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industrial standards.

# MANUFACTURING

## -METALFAB-





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# FROM DESIGN TO FINAL DELIVERY

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At **Batiz Control**, we deliver a fully integrated manufacturing service supported by ISO 9001:2015–certified processes. We combine technology, precision, and experience to transform your requirements into components, assemblies and production-ready projects.

From metal cutting and forming to finishing processes, we manage every stage with quality, traceability, and process compliance to ensure reliable and consistent results on every delivery.



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# CERTIFIED QUALITY

Our **ISO 9001:2015** certification validates our commitment to quality and continuous improvement, strengthening our focus on customer satisfaction, operational efficiency, and process control.

It confirms our transparency, responsibility and excellence in every project we deliver; and reinforces our ongoing effort to provide value and high-quality results to every client and partner.



# OUR SOLUTIONS

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## MANUFACTURING PLANT 2

- Laser cutting.
- Press brake bending.
- Welding & assembly.
- Metal fabrication.

## MANUFACTURING PLANT 1

- Shot blasting surface preparation.
- Zirconium chemical pretreatment.
- Powder coating finishing process.



**BCI**

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# LASER CUTTING

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We use high-precision **TRUMPF** laser cutting technology for metal components ranging from 1 mm up to 1" in carbon steel, stainless steel, aluminum, and copper.

Our 1040 (6000 W) and 3030 (4000 W) systems provide excellent speed, accuracy, and consistent edge quality for a wide range of industrial requirements.



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## PRESS BRAKE BENDING

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Our bending service delivers high precision, repeatability, and superior finishing quality using our **Trumpf TruBend 1225** press brake, with a forming capacity of up to 4 meters in length.

This technology allows us to bend complex metal geometries with outstanding accuracy, optimizing production times and ensuring consistent results for industrial projects of any scale.



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## MANUAL WELDING & ASSEMBLY

We provide industrial-grade welding with high standards of precision, repeatability and quality. We operate specialized stations for MIG and TIG processes, managed by certified personnel and aligned with international welding standards.

Our approach ensures strong, reliable, and dimensionally accurate welds appropriate for structural components, machined parts, metal assemblies, and projects that require strict quality control.



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## ROBOTIC WELDING

We integrate advanced robotic welding capabilities with our **TruArc Weld 1000 system** — an automated welding cell designed to deliver uniform bead quality, repeatable cycles, and high productivity for continuous-production components.

This equipment ensures consistent precision, reduced variation, improved delivery times and superior weld quality on demanding applications or high-volume manufacturing projects.



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## METAL FABRICATION

We perform metal fabrication work with high precision and industrial-grade finishing.

We manufacture custom structures, components and metal assemblies using certified processes and specialized equipment to ensure strength, functionality and long-term durability.

Our integrated approach allows us to deliver installation-ready solutions tailored to each project's requirements, meeting the reliability that industrial operations demand.





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# SHOT BLASTING



Our shot-blasting process ensures clean, uniform surfaces prepared to receive any type of coating. Through controlled abrasive blasting, we remove rust, scale, paint, and contaminants, achieving a consistent profile that enhances coating adhesion, extends service life, and elevates the final finish quality.

This service is ideal for metal structures, fabricated components and parts requiring professional surface preparation prior to finishing or painting.



Zirconium pretreatment is an advanced surface preparation process that enhances coating adhesion and significantly improves corrosion resistance. Unlike traditional phosphate systems, zirconium provides a thinner, more uniform, and environmentally friendly layer, reducing water and chemical consumption without compromising performance.

This process ensures more durable finishes, improved metal protection and an ideal base for powder-coating applications, especially in demanding industrial environments.

# ZIRCONIUM PRETREATMENT



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## POWDER COATING

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We apply powder-coat finishes through a controlled process that ensures high durability, corrosion resistance and uniform appearance on metal parts of any geometry.

Our system includes specialized pretreatment, application booth and curing oven to achieve superior adhesion and an industrial-grade aesthetic finish.

