

MEGAJIGS





GET TO KNOW

Our Journey



1986

The first steps of **MEGAJIGS**

2000-2011

Growth, specialization, and expansion

2012

Launch of the **RACK & FIXTURE** Division

TODAY

MEGAJIGS and RACK & FIXTURE





The first steps of MEGAJIGS

1986

In 1977, the company began operations in Monterrey, N.L., focused on the manufacturing of attachments and corrective maintenance of electric motors, using conventional machinery.

In 1986, the company was officially established as MEGAJIGS S.A. de C.V., consolidating its presence in the metal-mechanical industry.

2000-2011

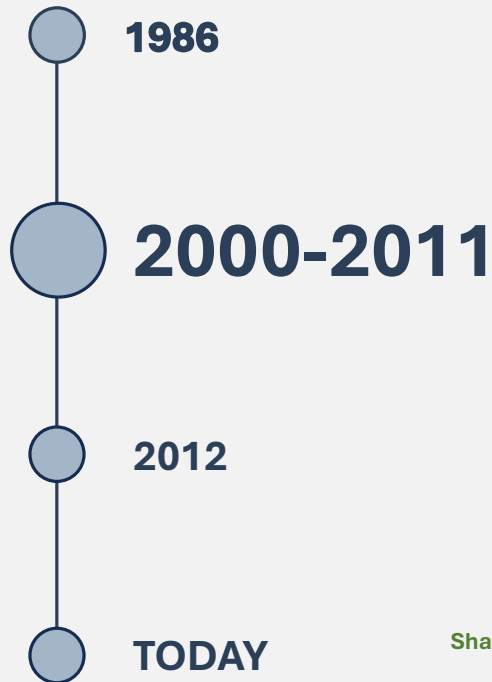
2012

TODAY





Growth, specialization, and expansion

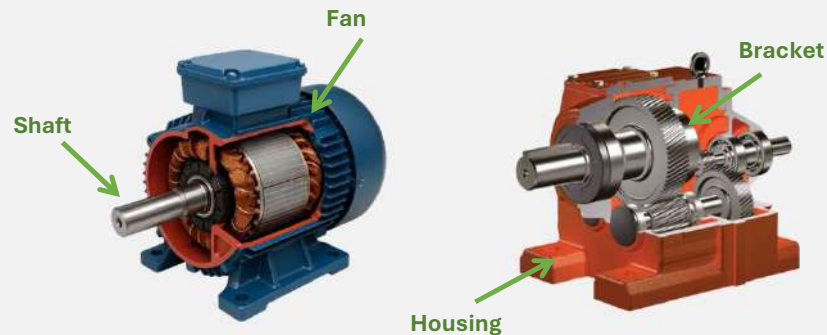


MEGAJIGS strengthened its growth by incorporating new technologies and expanding its production capabilities.

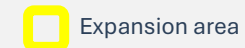
The company consolidated key services:

- Conventional Machining
- CNC Machining
- Specialized Welding

Specializing in mechanical parts for electric motors and gear reducers.



Aerial view of current facilities and expansion area



Current production area
5,000 m²

Projected expansion
1,200 m²
Additional



Launch of the **RACK & FIXTURE** Division



MEGAJIGS drives a new stage of growth with the creation of the **Rack & Fixture** division, a strategic unit designed to support larger-scale industrial projects and provide comprehensive metal solutions.

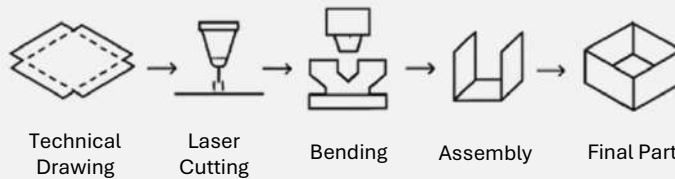
New strategic division focused on:



RACK & FIXTURE

With more than a decade of experience, **RACK & FIXTURE** maintains the same philosophy of **excellence, continuous improvement, and confidentiality**, ensuring the satisfaction of every client.

- 3D Design
- CNC Bending and Rolling
- Metal Structure Fabrication
- Industrial Cutting





MEGAJIGS and RACK & FIXTURE

Both companies form a solid, specialized group that integrates complementary capabilities to deliver comprehensive metal-mechanical solutions to the industry.

More than 39 years growing together!

Today, in 2025, we continue moving forward with the same passion, commitment, and vision that have allowed us to remain strong as a company.



INDUSTRIAL FACILITY PROJECT



3D VISION



TODAY



OUR CULTURE





MISSION

To be one of the top five supplier companies in the metal-mechanical sector within the transmission and rotation components industry in the northern region of the country.



