



INDUSTRY

INDUSTRIE

STRUGAL

CONTENTS

STRUGAL GROUP	STRUGAL GROUP	06
	360° SERVICE	08
	STRUGAL PRESENCE	10
CAPACITY	.....	14
R&D	.....	18
SECTORS	.....	22
MANUFACTURE	PRODUCTION	26
	ALUMINIUM EXTRUSION	28
	POWDER COATING	32
	ANODISING	34
	CUTTING AND MACHINING	36
	WOOD EFFECT DECORATION	38
	THERMAL BREAK	40
	ACCESSORIES	42
	COIL COATING	44
	CUSTOMISED PACKAGING	46
LOGISTICS	.....	50
INDUSTRY 4.0	.....	52
CERTIFIED QUALITY	.....	54
SUSTAINABILITY STRUGAL	.....	56

More than

1.500

PROFESSIONALS

Spread across our headquarters, production sites, sales offices and distribution centres.

For more than fifty years, STRUGAL has been on a continuous growth trajectory. Our national and international expansion has been motivated by a singular aim: to improve the quality and innovation of our projects, as well as yours.

The growth of our factories not only means an increase in production capacity, but also a continuous contribution to the economic development of various regions.

Our commitment has always been to efficiency, because by optimising our processes, we also improve yours.

At STRUGAL we guarantee you exclusive quality results, conceived and brought to fruition just for you.

We wish to continue to grow alongside you.



360° SERVICE

100% PRESENT

We address every stage, from the initial idea to the delivery of the product.

Achieving excellence in the final result involves more than just putting together different components. This is why STRUGAL provides a complete 360° service, taking an active role in and supervising the entire industrial process—from the first moment of inspiration to the delivery of the finished product.

Every step of manufacturing occurs within our facilities, ensuring it carries the STRUGAL seal of quality.

Our commitment is to you, but also to our environment and to sustainable industrial growth that creates opportunities for all.

Working with STRUGAL also means communicating with **a single contact person assigned to your project.** This is because clear and simple communication always makes things easier.

We have established ourselves as a leader both in Spain and globally. Our legacy showcases **our dedication to innovation, quality, and reliability.**



BESPOKE ALUMINIUM EXTRUSION

We offer tailor-made solutions for each project, guaranteeing the exclusivity of our solutions, finishes and textures.



PRODUCTION

360° service: design, extrusion, finishing, machining and distribution.



TECHNICAL CONSULTANCY

Our team of technical specialists in industrial design work hand-in-hand with you to guarantee the results you are looking for.



TECHNICAL CAPACITY

Our extrusion plants and production centres are equipped with the most advanced technology and machinery on the market.



LEAD TIMES

Our capacity and optimised production processes guarantee your delivery, where you need it, when you need it.



QUALITY CONTROL

Our R&D team works closely with the Quality Department to perform rigorous evaluations, ensuring that we fulfill your expectations.

STRUGAL PRESENCE

We are present in over 30 countries with production plants located in Spain and Africa.

We have a large team distributed among 18 work centres, 10 production centres, and an extensive sales network both nationally and internationally to serve you with proximity and dedication.

10 PRODUCTION CENTRES, in-house Technology Centre and international presence

- | | | |
|---------------------------|-------------------|-----------------------|
| ■ STRUGAL SEVILLE | ■ NAZAN ALUMINIUM | ■ STRUGAL GLASS |
| ■ STRUGAL MOROCCO | ■ NAZAN PVC | ■ ALUDOORS |
| ■ STRUGAL SOLAR | ■ NAZAN SOLAR | ■ STRUGAL ACCESSORIES |
| ■ STRUGAL COMPOSITE PANEL | | |

America

Netherlands Antilles - Brazil - Chile - Colombia
Costa Rica - Ecuador - United States French
Guiana - Jamaica - Mexico - Panama - Peru
Dominican Republic - Uruguay

Africa

Algeria - Cameroon - Côte d'Ivoire - Guinea
Equatorial - Morocco - Mauritania - Republic
of Cape Verde - Senegal - Tunisia

Europe

Germany - Austria - Spain - France - Italy
Poland - Portugal - United Kingdom

Asia

United Arab Emirates - South Korea

Oceania

New Caledonia



**We are committed to
helping our customers
reach their goals**

Capacity

64.000 ^{Tn year}
PRODUCTION CAPACITY

We are leaders in the aluminium extrusion industry. Our experience, capacity and track record allow us to make your goals a reality.

We can handle everything from profile extrusion to EPDM manufacturing, plastic injection, recycling, lacquering, anodising, thermal Break, Wood effect, extruded profile machining, polymer extrusion, zamak and aluminium injection casting, manufacturing of accessories, rubbers, polyamides, metal coil stamping... we are more than prepared to face any challenge.

The combination of highly specialised equipment, state-of-the-art technology and machinery allows us to manufacture a wide range of customised products and satisfy even the most demanding requirements.

At STRUGAL, excellence is our standard.

