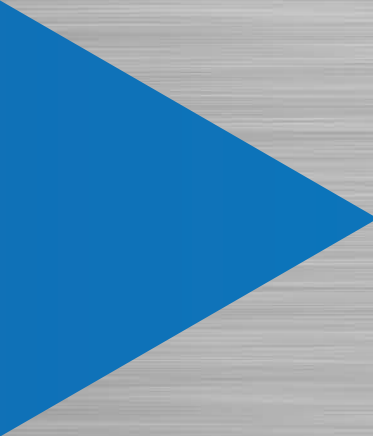




A new “**steel**”
of doing things





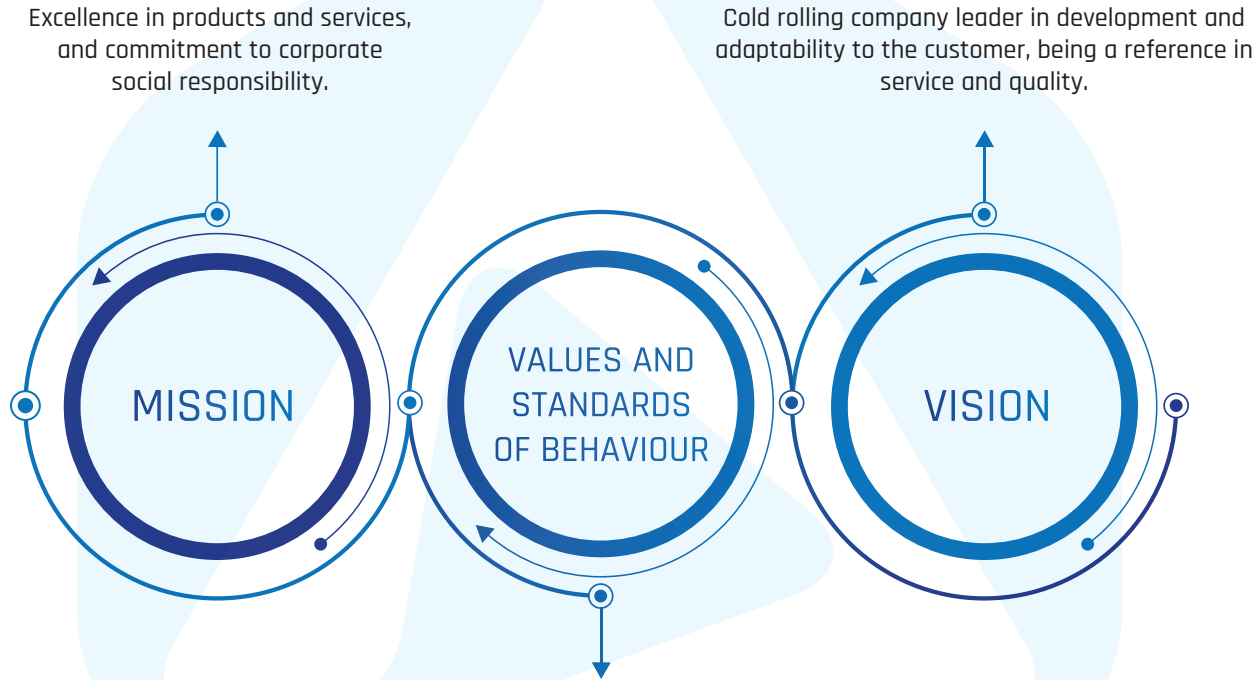


ARANIA S.A. is a family business with more than 75 years of experience in the manufacture of high precision cold rolled steel strip.

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ARANIA is a company expert in integrating the needs of its customers into production and management processes, with the aim of achieving the maximum quality and reliability throughout the value chain. The auxiliary automotive sector, as well as multiple users of steel with the highest technical requirements, benefit from the excellent adaptability of **ARANIA**.





VALUES:

PEOPLE. Safety, Commitment, Development and Participation. ETHICAL AND TRANSPARENT. MANAGEMENT. Honesty SUSTAINABILITY. Respect for the Environment. SOCIAL CONTRIBUTION. Cooperation with our Surroundings.

