



BIATEL

BIVLET

Your ideal partner  
to produce top  
quality machines

# BIATEL WORLDWIDE

Biatel has contributed to the production of small, medium and large machines all over the world.



# INNOVATION AND COMPETENCE

## FROM RAW MATERIAL TO THE FINISHED PRODUCT



Starting from a metal sheet or tube, we cut, bend and weld them according to the pre-arranged project commissioned by the customer; grind them and finish them in every detail, paint them and assemble them, in order to deliver a finished, tested and approved product to the customer.

From the order to the delivery, each phase is accurately managed internally in order to guarantee certain delivery times as well as controlled and verified quality.

Specialized in the manufacture of metalwork products and metal sheet processing, we have a large fleet of advanced machines and also provide a competent technical support to ensure maximum professionalism.

## OUR GROUP

A continuous growth started in 1976 has forged an experienced company with a strong desire for renewal.

A company specialized in the manufacture of industrial machinery.

For over 40 years we have been guaranteeing our customers certified quality, accompanied by professionalism and technological solutions.

We have a production area of over 8500 square meters that employs more than 45 people.

Aware of our social responsibility, we are committed to the implementation of projects that encourage collective involvement and pay attention to the repercussions of production processes on the environment, while trying to minimize the impact through the innovation of procedures and machinery used.

# INDUSTRY 4.0



## LASERTUBE

To overcome traditional production limits and significantly improve our productivity, we have invested in the purchase of the Lasertube LT8, to increase efficiency and flexibility levels. Its innovative software makes it possible to achieve high performance levels and significantly reduce production times and scrap costs. All this translates into higher quality standards.

## AUTOMATIC LOADING AND UNLOADING

The machine allows to use two stations for the automatic loading, respectively one at the front and one at the back, each with a measuring system. The load can be made following two systems: beam or single bar. This allows the simultaneous management of two productions while the delicate handling of the material is guaranteed, in order to avoid damaging it. The unloading takes place through four different positions in order to be able to divide the types of pieces, according to their dimensions.





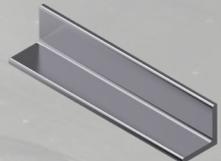
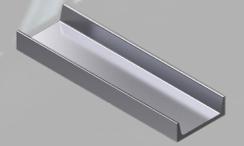
## NOT ONLY TUBE

With Lasertube it is possible to process irregular sections and open profiles.

Since it is equipped with a 3D head, this laser allows to make inclined cuts with a high level of precision.

The choice of introducing this laser system within our business, allows to process tubes of various shapes, including round (from 12 mm to 220 mm), square and rectangular (max. 200x200 mm) with a maximum length of 6500 mm.

Materials such as mild and construction steel, stainless steel and aluminium can therefore be processed, thanks to the laser source power of 3500W.



# 360° SERVICE

## LASER CUTTING

It is a highly effective procedure, a precise technology capable of directing the light's beam on the material through the remote control of a computer.

In this way it is possible to obtain a profile cut in an absolutely accurate way and of excellent quality.

Our laser machines work on double pallets (1500x3000 mm) and are able to cut different materials including stainless steel up to 5 mm and ferrous materials up to 15 mm of thickness.

## FOLDING

We have the possibility to carry out a series of carpentry operations, providing a well-equipped fleet of machines to perform precise processing, including the bending of metal sheets using numerical control machines.

Our machines are able to bend sheets up to 3000 mm in length.

## WELDING

We mainly use manual electric, Tig, Mig and pulsed arc welding, which are techniques that allow to obtain a high and constant quality of the welded part. The procedures comply with the guidelines of the International Institute of Welding (IIW) and the requirements of the UNI EN ISO 9606-1 2013 standard. Biatel also has a domotic area with a robotic welding system.

## MECHANICAL PROCESSING

In our fleet of machines, we benefit from the presence of vertical machining centers with both double pallets and mobile platforms, systems that allow to precisely meet the needs of our customers.

Focusing on lathe processing, we have automatic systems with bar pushers and turrets with motorized tools, which allow finished products to be processed in a single phase, guaranteeing greater quality and reduced cycle times.

# DIFFERENCE IS FOUND IN DETAILS

## PAINTING

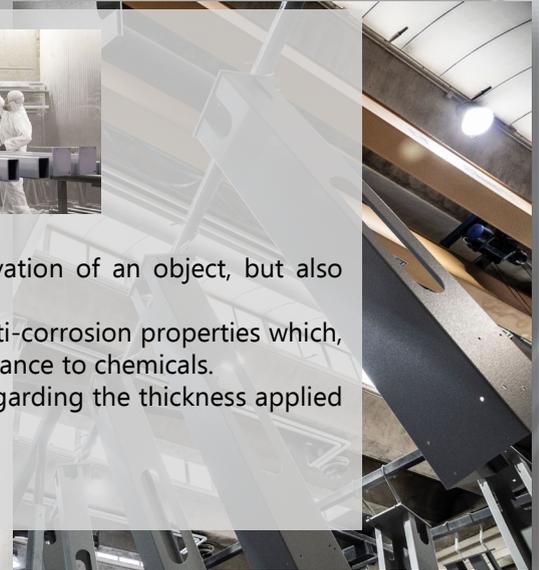
### AESTHETICS AND RESISTANCE

Painting is important not only because it acts as an agent for the preservation of an object, but also because it is a factor of aesthetic enrichment.

We use liquid paint in order to fully coat the item with a layer of film with anti-corrosion properties which, in addition to ensuring a high level of finish to the product, gives a high resistance to chemicals.

This procedure allows to satisfy the most varied requests of the customer regarding the thickness applied and the type of paint.

The result is a resistant product of excellent quality.



## ASSEMBLING

In a dedicated division of our sites, the semi-finished products are subjected to detailed quality control and then assembled.

Providing solutions that meet the needs of the customer while ensuring the professionalism and experience of a technical team is the goal that has always guided us.



## A SERVICE FROM A TO Z

From the order to the delivery, each phase is carefully managed by completing each project within our company. Ensuring the customer delivery times always in line with the requests together with controlled quality is our way of offering turnkey solutions.

# OUR SITES



## Headquarters

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