275.000 ^{m²}
PRODUCTION CENTRES

7 ALUMINIUM
EXTRUSION
PRESSES
64,000 t/year

4 WOOD EFFECT
DECORATION
900,000 Bars/year

14 CUTTING
CENTRES

13 MACHINING
CENTRES

4 POWDER
COATING PLANTS
13 million Bars/year
6 million Pieces/year

2 ANODISING
PLANTS
1,7 million Bars/year

4 THERMAL
BREAK LINES
1 million Bars/year

2 AUTOMATED
DISTRIBUTION CENTERS
1 million kg/stock



**Excellence is
our standard**



R&D

+200

SPECIALISED TECHNICIANS

At STRUGAL we believe that only by investing in the most qualified team can we obtain the results we expect.

We have a team of more than 1,500 professionals, with more than 200 specialised technicians including architects, engineers and laboratory technicians, distributed among 10 production plants and 18 work centres.

Our engineering and architecture team, specialised in the development of profiles and customised parts, offers you a permanent technical service. We work in collaboration with each client to optimise time and resources.

In addition, we manage the entire aluminium production cycle, offering fully finished high-value profiles.

Our skilled team works alongside cutting-edge technology, resulting in substantial time and cost savings for your business.

We carry out **customised industrial design** and offer technical assistance and specialised training.



**We offer a tailor-made
solution in all sectors
of industry**

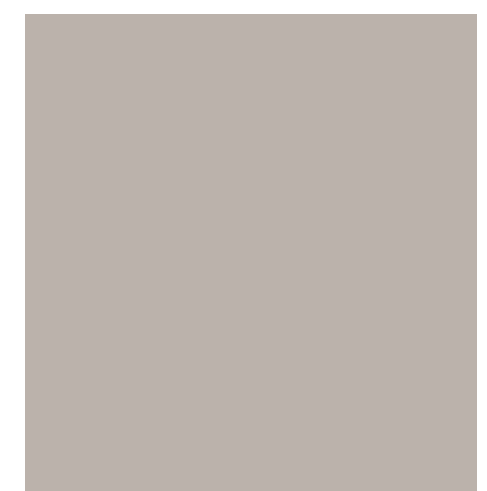
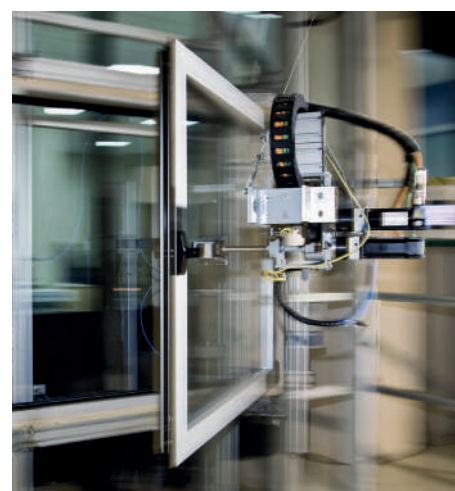
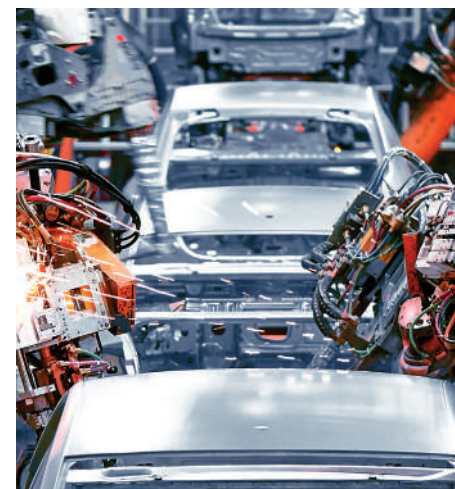
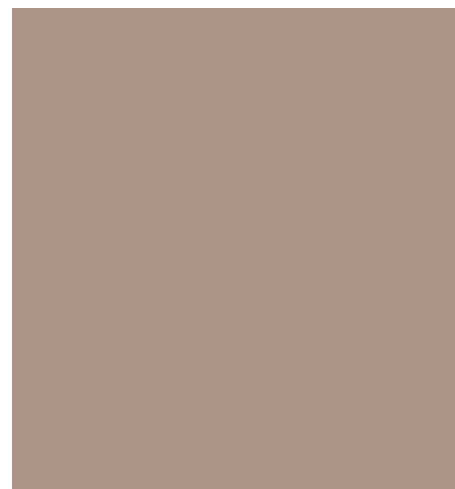
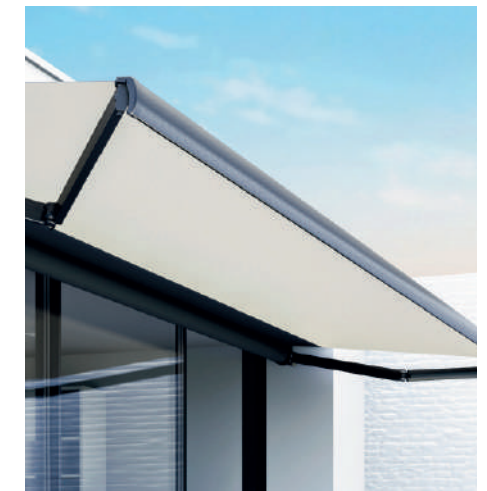
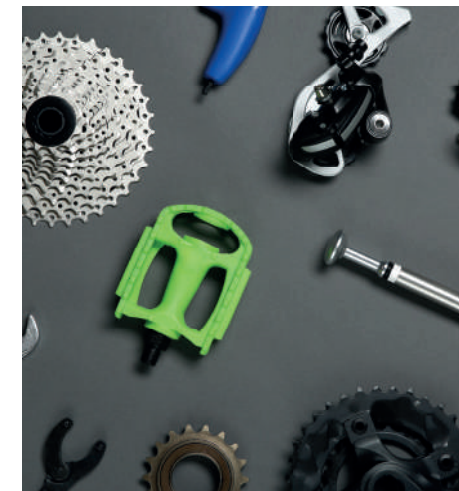
Sectors