STANDARDS OF BEHAVIOUR:

Customer focus at all organisational levels. Excellence in our processes, products and service. Innovation and continuous improvement. Focus on international growth.



ORGANISATION

ARANIA has one production plant, located in Amorebieta (Bizkaia)

ACTIVITY

.....
Precision cold rolled steel

PRODUCTION

.....
120.000 mT/year

EMPLOYEES

.....
+ 150 people

PLANT

.....
28.000 m²

INTERNATIONALISATION

Quality and continuous innovation mark the difference in our product.
The international suitability of **ARANIA** is reflected in the high export rates of our production, reaching 65% of the same in recent years.

35%
.....
NATIONAL



65%
.....
EXPORTS

**We sell our products
in more than 30 countries**



ARANIA offers steel with high and low carbon content , as well as high strength low alloy steel. Thicknesses range between 0.2 mm and 8 mm, widths between 14 mm to 800 mm and external diameters between 850 mm and 2000 mm with different surface finishes.

Most of our products are destined for the manufacture of components for the AUTOMOTIVE sector.





LOW
CARBON STEEL

EN 10139

EU standard

Grade	Re (N/mm ²)	Rm (N/mm ²)	Al% (L=80)
DC01 A	-----	270/390	min 28%
DC01 LC	max 280	270/410	min 28%
DC01 C290	200/380	290/430	min 18%
DC01 C340	min 250	340/490	-----
DC01 C390	min 310	390/540	-----
DC01 C440	min 360	440/590	-----
DC01 C490	min 420	490/640	-----
DC01 C590	min 520	590/740	-----
DC01 C690	min 630	min 690	-----
DC03 A	-----	270/370	min 34%
DC03 LC	max 240	270/370	min 34%
DC03 C290	210/355	290/390	min 22%
DC03 C340	min 240	340/440	-----
DC03 C390	min 330	390/490	-----
DC03 C440	min 380	440/540	-----
DC03 C490	min 440		-----
DC03 C590	min 540	min 590	-----
DC04 A	-----	270/350	min 38%
DC04 LC	max 210	270/350	min 38%
DC04 C290	220/325	290/390	min 24%



Grade	Re (N/mm ²)	Rm (N/mm ²)	Al% (L=80)
DC04 C340	min 240	340/440	-----
DC04 C390	min 350	390/490	-----
DC04 C440	min 400	440/540	-----
DC04 C490	min 460	490/590	-----
DC04 C590	min 560	590/690	-----
DC05 LC	max 180	270/330	min 40%
DC06 LC	max 170	270/330	min 38%
DC07 LC	max 150	270/310	min 40%

HIGH
CARBON STEEL

EN 10132

EU standard

EN 10132-2
EU standard

EN 10132-3
EU standard

EN 10132-4
EU standard

Grade	Re (N/mm ²)	Rm (N/mm ²)	Al% (L=80)
C10E	max 345	max 430	min 26%
C15E	max 360	max 450	min 25%
16MnCr5	max 420	max 550	min 21%
17Cr3	max 420	max 550	min 21%
C22E	max 400	max 500	min 22%
C30E	max 420	max 520	min 20%
C35E	max 430	max 540	min 19%
C40E	max 440	max 550	min 18%
C45E	max 455	max 570	min 18%
C50E	max 465	max 580	min 17%
C55E	max 480	max 600	min 17%
C60E	max 495	max 620	min 17%
25Mn4	max 460	max 590	min 20%
25CrMo4	max 440	max 580	min 19%
34CrMo4	max 460	max 600	min 16%
42CrMo4	max 480	max 620	min 15%
C55S	max 480	max 600	min 17%
C60S	max 495	max 620	min 17%
C67S	max 510	max 640	min 16%
C75S	max 510	max 640	min 15%
51CrV4	max 550	max 700	min 13%
C85S	max 670	max 535	min 15%
C90S	max 680	max 545	min 14%
C100S	max 690	max 550	min 13%

