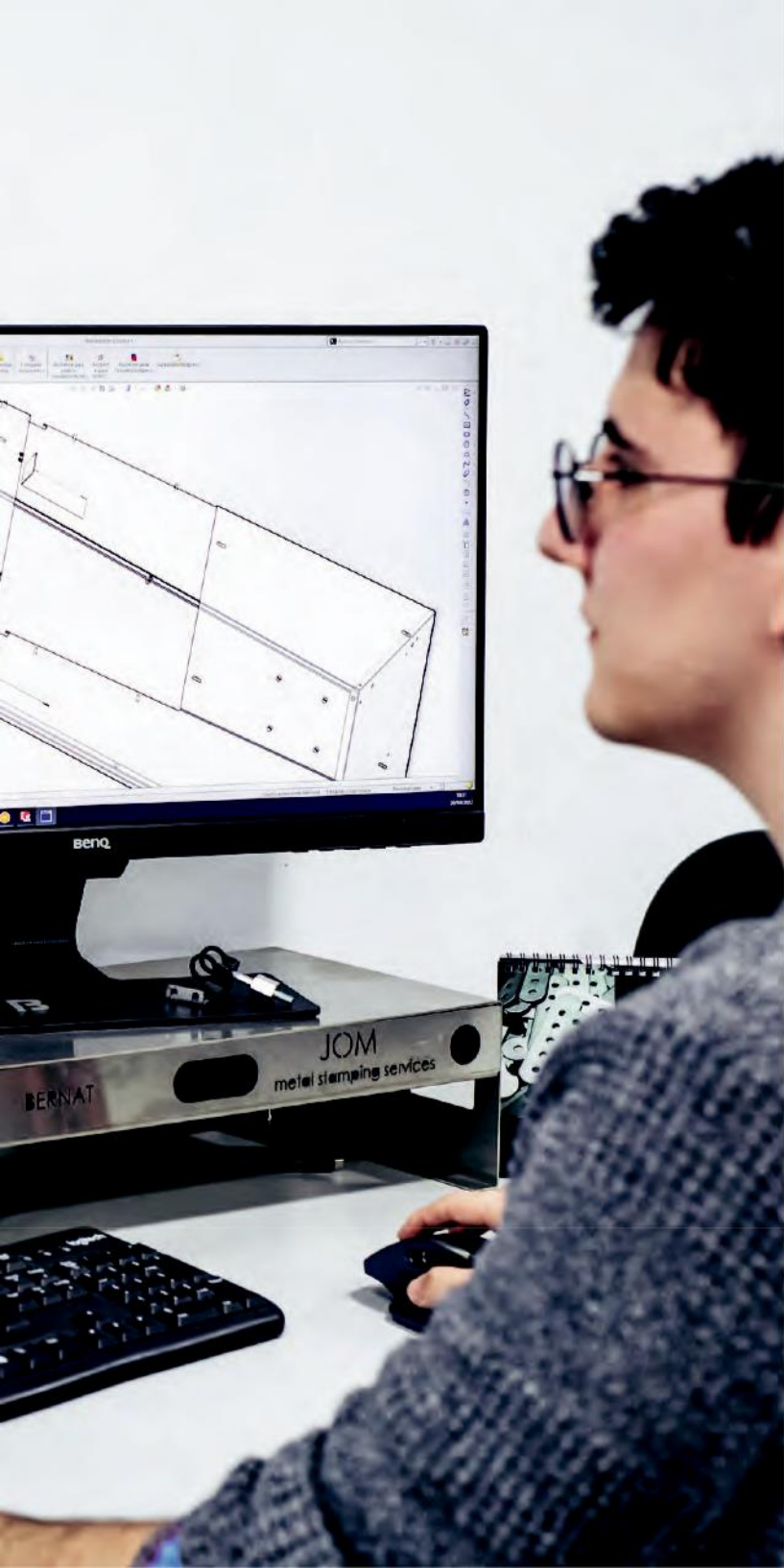
Polishing and electropolishing

Sandblasting

Chrome and nickel plating

Cataphoresis (KTL)

Galvanic baths



## Co-engineering

---

We are metal experts and are passionate about putting all the experience we have accumulated over the years at the service of our customers by offering them the best possible advice.

We industrialize the manufacture of any metal part, always defining the best production process. To do this, we combine all our manufacturing processes according to the needs of each project: die construction, metal stamping, laser cutting, punching, bending and welding, among others.

We work side by side with our customers to meet the objective in terms of costs and quality in each case. The interaction of our three manufacturing sections, tooling workshop, press section, and laser cutting, bending and welding, allows us to fully optimize the manufacture of any metal part or assembly.



## Prototypes and **pre-production samples**

---

At JOM we have a separate department that manufactures prototypes and pre-production samples. In phases of product development, validation of parts or testing, we consider it vital to offer our customers a prototype and pre-production service that is extremely agile and does not depend on the workload of the other mass production processes. That is why we work with average delivery times of between 1-4 days depending on the complexity of the project.

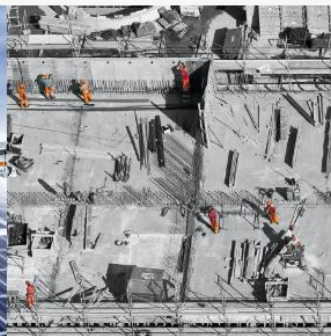
## Sectors where we work



Automotive



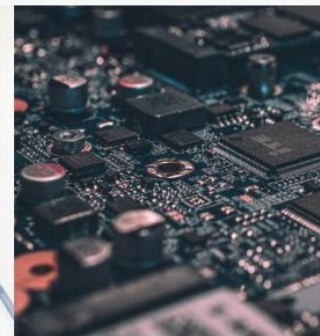
Renewable energy



Construction



Street furniture



Electricity



Machinery



Lighting



Climate control



Recreational



Other applications



## We support you in your projects

JOM brings you the **quality** of its products wherever you go, making your worries a unique solution for you and your business. We currently supply products to Spain, France, Poland and Canada.



# JOM

metal stamping services

[www.jom.es](http://www.jom.es)

c/ Indústria 12-18, 08186 · Lliçà d'Amunt - Barcelona  
+34 938 415 444 · [jom@jom.es](mailto:jom@jom.es) · [www.jom.es](http://www.jom.es)