Our ability to provide you with specific answers extends to all sectors of industry and any sector requiring the manufacture of profiles and parts.

We cover everything from large industrial projects to more modest initiatives.

-  AUTOMOTIVE
-  ARCHITECTURE
-  AERONAUTICS
-  AIR CONDITIONING
-  COOLING
-  DOMESTIC APPLIANCES
-  ELECTRONICS
-  RENEWABLE ENERGIES
-  INFRASTRUCTURES
-  FURNITURE
-  TRANSPORT

For STRUGAL, every project is unique, and adaptability is the key to success in today's industry.





**Whatever you
need, we make it
happen**

Production

100% STRUGAL

All processes are carried out entirely in-house.

At STRUGAL we are involved in a wide variety of industrial sectors. We design and manufacture from extruded profiles to any part or profile, in different sizes and materials. Our constant investment in technology and state-of-the-art machinery is a great commitment to the present and the future.

You know your needs better than anyone, we know how to materialise your ideas. Our experience and dedication allow us to transform your concepts into tangible realities, adapting to your specifications. From the design phase to the final implementation, we work with you to ensure that every detail is perfect. We don't just want to meet your expectations, we want to exceed them.

Let us be the partner that turns your vision into successful and lasting projects.

Our ability to achieve exactly what you need makes all the difference.
Your satisfaction is key.

Present in every process

ALUMINIUM EXTRUSION

We take aluminium extrusion to new limits. **Overcoming barriers.**

POWDER COATING

Special colours, metallic and textured.

ANODISING

Electro-colouring, electro-grating, matt, gloss and high-gloss.

CUTTING AND MACHINING OF EXTRUDED PROFILE

We mould your ideas. Precision and design in every project.

THERMAL BREAK

Maximum thermal efficiency in all your profiles.

WOOD EFFECT DECORATION

Perfect balance between strength and personalisation.

ACCESSORIES AND CUSTOMISED PARTS

Versatility and functionality in the production of customised parts.

COIL COATING

Durability and weatherproofing with an extensive range of colour and finish options.

CUSTOMISED PACKAGING

Care and guaranteed safety during the transport and delivery process.

ALUMINIUM EXTRUSION



We have achieved a new level in aluminium extrusion.

We take aluminium extrusion to new limits. Overcoming barriers. We know everything there is to know about aluminium, its properties, lightness, corrosion resistance, and recyclability. As a result, we create competitive profiles and components for various industrial sectors.

Our process ensures aluminium of high purity and durability, perfect for any project with a commitment to sustainability and efficiency.