HIGH STRENGTH LOW
ALLOY STEEL

EN 10268

EU standard

SURFACE

DIMENSIONS

SPECIAL QUALITIES

Grade	Re (N/mm ²)	Rm (N/mm ²)	AI% (L=80)
HC260 LA	260-330	350-430	min 26%
HC300 LA	300-380	380-480	min 23%
HC340 LA	340-420	410-510	min 21%
HC380 LA	380-480	440-580	min 19%
HC420 LA	420-520	470-600	min 17%
HC460 LA	460-580	510-660	min 13%
HC500 LA	500-620	550-710	min 12%

*Note: Please do not hesitate to contact us if you require information on International Standards

Mirror	Bright	Matt	Rough
< 0,2 µm	< 0,6 µm	0,6 - 1,5 µm	> 1,5 µm
< 8 micro in	< 23 micro in	23 - 59 micro in	> 60 micro in

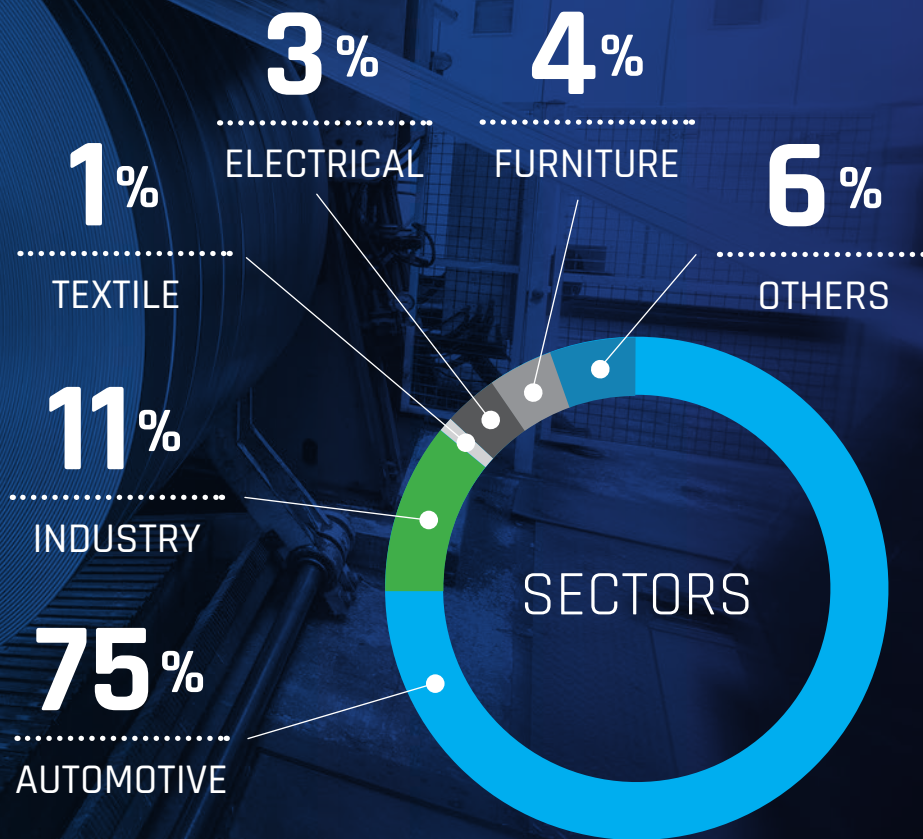
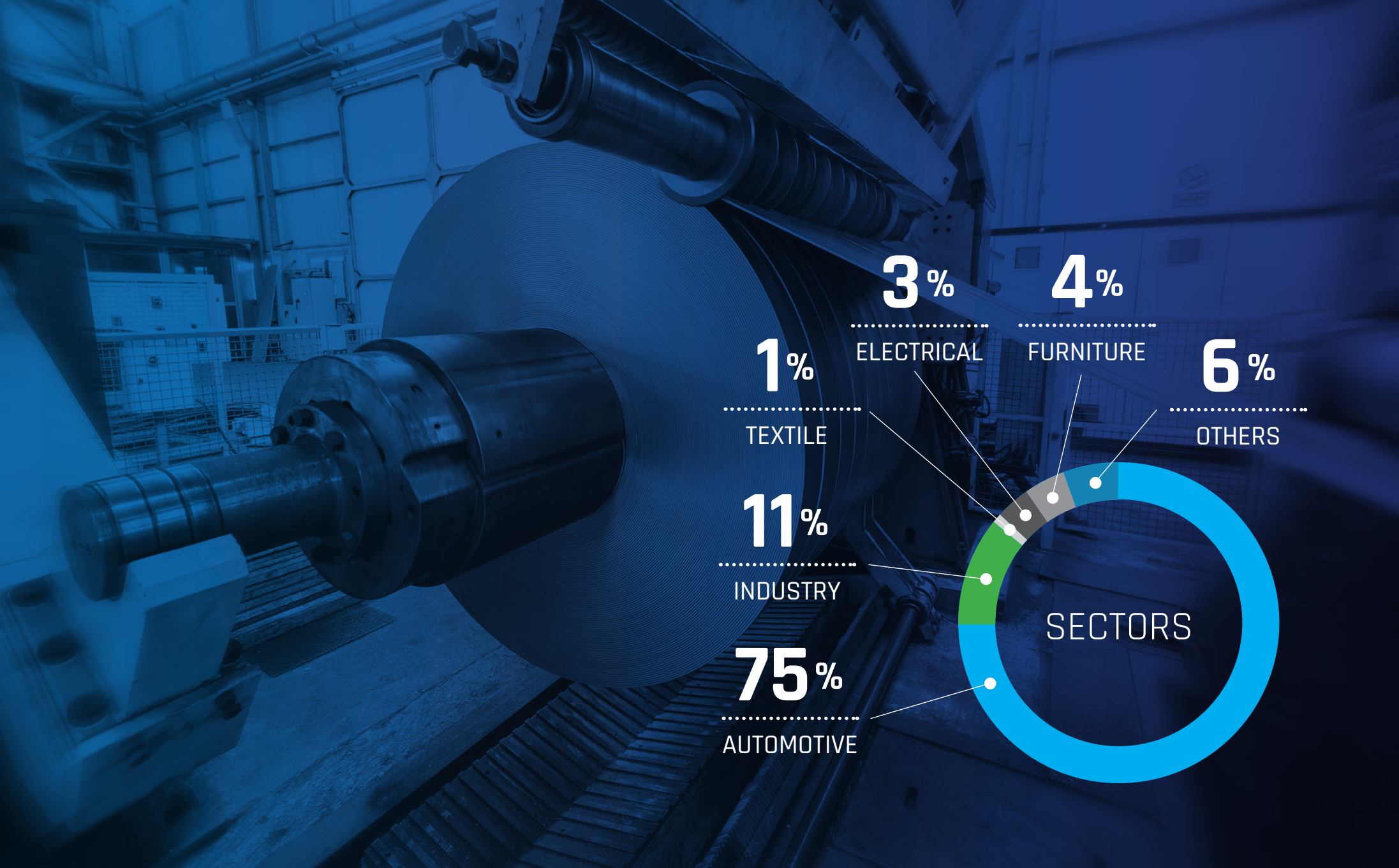
Thickness	Width	Outside Ø
0,20 - 8,00 mm	≤ 800 mm	≤ 2000 mm
Caliber 33 - 1	≤ 31,5"	≤ 78"

Extra high strength low alloy steel and Mn-B alloy steels and other specialty steels, please enquire.



SERVICES

Teamwork at the Commercial Department and technical assistance for customers by **ARANIA** enable the specific needs of each customer to be covered and oriented smoothly and effectively towards the development of new products.





MANUFACTURING

ARANIA has the best facilities, guaranteeing the efficiency of the process and finished product.

Our manufacturing plant in Amorebieta
(Spain) covers **28,000 square metres**





RAW MATERIAL STORAGE

A surface area of **3000 m²** organised by a last generation automated crane. The surface storage area has a capacity of **18,000 mT**, (approximately 800 coils). In addition, we have a integrated software management system running throughout the process.





