

BOAL
EXTRUSION

We shape

ALUMINIUM

you shape the future!



FAST.RELIABLE.TRUSTED.
Since 1974



BOAL
EXTRUSION

FROM IDEA TO PROFILE TOGETHER WE MAKE IT HAPPEN!

Every project is unique, which is why it's invaluable to rely on a dedicated team of technical specialists with extensive experience. From our production plant in De Lier (Netherlands), we have been passionately developing smart, sustainable and lightweight aluminium profile solutions since the 1970s - solutions that fit seamlessly with our customers' applications, and perhaps soon with yours as well.

A profile that moves your project forward

Through close collaboration, our experts translate your ideas into manufacturable solutions and precisely extrude the profile that drives your project ahead. The result is a solution that is not only technically sound, but fully aligned with your application, planning and ambitions.

We produce profiles with a wide range of properties, suitable for any application - including yours. Think of profile weights from 150 g/m to 16 kg/m, lengths up to 16 metres and press diameters of 7, 8 and 9 inches.

In short: when you choose BOAL Extrusion, you're not just choosing a supplier. You're choosing a partner who, in addition to high-quality extruded aluminium, also provides...

- ...in-house profile design support

- ...takes care of in-house die development, maintenance and storage

- ...provides customised processing such as laser cutting, sawing, drilling, punching, bending, anodising, powder coating, and more;

- ...provides customised packaging and ensures reliable delivery.

BOAL Extrusion - Aluminium that works for your design.

We get the most out of

ALUMINIUM.



BOAL
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CUSTOM SOLUTIONS DEMAND CRAFTSMANSHIP

Custom aluminium profiles offer exceptional design freedom. They make it possible to build more efficiently, integrate functions and enhance performance. With more than 50 years of experience in extrusion and machining, we deliver profiles that match the technical requirements of your application precisely - functional, reliable and engineered with attention to every detail.

When your design requires specific geometries, tolerances or functionalities, we create the profile that makes it possible. With the right alloy, a carefully engineered die and a controlled extrusion process, we create a profile solution that is technically sound and ready for production.

WHY CUSTOM EXTRUSION

Custom extrusion is the ideal choice when you need a profile that offers more than a standard solution. It allows for integrated functions, material savings and a more efficient production process.

✓ Extensive design freedom

With alloys such as 6060, 6063, 6005A and 6082, we produce profiles with a wide range of properties. Think of integrated screw channels, rubber chambers, bolt chambers, snap-fit connections or other functional shapes that strengthen your design.

✓ Efficiency in production

Aluminium is lightweight, strong and corrosion-resistant. It requires less post-processing than steel and makes it possible to combine multiple functions in a single profile, speeding up assembly and reducing costs.

✓ Durable and versatile

Aluminium is fully recyclable and suitable for a wide variety of sectors - from building & construction to solar, transport, electra and horticulture. It combines low weight with high performance and a long service life.

EACH SHAPE

Whether you need a structural profile, a precise finish or a specific technical function, we extrude aluminium in any shape. L, U and Z profiles are classics, but thanks to our craftsmanship, complex geometries and integrated features are just as achievable. Which shape best suits your application?



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We go the extra mile every day to ensure our customers receive not just what they expect, but that little bit more. They must always be able to rely on our quality and service.

Elke Tabak-Keller
Senior Account Manager

PROFILES TAILORED TO YOUR PROCESS

Aluminium profiles produced in 6000-series alloys are suitable for a wide range of applications. At BOAL, we tailor them precisely to your project. Whether it concerns building & construction, solar, transport, greenhouse systems or electrical applications, we develop custom solutions that are technically reliable, durable and ready to be integrated directly into your process.



Building & construction

SHAPING STRUCTURES LARGE AND SMALL

We supply extruded, coated and rolled aluminium solutions for a wide range of architectural applications - from façades and window frames to complete building systems. We are equally committed to key sub-markets such as ladder & access systems, support structures and interior renovations. Whatever you're building, we're ready with profiles that support it from start to finish.

Greenhouse construction

ALUMINIUM TO GROW

Our lightweight, corrosion-resistant and 100% recyclable aluminium profiles are ideal for building sustainable production greenhouses - especially when maximum light transmission, insulation and structural strength are essential. From roof, façade and internal transport systems to screening and insect-mesh solutions, we think along with you and ensure you can rely on a smart, well-engineered profile solution.