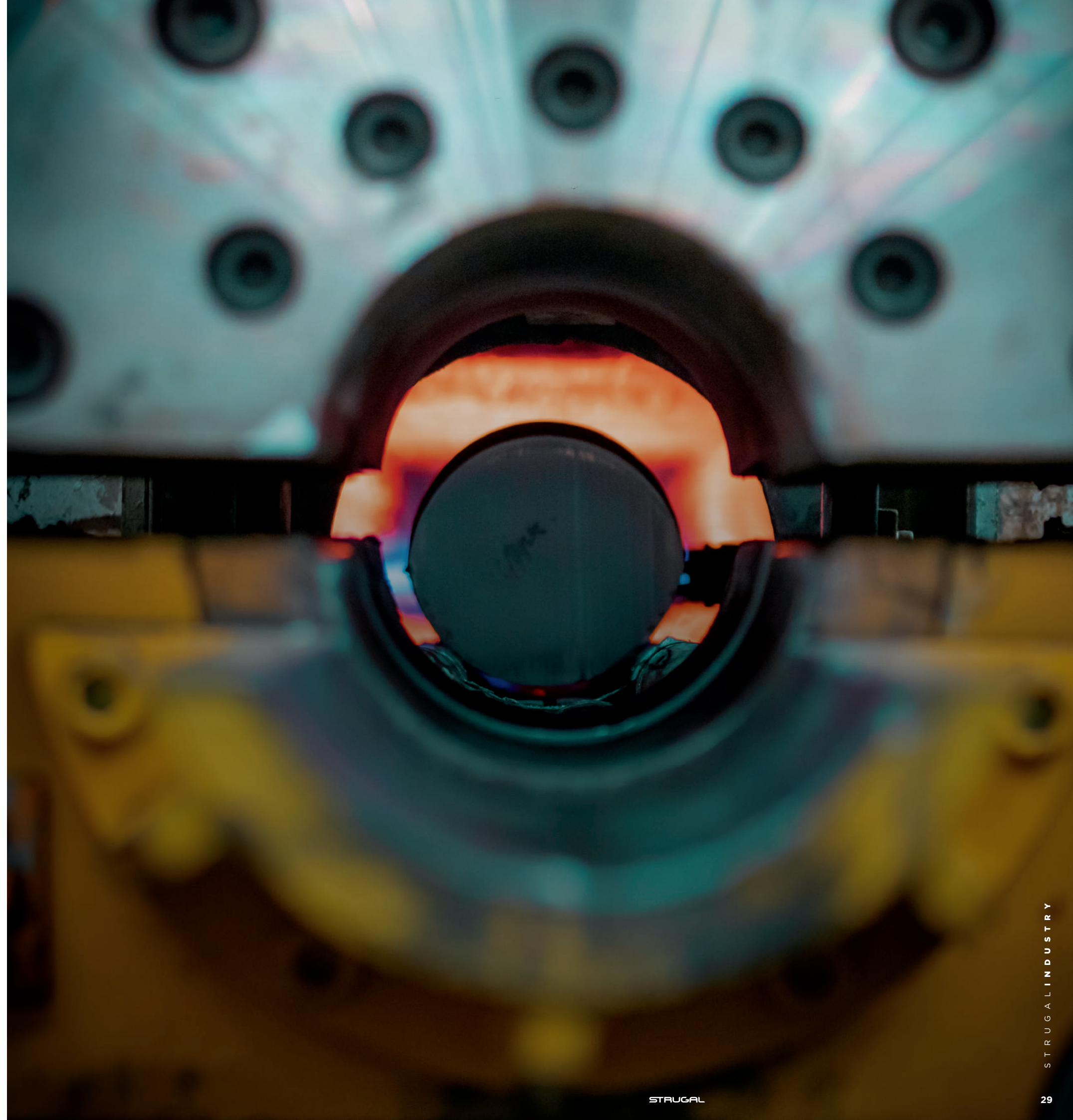
Our high annual production capacity allows us to supply aluminium to a wide range of customers with wildly differing needs. We can offer bespoke solutions to empower any business regardless of its size.

Type:

7 aluminium extrusion presses from 16 MN to 33 MN

Annual production capacity:

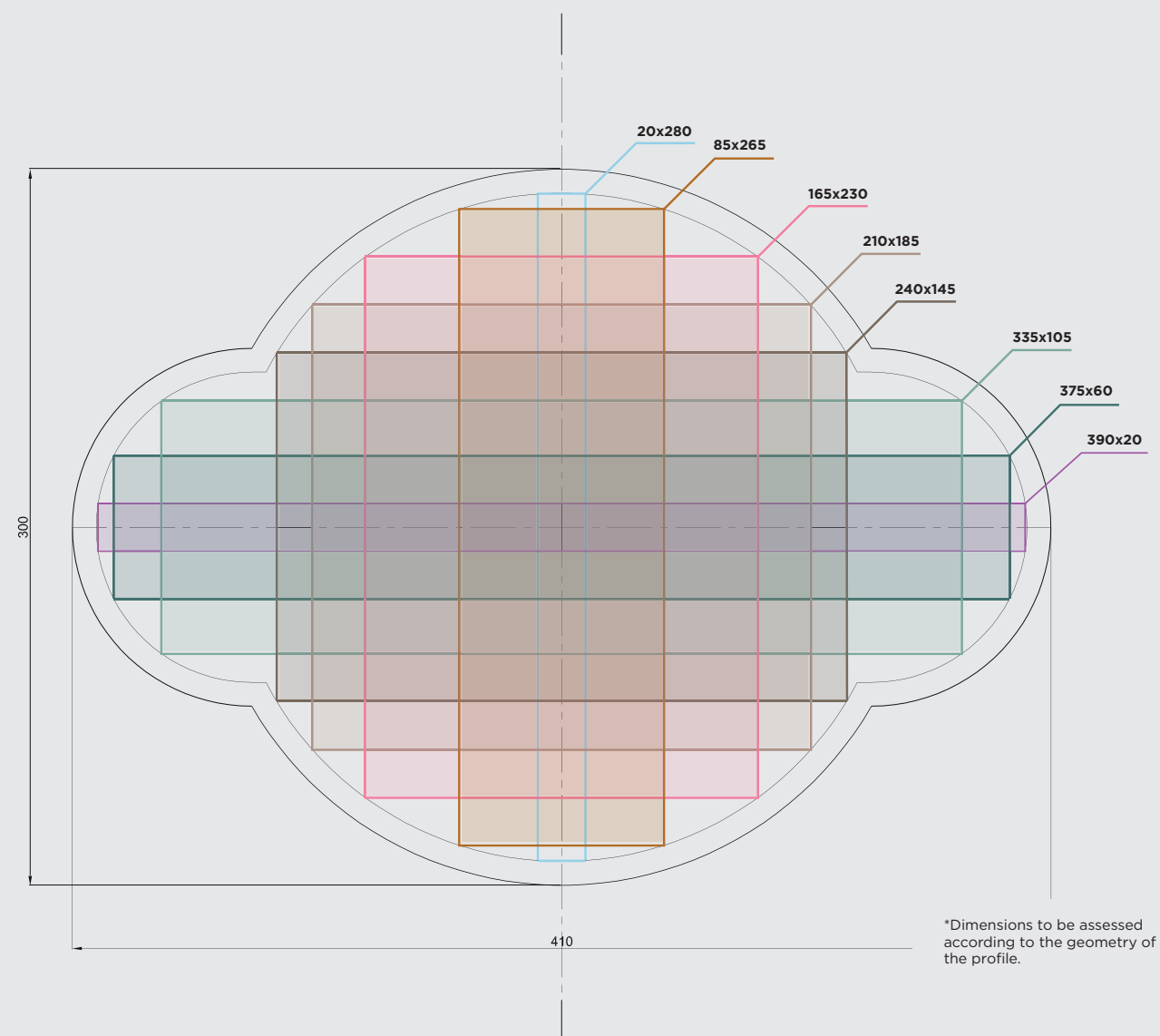
64,000 Tn / year



ALUMINIUM EXTRUSION

Maximum precision and versatility for your projects

DIMENSIONAL DRAWING OF PROFILES



PRESSES

		16 MN	18 MN	22 MN	27 MN	33 MN
PROFILE WEIGHT (Kg/ml)	Minimum	0,07	0,07	0,7	1	1,5
	Maximum	1,8	1,8	5	6,5	8,5
Alloys		6060 | 6063 | 6005 | 6463 | 6061 | 6082 | 6106				
Extrusion plants		7 presses				
Maximum extrusion length		14 m				
Production capacity		64,000 t / year				

Note: Please consult us for heavier profiles.

MINIMUM THICKNESSES (mm)

CIRCUMSCRIBED CIRCLE (mm)		TUBULAR PROFILE			FLAT PROFILE		
		6060 6063	6082	6005	6060 6063	6082	6005
		100	200	300	400	100	200
	100	1,0	2,0	1,5	1,0	1,5	1,3
	200	1,8	2,8	2,2	1,5	2,2	1,8
	300	2,4	3,5	2,9	2,1	2,9	2,4
	400	3,2	4,4	3,8	2,8	3,8	3,2

POWDER COATING



**Our commitment to
exclusivity is absolute.**

Our products are custom designed and available in a wide range of colours and textures, including RAL chart options, NCS chart and special metallic and textured colours.

The durability and aesthetics of our products go hand in hand.

Type:

4 lacquering plants:

- 3 for vertical lacquering
- 1 for horizontal lacquering

Production capacity:

13 million Profiles/year
6 million Pieces/year

Powder coating length:

Maximum: 7,500 mm
Minimum: 4,000 mm

Diameter: maximum dimensions:
200 x 250 x 7,500 mm

Finishes:

Glossy - Matt - Textured

A wide range of colours:

RAL Chart - NCS Chart Special
Colours Metallic - Textured



ANODISING



electrocoloration

Shot blasting - High
gloss shot blasting - Shine.

Anodising on aluminium profiles **improves corrosion resistance, product lifespan, maintenance and adhesion. All of this is carried out safely, with respect for the environment.**

Type:

2 anodising plants:

Annual production capacity:

1,700,000 Profiles/year

Maximum anodised length:

7,000 mm

Colours: Electrocolouring

Gold - Stainless steel - Bronze

Silver - Black

Anode layer:

Up to 25 microns

Physical treatment:

Burnished - Matt - High gloss - Shine

CUTTING AND MACHINING

Aluminium profile



We shape your ideas.



**Precision and design
in every project.**

Cutting lines, clipping,
pantographs, etc.

Tipología:

- 1 5-axis double-head cutting line
- 1 automatic cutting line
- 1 CNC long 3-axis workpiece
- 1 CNC long 5-axis workpiece
- 1 5-axis small part CNC
- 1 Clipped centre
- 1 Mat insertion line
- 2 Lamination lines

CUTTING

Length:

Maximum 10,530 mm | Minimum 5* mm
Width: 500** mm | Height: 150** mm

MACHINING

Length:

Maximum 12,600 mm | Minimum 5*mm
Width: 550 mm | Height: 350 mm

*Ultra-short from 0 mm in increments.

** Please consult us concerning specific profile shapes
and cutting grades.



WOOD EFFECT DECORATION



Perfect balance between
resilience and customisation.

Wood effect decoration on aluminium beads offers new aesthetic possibilities. Our goal is clear – if you can imagine it, we can create it.

This option brings more customisation and durability to your projects.

This process enhances the appearance of aluminium profiles, making them an ideal choice for structures for which a neat yet strong aesthetic is sought. Functionality does not have to conflict with beauty.