VISION

MEGAJIGS drives advanced manufacturing through 5-axis technology, delivering precision, speed, and specialized solutions in Northeast Mexico.



QUALITY POLICY

We are committed to providing machining services and products for the metal-mechanical industry in transmission and rotation components, meeting or exceeding customer quality standards, offering improved delivery times and competitive pricing through the development of our personnel's skills, continuous improvement of our processes, and our Quality Management System.



QUALITY OBJECTIVES

1. Increase customer satisfaction.
2. Improve delivery times.
3. Reduce the percentage of non-conforming products.
4. Improve personnel competency levels.
5. Improve Management System.

OUR CULTURE





INSPECTION



3D DESIGN



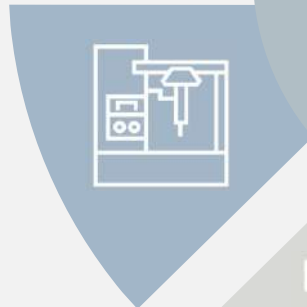
WELDING



INDUSTRIAL CUTTING



INDUSTRIAL SERVICES



CNC MACHINING



CONVENTIONAL MACHINING



CNC BENDING/ROLLING



METAL STRUCTURE FABRICATION

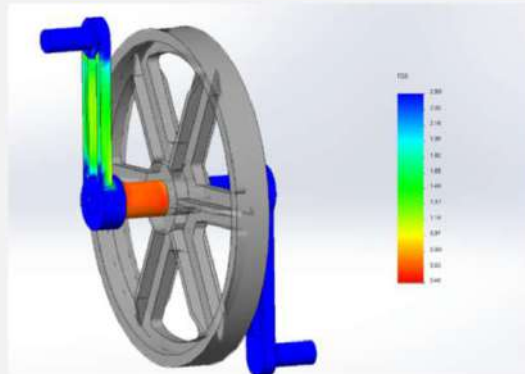
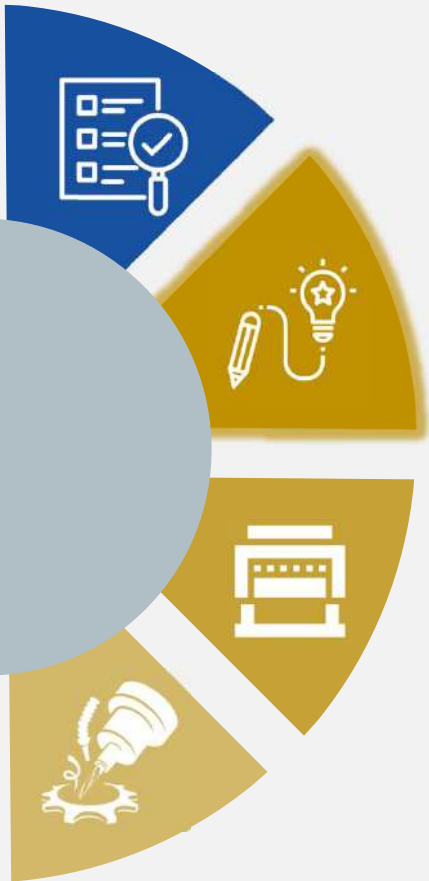




Service **3D DESIGN**

At **MEGAJIGS**, we provide **mechanical and industrial design services**, developing high-precision models and drawings tailored to each client's specific needs.

We use professional design software to **create, simulate, and visualize high-precision mechanical models**, ensuring a perfect fit and optimized processes.



LOAD SIMULATION SOFTWARE

PART MODELING

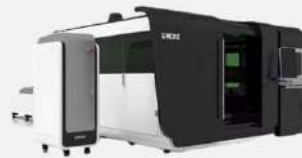




Service **INDUSTRIAL CUTTING**

We are equipped with specialized machinery for **laser cutting, guillotine cutting, band saw cutting, and metalworking services**, allowing us to work with material thicknesses of up to **1 inch** in **carbon steel, stainless steel, and aluminum**, delivering high-quality results.

Our machines ensure **precision, efficiency, and professional finishes** at every stage of the process.



