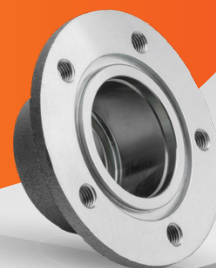




Forjas de Berriz



LEADING SPECIALISTS IN
HOT FORGING

ABOUT US

Forjas de Berriz has over 100 years of experience developing hot forged steel components.

We have modern and sustainable facilities, recently expanded with upgraded machinery, easier access for loading and unloading, as well as the installation of solar panels.

***CONSTANTLY
EVOLVING.
OVER 100
YEARS
FORGING
OUR
TRAJECTORY.***



**OUR
NEW VIDEO**

1914

The company was founded as a manufacturer of parts for agriculture and armory

80s

Start of supply to the Automotive industry and investment in the first mechanical press: 1,600 tons

90s

Acquisition of two mechanical presses of 1,600 tons each

2001

First exclusive Automotive certification

2008

Change of ownership and beginning as an independent company

2013

Development of a new machining department
Acquisition of a 1,600-ton press and investment in new production equipment (disc saw, shot blaster, and cold presses)

2017

First investment in forging simulation software

2018

Investment in a 3,150-ton press and acquisition of a new facility in Iurreta

2019

Robotization of the 3,150-ton press

2020

Implementation of welding robot

2022

Expansion of facilities

2023

Consolidation of Production in a single plant



THE NUMBERS SPEAK FOR THEMSELVES

5

*PRODUCTION LINES WITH PRESSES
UP TO 3150 TONS.*

25_{KG}

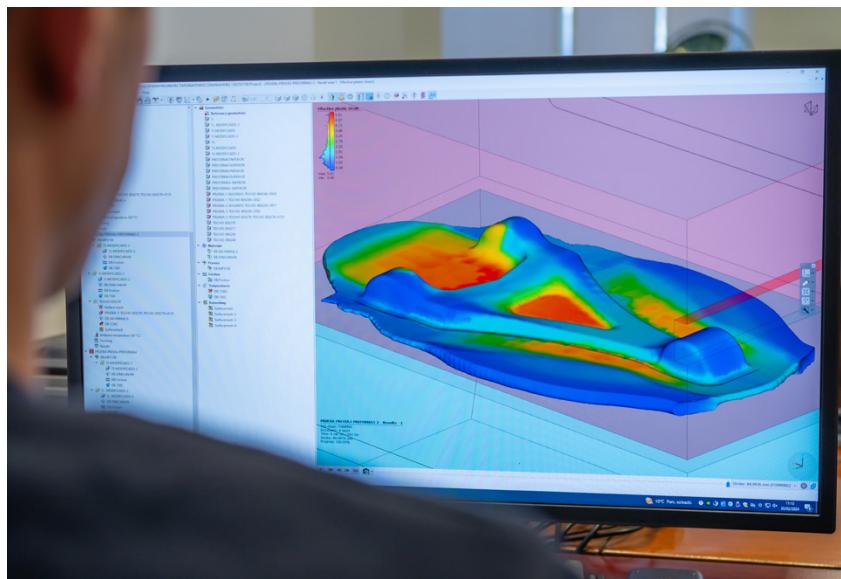
*MANUFACTURING OF FINISHED PARTS WEIGHING
UP TO 25 KG, INCLUDING MACHINING, COATING,
AND ASSEMBLY OF SUBASSEMBLIES*

300 TO 80,000

UNITS IN EACH PRODUCTION SERIES

85%

OF OUR PRODUCT FOR EXPORT



QUALITY



Each of the processes and methodologies followed in our facilities is aimed at achieving our **continuous improvement** goals. This enables us to guarantee **maximum quality** in both the final product and the service.

In this regard, we have a team of **specialists dedicated to the development of hot forged steel components**. Their problem-solving abilities make all the difference.

We combine a refined and proven reliable process with the expertise of our human capital to create teams that deliver products with the **technical and aesthetic qualities** our customers demand.