Type:

4 wood effect finish plants

Production capacity:

9,000,000 Profiles/year

Length:

Maximum 7.000 mm

Minimum 4.000 mm

Width:

200 mm

High:

150 mm

Finishes*:

Ember / Oak / Sapelly / Pine Walnut
/ Teak / Wengue

*We adapt to the client's needs.

THERMAL BREAK



Maximum thermal efficiency
in all your profiles.

Maximum thermal efficiency in all your profiles. Thermal breaks are a key innovation in the design of aluminium profiles for industrial applications, significantly improving the energy performance of structures and buildings. This technological advance involves the insertion of an insulating material between the inner and outer layers of the aluminium profile, drastically reducing heat transfer and eliminating thermal bridges. As a result, higher energy efficiency, reduced condensation, and superior interior thermal comfort are achieved.

Thermally break profiles are ideal for sustainable construction, providing not only long-term economic benefits but also contributing to environmental protection.

Greater comfort and energy savings, providing added value to your projects.

Type:

4 assembly lines

Production capacity:

1,000,000 Profiles/year

Length: 7.000 mm

Width: 240 mm

High: 230 mm





ACCESSORIES

Customised manufacturing



Versatility, functionality
and specialisation of
customised parts.

What do you need? We can do it.

We specialise in the manufacture of accessories and customised small parts, made of various materials such as aluminium, metal, zamak, brass and steel.

At the same time, we are experts in the manufacture of products using extrusion processes, plastic injection moulding, aluminium and zamak die casting, metal stamping and profile machining.

If you are looking for quality, we employ exhaustive control checks to guarantee it. Constant supervision and control.

Type:

- 5 5-axis small part CNC
- 1 6-axis long part CNC
- 2 small part cutting lines
- 6 small workpiece machining centres
- 5 automated vibrating lines
- 6 robotic grinding and polishing cells

Production capacity:

- 100 million polyamides | annually 80 million joints | annually
- 200 thousand hardware components | daily

COIL COATING



Precise and personalised aesthetics.



Protection system against corrosion.

Our products feature a robust corrosion protection system.

We work with continuous painted aluminium sheets to form coils, shafts and sheets that can be up to 2,05 m wide. This allows us to offer a wide range of possibilities for various industrial and construction applications.

Production capacity:

5 million m²
composite panel annually

Coils:

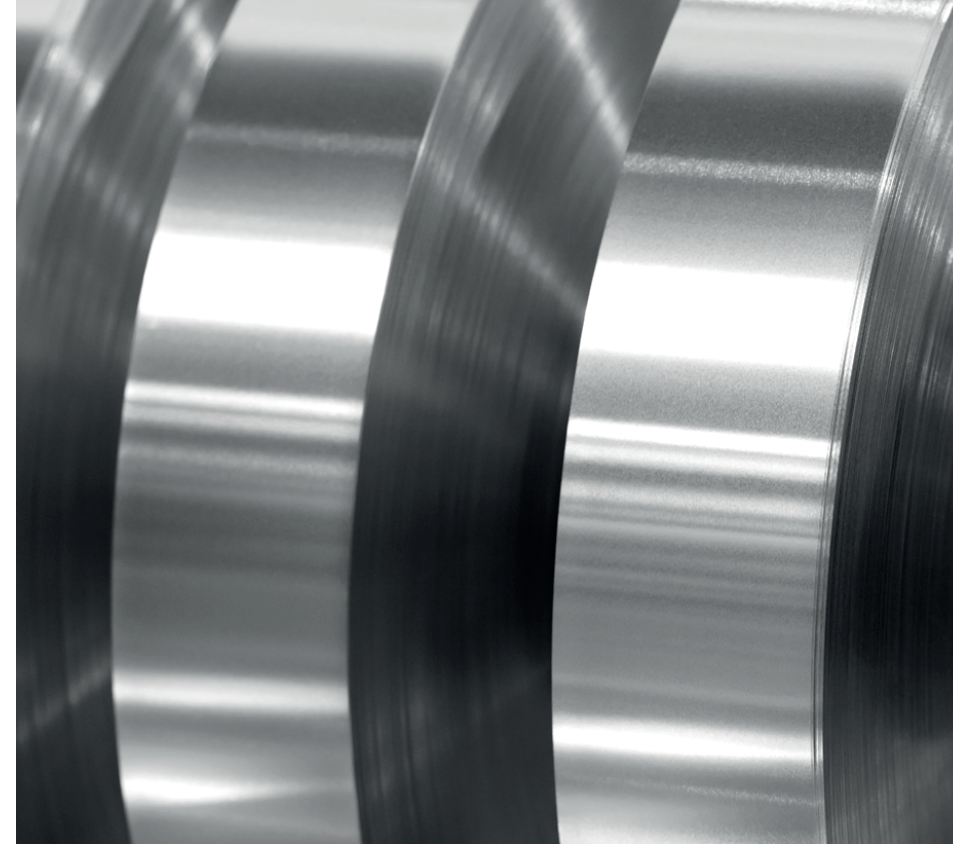
Thickness: 0,2 - 2 mm
Width: 60 - 2,050 mm

Strapping:

Thickness: 0,2 - 2 mm
Width: 60 - 800 mm

Sheet:

Thickness: 0,2 - 2 mm
Width: 800 - 2,000 mm
Length: 1,000 - 4,000 mm





CUSTOMISED PACKAGING



A guarantee of safety and
excellence for your products.