**G. WEIKE
LASER GA3015**

POWER	6000 W
SPEED	120m/min
MAX. THICKNESS	Max. 20mm
WORKING AREA	LENGTH 3050 mm WIDTH 1500 mm



**METALWORKER
GEKA BENDICROP 50**

FORCE	500 KN
THICKNESS	Ø 27 x 15 mm
PUNCHING	(A) Ø 31 x 12 mm (B) Ø 27 x 13 mm



**ROBOT STEEL
HYDRAULIC GUILLOTINE
DIAGONAL BLADE**

CUTTING CAPACITY 8mm x 3100mm



**BEKAMAK
BMSY-270DG**

SPEED	15 – 120m/min.
	∠ -45° → +60°
CUTTING CAPACITY	○ 160 mm → 270 mm □ 190 mm → 270 mm □ 200 x 100 mm → 350 x 220 mm





Service **CONVENTIONAL MACHINING**

We manufacture and adjust parts with **precision and professional finishes** through conventional machining, ideal for **custom machining projects and industrial repairs.**



HORIZONTAL LATHE

CAPACITY 26" swing x 80" between centers



**VERTICAL MILL
VS-550B**

CAPACITY 10" x 52"

More than 20 machines, including:

- Horizontal & Vertical Lathes
- Milling Machines
- Surface Grinders
- Planer Mills

GEAR MANUFACTURING

At **MEGAJIGS**, we have the experience and engineering expertise required for **gear manufacturing**, delivering the geometry, accuracy, and performance your applications demand.

SPUR



HELICAL



RING





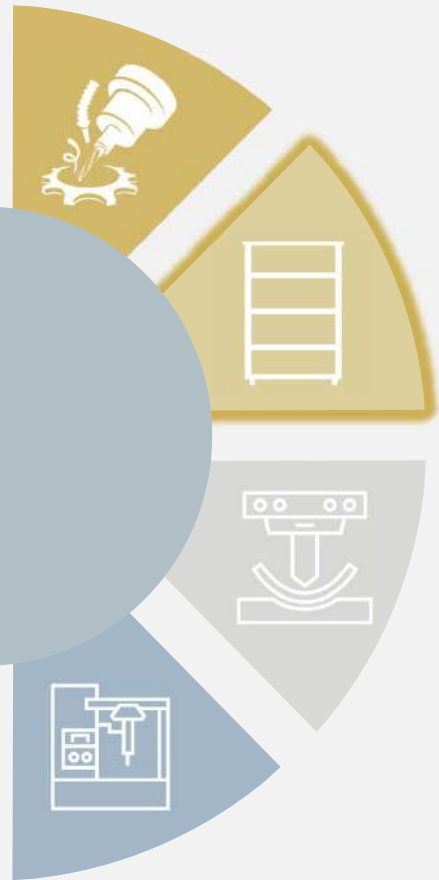
Service **METAL STRUCTURE FABRICATION**

We support your projects from **design through fabrication**, ensuring **efficiency, quality, and reliable results** across a wide range of materials, including **carbon steel, stainless steel, cast iron, aluminum, brass, copper, bronze, nylon**, among others.

We provide **integrated solutions** for the **fabrication and assembly of metal structures**, adding value to your projects through:

- Cutting
- Bending
- Assembly
- Welding
- Painting

Our skilled personnel and proven work processes ensure **strength, functionality, and quality** in every component and structure.





Service **CNC BENDING/ROLLING**

We shape your parts through **precision CNC bending and rolling**, ensuring **uniform curvatures, accurate angles, consistent quality, and high repeatability.**