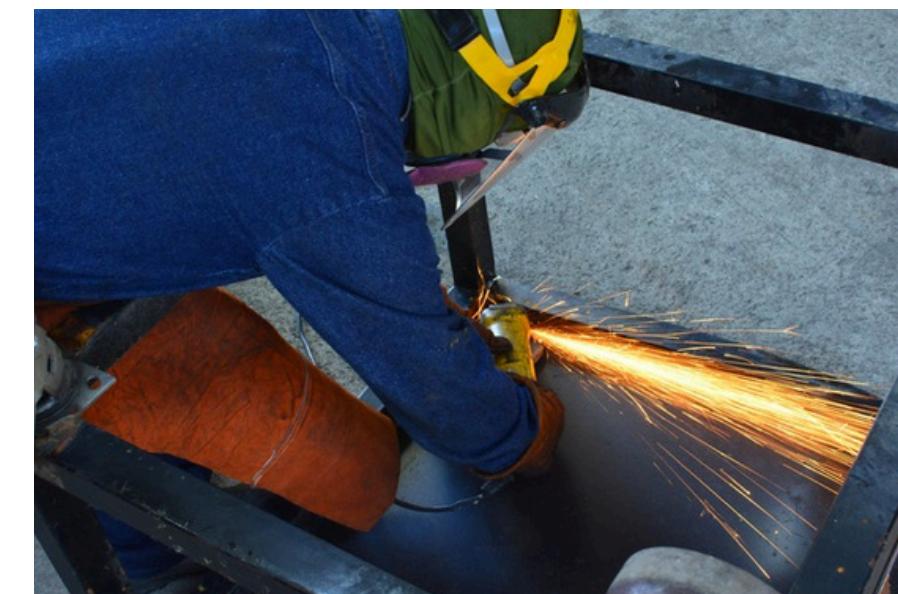
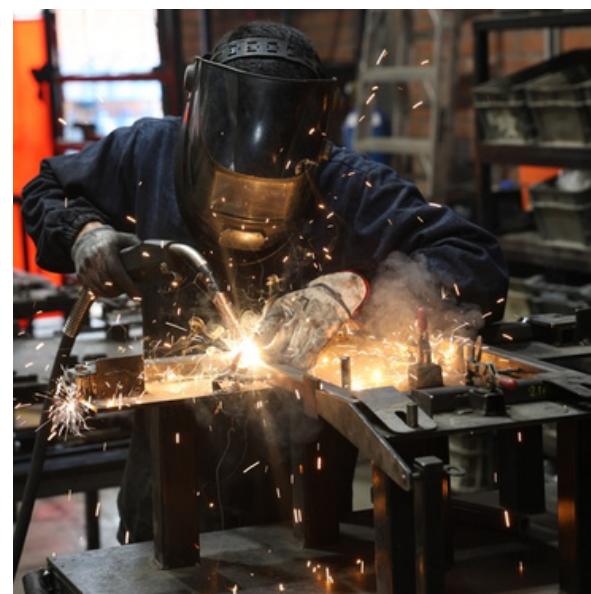
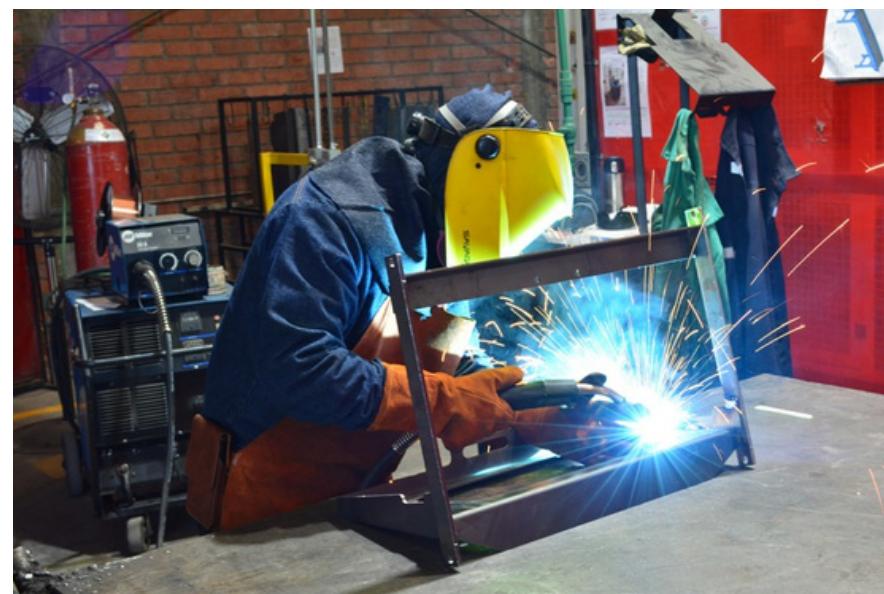
This process is ideal for structural components, industrial equipment, and high-wear parts, offering long-lasting protection and a professional finish on every project.