In our factories, customised packaging is a top priority. Each product receives unique treatment, guaranteeing its safety and protection during transport. Tell us your needs and we will design the shipment accordingly.

Human care, the highest quality materials and the most innovative logistics software allow us to monitor your products in real time.

Your goods arrive at their destination in perfect condition.

Type:

- Plastication
- Shrink-wrapping
- Cardboard Box
- Ues
- Palletised

Production capacity:
2,650,000 Bars/year

Wherever you need
us, we're there

Logistics

16

LOGISTICS CENTRES
Spain and Portugal

+50

PROPRIETARY VEHICLES

Our extensive and strong logistics network is the last link in the chain, offering our customers a comprehensive service.

We have more than 16 distribution centres, together with a wide range of trucks and an intelligent storage system to guarantee commitment and compliance with deadlines when delivering goods.

Quality is the basis, but **meeting deadlines is essential.**



Industry 4.0



Monitored
control system.



Logistics management software
for cargo control and customised
delivery.



Real-time monitoring
at each stage of production.

INDUSTRY 4.0 is a new concept in the integration of advanced technology in all stages of our production processes.

Our automated systems guarantee accurate and reliable traceability. High efficiency at all times.

The digitalisation of each stage of the production cycle enables us to foresee, detect and rigorously correct possible faults and increase our efficiency, improving the quality of our production both in the end product and in all the manufacturing phases.

We optimise every step of the manufacturing process, resulting in a more competitive end product.

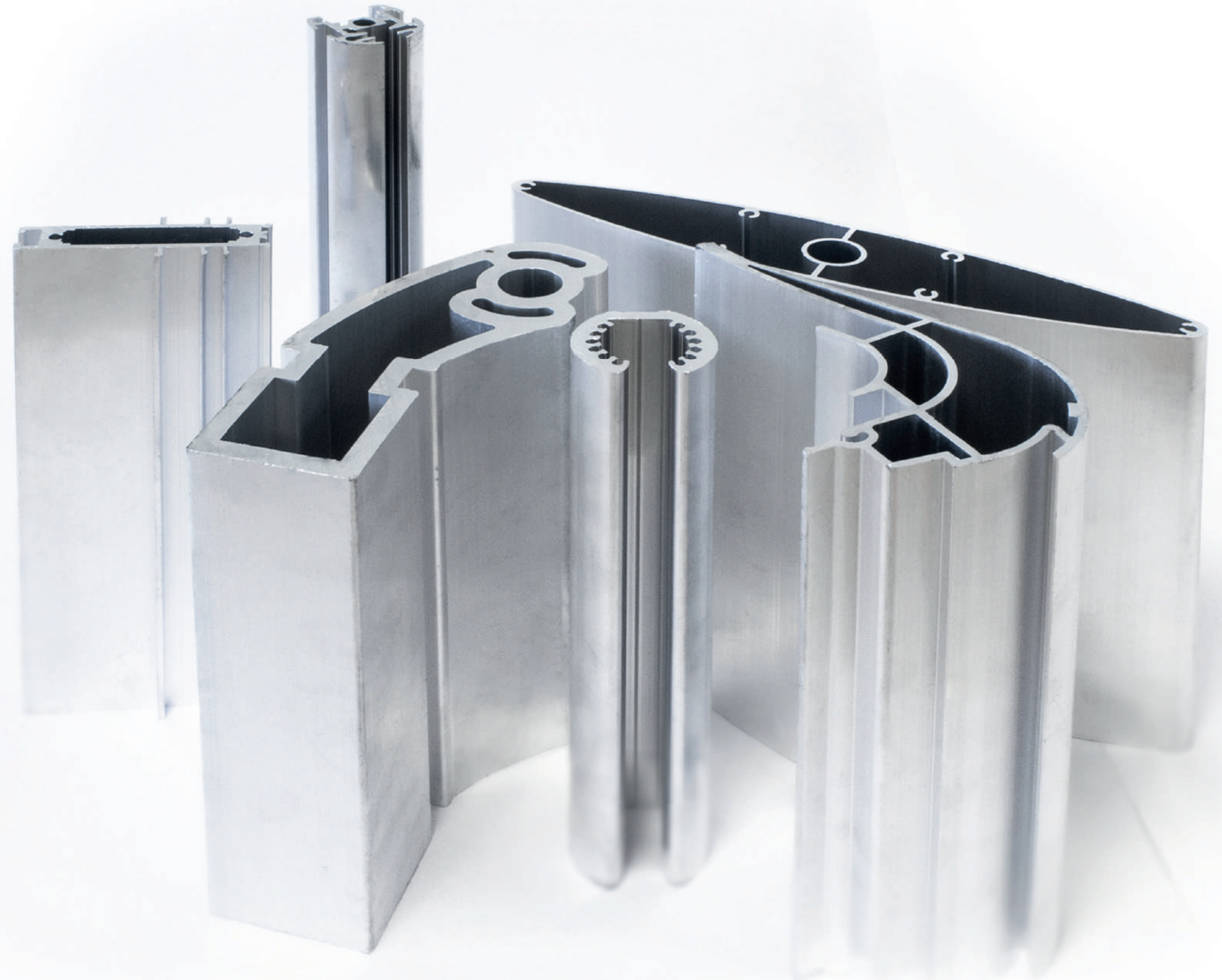
We are at the forefront of technology, consolidating our leadership in the aluminium sector.

