

EXTRUSIONS
.....
PROCESSING





A POWERFUL GROUP

ALUMERO extrusions provide long-lasting profile solutions for innovative ideas. We believe it is our job and our duty to provide individual advice in close cooperation with our customers.

This results in sophisticated and highly functional aluminium elements that guarantee optimal project work flow and offer key economic benefits.

Our specialists develop affordable high quality solutions for every specific task and requirement, and also point out where money can be saved. ALUMERO Extrusions is well known for being one of the top providers of custom-built extrusion element solutions on the market.



ALUMERO-PRODUCTIONS IN EUROPE

Our production facilities provide cost-effective product planning, consistently high product quality and reliable delivery schedules.



ALUMERO Surface Technology
Marktredwitz, Germany



ALUMERO Systematic Solutions
Headquarter, Seeham, Austria



ALUMERO Metal Components
Chorzów, Poland



ALUMERO Finex Extrusions
Helmond, Netherlands

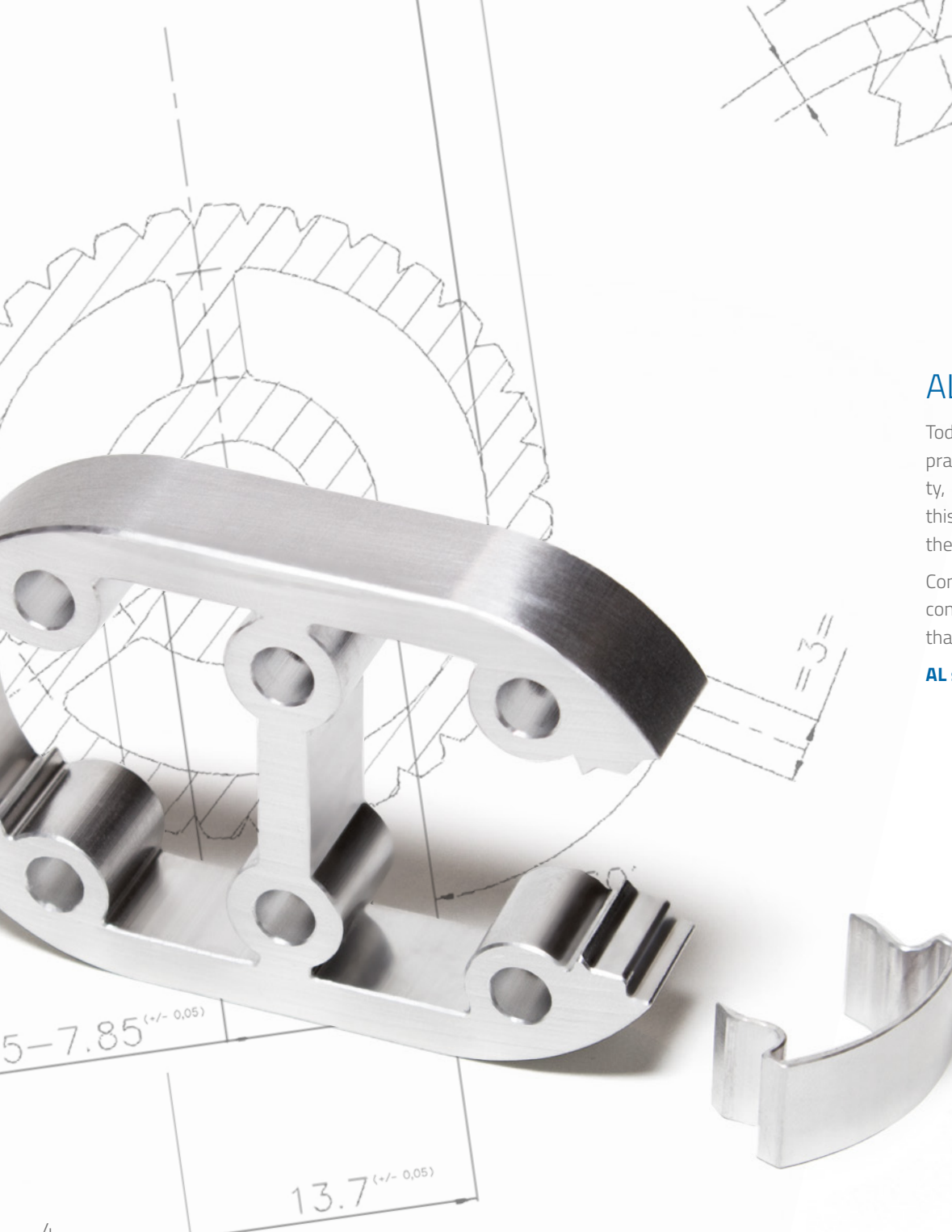


LEAN Extrusions
Singen, Germany



ALUMERO d.o.o.
SI. Bistrica, Slovenia





ALUMINIUM – A MATERIAL WITH A FUTURE

Today aluminium extrusion components are used to produce a wide range of practical objects. The combination of low weight, extreme strength and durability, flexibility in reshaping and ease of processing are just some of the benefits of this modern material. Innovative shaping often reduces complicated processing and the need for cost intensive assembly work.

Compared with alternative materials such as steel or plastic, especially when considering its long life expectancy, aluminium often proves to be the solution that makes the most financial and environmental sense.

AL says: The material with a future!