Transport

PROFILES THAT REACH FURTHER

From semi-trailers to compact transport systems, we extrude aluminium profiles up to 15.9 metres in length - engineered for strength, precision and reliability on the road. Whether you assemble heavy-duty vehicles or smaller trailer applications, we help you deliver with confidence.

Solar

DEVELOPING INFRASTRUCTURE TOGETHER

With the growing demand for solar energy, we help you develop the infrastructure behind it. We extrude custom-made aluminium profiles for a wide range of solar mounting systems, including integrated components engineered for smart assembly and long-lasting performance. Whether you're equipping rooftops or building large-scale installations, our solutions are designed to support you every step of the way.



Electra

POWERFUL PRECISION IN EVERY APPLICATION

From floodlights and emergency lighting to fixtures and signage systems, our aluminium profiles provide structure, safety and visibility in your electro-technical designs. Count on quality, reliable delivery and solutions that fit your application perfectly. Whether you manufacture, assemble or distribute, we are your trusted partner for smart, custom extrusions.



Infinitely recyclable, exceptionally

EFFICIENT



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Aluminium plays a key role in the circular economy thanks to its ability to be recycled endlessly without losing quality. Recycling aluminium into newly cast billets requires only about 5% of the energy needed to produce primary aluminium. In Europe, melting and casting generate around 7.7 kg CO₂e per kilo of billet, while the global average rises to 15.1 kg.

By increasing the share of recycled material or switching to renewable energy sources, the environmental impact can be reduced dramatically.

SUSTAINABLE ALUMINIUM WITHOUT COMPROMISE

Our **BLUE** family enables the extrusion of custom aluminium profiles with a high recycled content and/or low-carbon billets. In doing so, we support your sustainability goals in full alignment with internationally recognised standards for sustainability and traceability. This is substantiated through a mass-balance calculation.

LOW CARBON

4KG CO₂e per kilogram aluminium

For **BLUE Low Carbon** aluminium, we source billets produced using renewable energy such as solar, wind and hydropower.

RECYCLED CONTENT

At least 65% recycled content

For **BLUE Recycled Content** aluminium, we use locally sourced billets containing at least 65% recycled material, consisting of both pre-consumer and post-consumer scrap.

CBAM

Now that CBAM (Carbon Border Adjustment Mechanism) has been fully implemented, understanding and managing carbon reporting has become essential. Since aluminium falls within the scope of the regulation, accurate data and full transparency are crucial to meeting its requirements.

We support customers in fulfilling their CBAM obligations by providing the necessary information on the CO₂ footprint of our products. With clear, reliable data and a proactive approach, we help you comply with CBAM requirements with confidence.

TECHNICALLY SOLID. ETHICALLY STRONGER.

When you choose aluminium, you want a solution that not only performs technically, but also contributes to a better world - sustainable, responsible and built for the future. That is exactly what BOAL Extrusion is committed to.

For us, ESG - Environment, Social and Governance - is not an abstract policy. It's embedded in the way we collaborate, design, extrude, process and deliver. Whether it's recycled aluminium, safe working environments or transparent decision-making, you receive a solution that is right in every way, from start to finish.

Q.H.S.E. COMMITMENT



Our certifications (ISO 9001, 14001 and 45001) reflect our commitment to quality, safety and sustainability - giving you complete peace of mind. Whether you are a manufacturer, assembler or distributor, we deliver what we promise, exactly when we promise it.

SUSTAINABLE PRACTICES



Sustainability isn't an empty promise for us, it's a serious responsibility embedded in everything we do. From selecting high-quality billets to optimising the aluminium extrusion process. From using renewable energy and minimising non-aluminium waste to working with plant-based cutting fluids. Every decision and every action is guided by our ESG lens.

EPD DOCUMENTS



Some construction projects require an Environmental Product Declaration (EPD). Get in touch with our team to discuss the possibilities. Our solutions align seamlessly with projects targeting leading sustainability certifications such as BREEAM, LEED, WELL, Cradle to Cradle and others.



*Aluminium may be lightweight, but our
commitment to a better future is
anything but.*

Robert Draisma
Managing Director

QC Approv



WANT TO KNOW MORE?

Discover our solutions, projects and more on **boalextrusion.com**. Or scan the QR code to explore how we can support your next aluminium project.

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