Certified quality

We are very self-demanding. We work with a vision of excellence, quality and high performance. We carry out research processes in our own testing laboratories and certify our solutions in addition to external accredited bodies.

We base our quality management system on full traceability of our raw materials, and on constant review and improvement of our operations.

We bring a new meaning to the concept of quality. Sustainable. Proven. Traceable. **The basis and, at the same time, the ultimate goal of our work.**





Sustainable STRUGAL

A strong
commitment to
the environment
around us

Almost all aluminium products can, from a technical and economic point of view, be recycled repeatedly to produce new products without the metal losing its characteristics and properties. We promote a circular economy in order to minimise the environmental impact of our work.

The use of recycled aluminium for the production of a new aluminium ingot reduces energy consumption by 95%, all without generating waste.

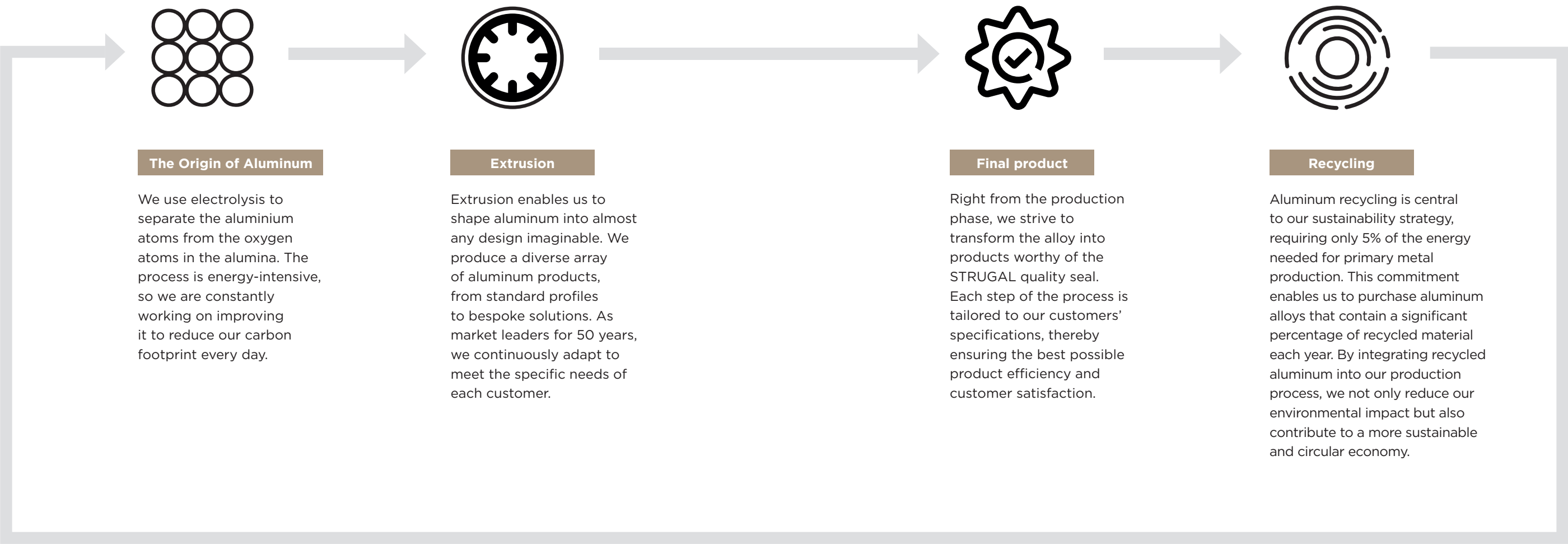
At STRUGAL we have agreements with aluminium recycling plants, which allows us to market EVERPURE — our range of aluminium with a reduced environmental impact.

Our production centres are equipped with purification stations that minimise the impact of waste water in the lacquering and anodising processes. We are also Bureau Veritas 14001 certified for our management systems and for the sale of aluminium profiles.

Energy saving and the use of sustainable materials are a clear objective within our company.

ALUMINIUM

Sustainability and versatility without limits



Life cycle

At STRUGAL, we control the entire aluminium life cycle, from production to the final product. Characterised by its recyclability and infinitely reusable nature, **aluminium is converted into 100% recycled products, ensuring maximum quality and sustainability at every stage.**

STRUGAL

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