***THE SOLUTIONS
YOU NEED.***

***THE TEAM THAT
DEVELOPS THEM.***

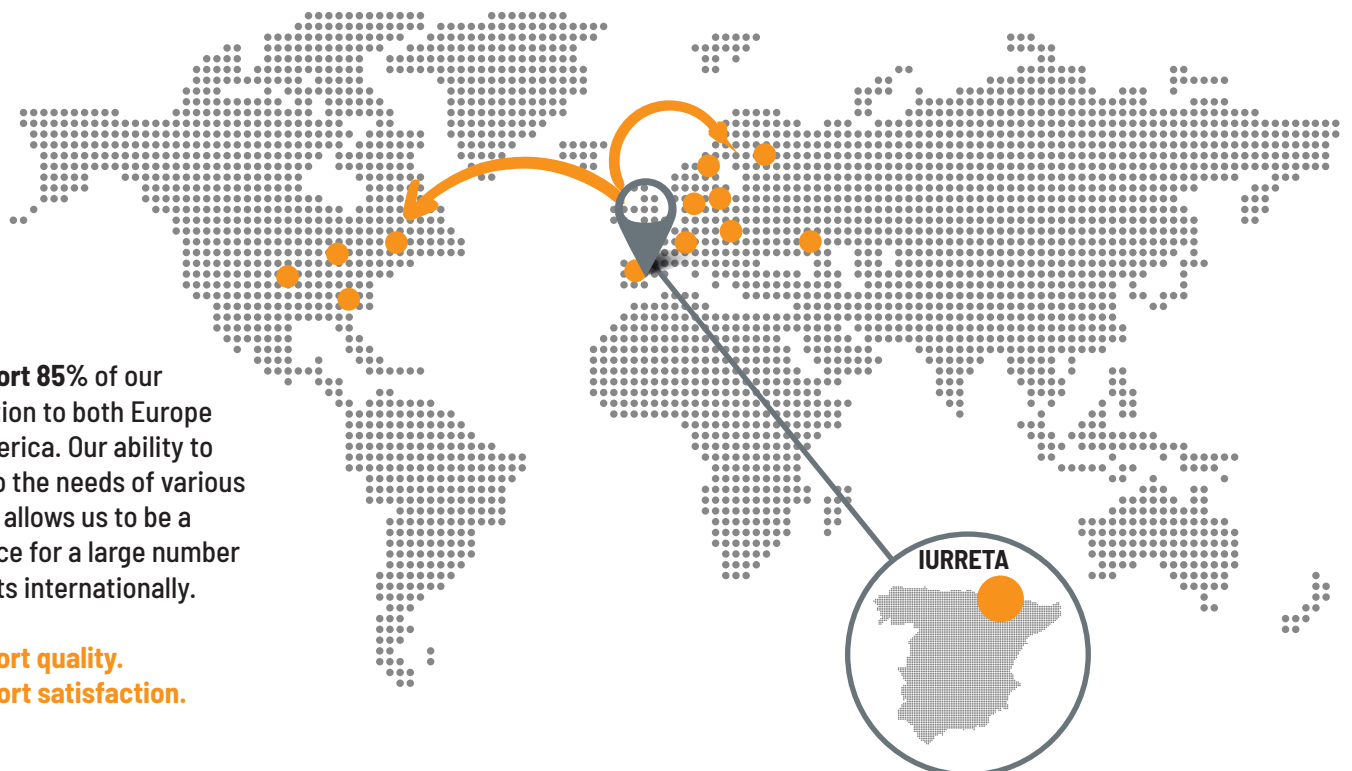
***THE COMMITMENT
THAT ENSURES
QUALITY.***



GLOBAL VISION



NO
LIMITS
NO
BORDERS



We export 85% of our production to both Europe and America. Our ability to adapt to the needs of various sectors allows us to be a reference for a large number of clients internationally.

**We export quality.
We import satisfaction.**

TECHNOLOGY

HOT FORGING

- 1 vertical press line of 3,150 tons
- 4 vertical press lines of 1,600 tons
- Heating in induction furnaces controlled by optical pyrometers
- 3 saws and 1 shear for cold cutting up to Ø120 mm
- Presses up to 600 tons for cold work (calibration, punching, etc.)

CONSTANT UPDATING OF PRODUCTION RESOURCES
AIMED TO ACHIEVE THE MOST PRECISE SOLUTIONS

MACHINING

- Horizontal machining center DOOSAN HP 5100
- DOOSAN PUMA 2600 Lathe
- ZEISS Contura G2 Coordinate Measuring Machine

SPECIALISTS IN OUR PRODUCT AND TRAINED TO
PROMPTLY RESOLVE ANY OCCASIONAL EMERGENCIES

DIEMAKING

- | | |
|---|---|
| <ul style="list-style-type: none">• High-speed machining centers• Forging simulation software• Welding robot• Milling machines | <ul style="list-style-type: none">• Conventional lathes and milling machines• Electrical discharge machining (EDM) equipment• Band saw and drills |
|---|---|