PICKLING LINE

Descaling through immersion in HCL (hydrochloric acid) utilising a push-pull system. The integrated longitudinal slitting line at the end of the process optimises the lead time (2 steps in 1)

- Maximum width: 1,500 mm
- Minimum width: 800 mm
- Min. thickness: 1 mm
- Max. thickness: 7 mm
- Maximum weight: 25 mT



ROLLING MILLS

We have two reversible Four-Cylinder Mills, with x-ray thickness measurement and laser controlled speed. Our rolling mills are High precision in thickness tolerance, based on the perfect definition of the thickness and velocity measurement systems.

1

- Width: 450 to 750 mm
- Output thickness (min) 0.20 mm
- Maximum input thickness 7.00 mm
- Max exterior Ø: 1,800 mm (18.4 Kg/mm)
- Maximum speed: 1,100 m/min

2

- Width: 450 to 800 mm
- Output thickness (min) 0.90 mm
- Maximum input thickness 9.00 mm
- Max exterior Ø: 2,000 mm (23 Kg/mm)
- Maximum speed: 850 m/min



ANNEALING FURNACES

Our factory has high convection annealing furnaces in a protective atmosphere of Hydrogen (H_2). The high convection system and the hydrogen atmosphere give us high uniformity in the mechanical characteristics of the material, as well as optimal surface cleanliness.

- No. of bases: 22
- No. of furnaces: 12
- No. cooling chambers: 10
- Maximum 65 mT/base

SKIN PASS

A four cylinder Mill, and integrated final gauge measurement using radioisotopes, together with the use of antioxidant thixotropic oils, and the precision surface finish working cylinders guarantee a high quality final product.

- Width: 450 to 750 mm
- Thickness: 0.20 to 6.00 mm
- Max exterior \varnothing 1800 mm (18.4 Kg/mm)
- Max speed: 500 m/min

LABORATORY

Our laboratory is focussed on the needs of our customers: the different product analyses that guarantee the highest quality and, of course, the fulfillment in design specification. **Innovation** maintains us at the leading-edge and enables us to offer technical assistance and join development with our customers.

The **high quality** requirements our customers demand and our commitment to develop high precision products has led us to implement internal management systems in the fields of safety, quality and the environment, backed by the following certifications achieved :

CERTIFICATIONS

OHSAS 18001:2007

ISO 9001:2008

ISO TS 16949:2009

ISO 14001:2004




SLITTING LINES

We have 4 integrated longitudinal cutting lines. The automatic change of the cutting body, the detection and finishing systems of the installations enable a high quality of the final strip, combined with high cutting productivity.

- No. of shears: 4
- Cutting width: 14 - 1,350 mm
- Thicknesses of: 0.20 to 9.00 mm
- Output ext Ø: from 850 to 1,800 mm
- Max speed: 300 m/min





PACKAGING

The packaging line is totally automated and guarantees the highest product quality, along with high productivity and safety, avoiding human handling throughout the process.

LOGISTIC AREA

ARANIA has the latest technology in logistics, handling and control of finished products. The entire process is controlled by software, which allows us to guarantee excellent agility and speed of despatch.

This process results in fast lead times for deliveries to any location.





OUR GROUP



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Founded in 1940

Activity: Rolled steel strips
Production: 120,000 mT/year
Employees: 150 people
Plant: Amorebieta (Spain)

www.araniasa.com



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Founded in 1997

Activity: Welded steel tubes
Production: 100,000 mT/year
Employees: 180 people
Plant: Júndiz (Spain)

www.aratubo.com



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Founded in 1992

Activity: Light load storage
Production: 15,000 mT/year
Employees: 200 people
2 Plants: - Galdácano (Spain)
 - Bytca (Slovakia)

www.ar-shelving.com



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Founded in 2004

Activity: Industrial storage
Production: 60,000 mT/year
Employees: 180 people
Plant: Tudela (Spain)

www.ar-racking.com/en



aranía

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