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# PHOTO GALLERY





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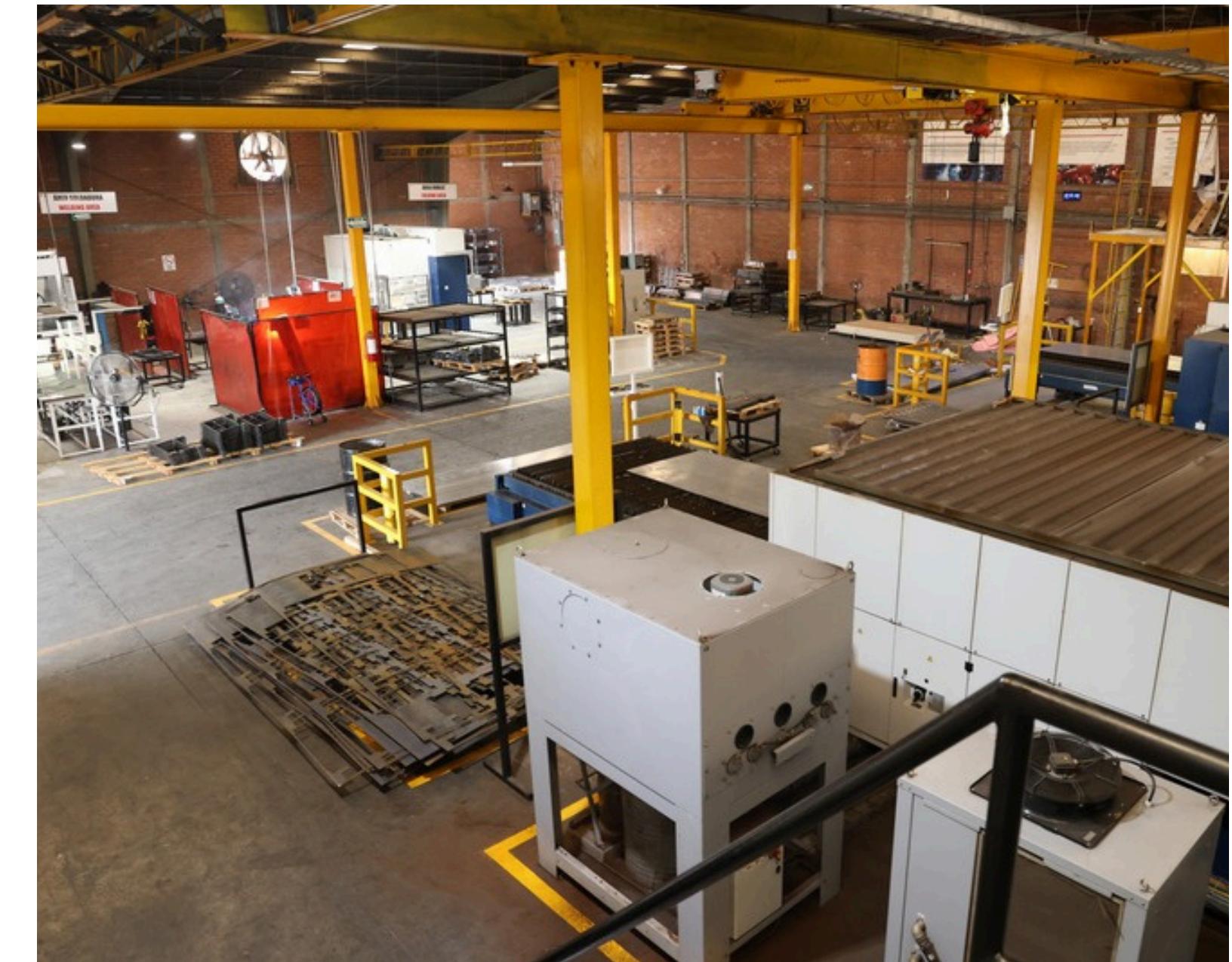
# PHOTO GALLERY





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# PHOTO GALLERY





# LET'S WORK TOGETHER

**JUAN CARLOS BATIZ.**



844-247-7738.



jbatiz@bci.mx



24 de febrero 954, Col. San Ramón. Saltillo, Coah. C.P. 25020.

**Business hours: Monday to Friday, 8:00 AM – 6:00 PM.**