AUTONOMY AND FLEXIBILITY FOR COMPREHENSIVE PROCESS DEVELOPMENT



IN-HOUSE AND OUTSOURCED MACHINING WITH HIGHLY TRUSTED SUPPLIERS



IN-HOUSE DEPARTMENT FOR DESIGN, MANUFACTURING, AND MAINTENANCE OF DIES

SECTORS

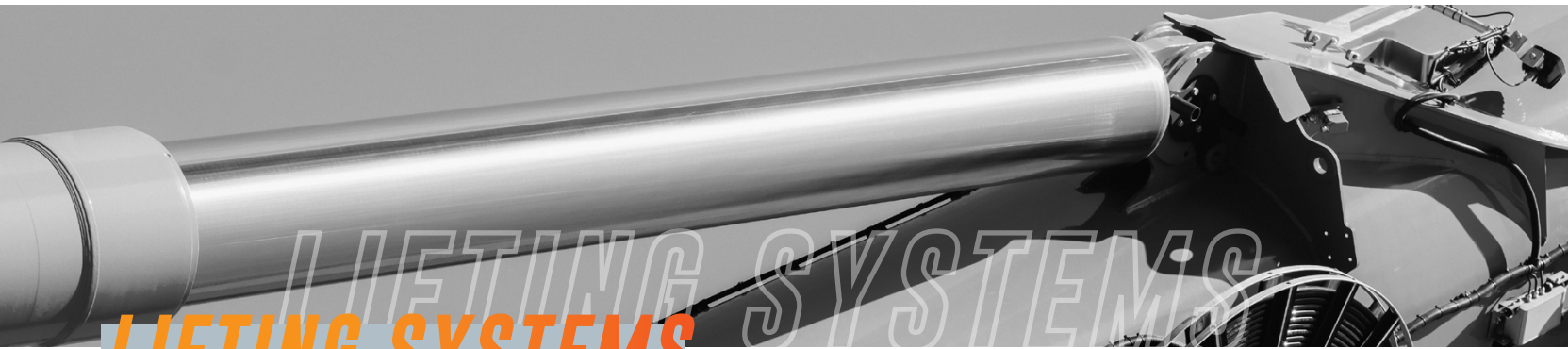


- ▲ Braking systems
- ▲ Fifth wheel and trailer axles



- Steering and suspension ▲
- Engine and gearbox ▲
- Trailer hitches ▲





LIFTING SYSTEMS

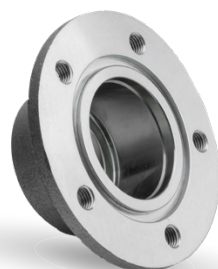
- ▲ Forklift components
- ▲ Hydraulic cylinders



OTHER SECTORS

**PRECISION IN
EVERY PIECE.
PERFECTION
IN EVERY
DETAIL.**

- Construction and public works ▲
- Industrial machinery and agriculture ▲
- Petrochemical industry ▲
- Etc. ▲



MANY Thanks

To our human team, to our clients, and, of course, to the suppliers who are part of the **Forjas de Berriz** family and who have contributed to the development of our new catalog. They are part of the solution.

We evolve with them and thanks to them.



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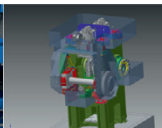
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- Calidad mejorada y consistente
- Gran velocidad de soldadura
- Menor dependencia del trabajo personal físico



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Este Catálogo Interactivo ha sido diseñado y producido por **JS Comunicación**

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10º ANIVERSARIO

MECANIZANDO EL FUTURO DE LA INDUSTRIA

AT MECASOL es una empresa de **mecanizado y soldadura** que ofrece servicios integrales, abarcando desde el mantenimiento industrial hasta la valvulería, incluyendo la réplica y la reparación de piezas bajo muestra o plano.

Servicios y soluciones Llave en mano

- ▶ Tornos hasta Ø1400 x 6100 y Torno CNC Ø870 x 2000 mm
- ▶ Fresado (3000x1000x1200 mm)
- ▶ Rectificado (1200x250 mm)
- ▶ Planeado (Ø1000x500 mm)
- ▶ Soldadura (arco aire, mig/tig)
- ▶ Aportación/Recargue (cobalto, colmonoy, cerámico...)
- ▶ Centros de mecanizado CNC 1500 x 610 x 560 mm
- ▶ Impresión 3D (muestras o prototipos)

mecasol
MECANIZADOS SOLDADURA

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