**TRUMPF
TRUEBEND 1225**

FORCE	2250 kn
LENGTH	4100mm
THICKNESS	Max. 20mm
AXES	4 AXES



**HYDRAULIC PRESS BRAKE
WC6K-100/3200**

LENGTH	3050 mm x 1500 mm
AXES	2 AXES



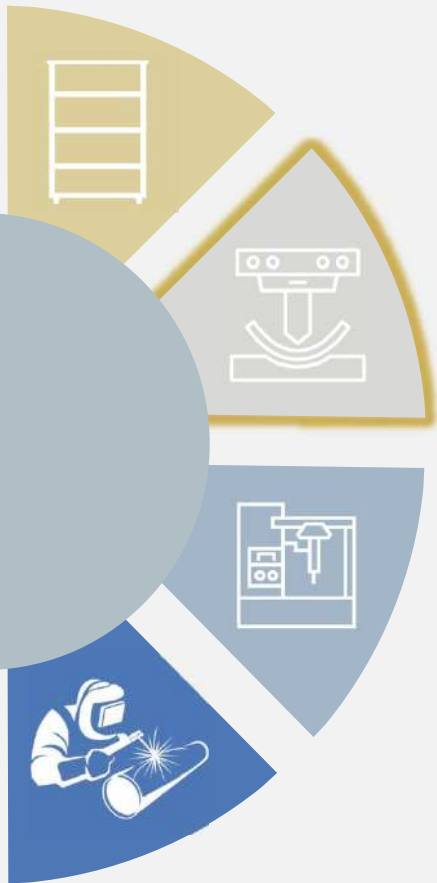
**TECNOCUT
W12CNC-8 x 1500**

MAX. CAPACITY	2250 kn
MAX. WIDTH	1500 mm
MAX. LENGTH	1550 mm
MAX. THICKNESS	12 mm



**METALWORKER
GEKA BENDICROP 50**

FORCE	500 KN
Ø THICKNESS	Ø 27 x 15 mm
PUNCHING	(A) Ø 31 x 12 mm (B) Ø 27 x 13 mm





Service **CNC MACHINING**

We manufacture parts **with high precision and geometric complexity**, using **CNC technology** to ensure accurate dimensions, fine finishes, and efficient production for both **prototypes and series manufacturing**.

We adapt to your **design and functional requirements**, ensuring **quality, high-volume production, and on-time delivery**.

We operate more than 28 high-technology CNC machines.



OKUMA 2SP-V920EX

AXES	3 AXES
MAX. DIAMETER	Ø 36.22"
MAX. LENGTH	33.86"
MAX. TURNING DIAM.	Ø 39.37"
SPINDLE SPEED	20~1250 rpm



KIA SKT-400M

AXES	3 AXES
SPEED	2000 rpm
CAPACITY	22.4" x 47"



MAZAK INTEGREX E-1060V/8 II

AXES	5 AXES
MAX. DIAMETER	1250 mm / 49.21"
MAX. LENGTH	1250 mm / 49.21"
SPINDLE SPEED	10000 rpm



HASS VF9/50

AXES	3 AXES
POWER	22.4 KW
SPINDLE SPEED	7500 rpm
CAPACITY	84" x 40" x 30"



OKUMA V100R

AXES	3 AXES
MAX. DIAMETER	Ø 39.4"
MAX LENGTH	35"
MAX TURNING DIAM. Ø 49.21"	
SPINDLE SPEED	13~1250 rpm





Service **WELDING**

With our specialized team, we provide welding services using different processes such as **MIG/MAG welding, TIG welding, and Laser Welding.** We adapt to the specific needs of each project and material, including **carbon steel, stainless steel, and aluminum.**

Our specialized personnel ensure **strong joints, clean finishes, and high precision,** whether for **fabrication, repair, or assembly of metal components.**



VARIOUS
300/450 amps

Soluciones de Soldadura
para Todo Tipo de Proyecto

We operate a wide range of welding equipment, with **more than 20 different machines ranging from 300 to 450 amps,** allowing us to handle projects with varying capacities and operational requirements.



G-WEIKE
LCW3000

Laser Welding, cutting & Cleaning



CORTE

LIMPIEZA

SOLDADURA LASER

The **3-in-1 laser machine** is an integrated solution designed to optimize industrial processes by combining three essential functions in a single unit: **laser welding, part cleaning, and high-precision cutting.**





Service **INSPECTION**

We ensure the **dimensional quality of your parts** through **CMM measurement** and specialized metrology equipment. Our quality department is staffed **with trained personnel and precision instruments**, ensuring **accuracy, reliability, and full compliance with specifications** in every inspection.



»» Coordinate Measuring Machine (CMM)

»» Granite Surface Plate

»» Vernier Calipers

»» Bore Gage

»» Thread Gauges

»» Optical Comparator

»» Height Gauge

»» Depth Micrometers

»» Telescopic Gauges

»» Ring Gauges



Optical Comparator

STARRETT VB400
Working area: X=200mm
Y=100mm



CMM

BROWN & SHARPE 454
Working area: X=457mm
Y=508mm
Z=406mm



CMM

ZEISS CONTURA
Working area: X=900mm
Y=1600mm
Z=800mm



Quality

PRESETER KAMA UNIKO
Working area: X=400mm
Z=500mm



Measuring Arm

FARO
Scan width: 150mm
Depth of field: 110mm
Max. points per line: 4000



At **MEGAJIGS**, quality is not just a standard — it is part of our essence. Since 2010, we have held **ISO 9001 certification**, validating our processes under the highest quality management standards. In 2021, we renewed our certification **under ISO 9001:2015**, through the accredited certification body **QSR**.

This certification supports our commitment to **continuous improvement, customer satisfaction, and efficiency in every process and project** we develop.

Thanks to our team, technology, and innovation-driven approach, we continue to create reliable solutions that exceed market expectations and strengthen the trust that defines us.



“Quality that transcends”



MEGAJIGS

Certified
Valid from
30/06/2024 to 29/06/27





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