BENEFITS OF ALUMINIUM

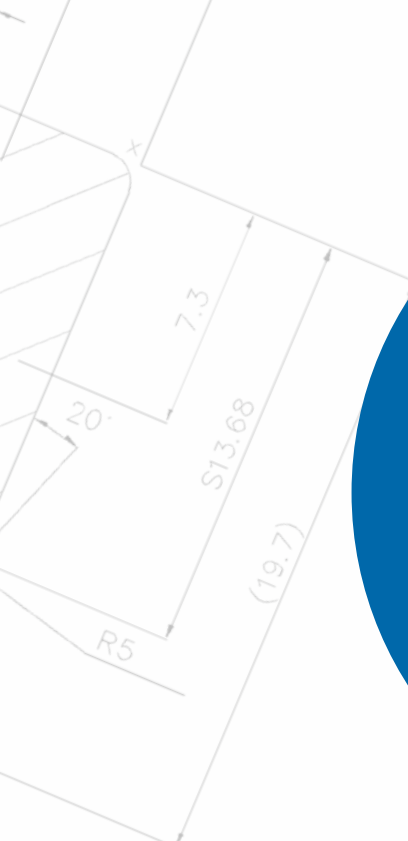
- + Low weight
(1/3 of the weight of steel)
- + Excellent material strength
- + Corrosion resistant
- + High class appearance
- + Easily reshaped
- + Easily processed
- + Extremely long life expectancy
- + Reflects light
- + Good thermal conductor
- + Good electrical conductor
- + Environmentally friendly and recyclable



THE POWER OF LIGHTNESS.

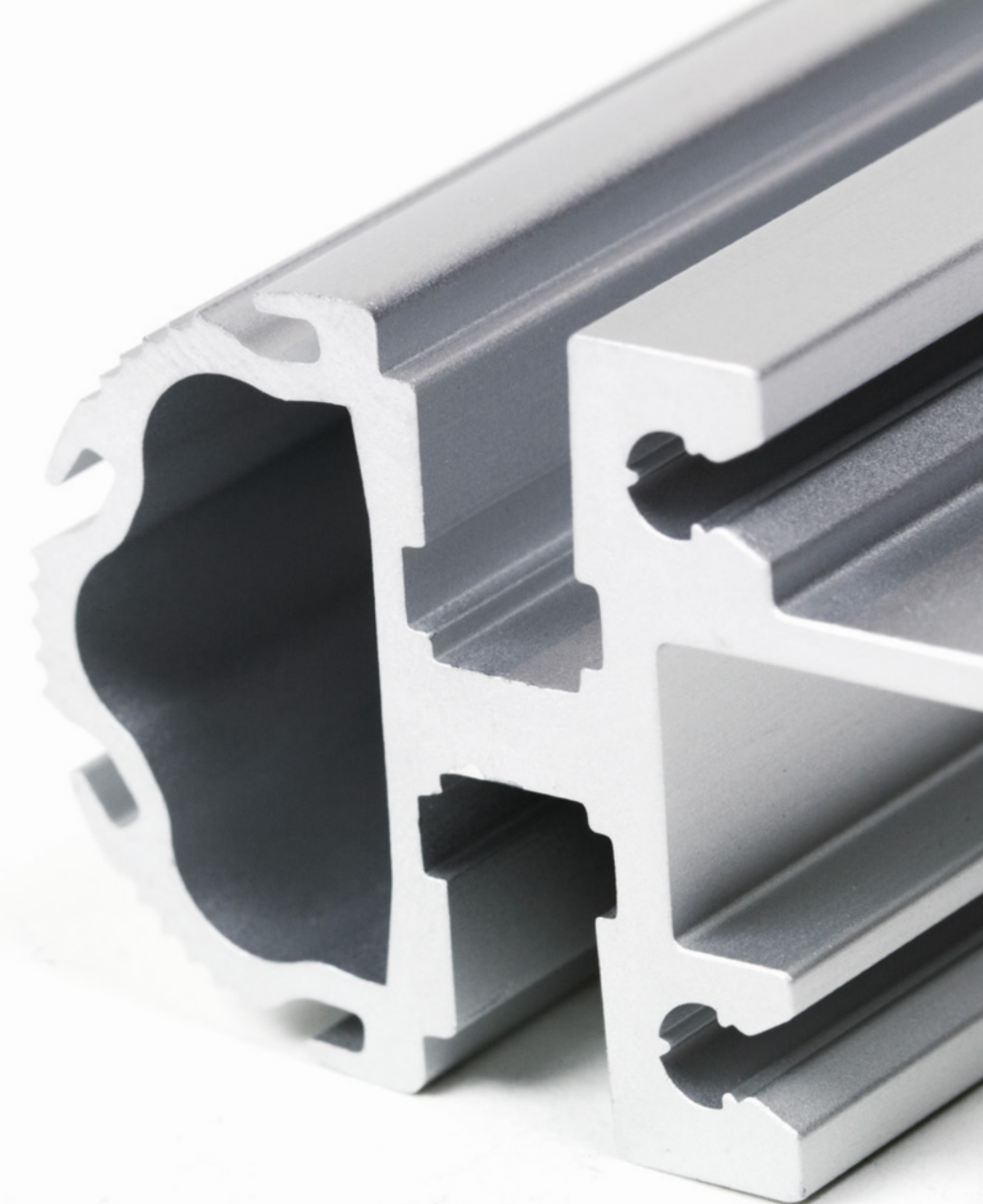


WE CAN DO
WHAT OTHERS
CAN'T



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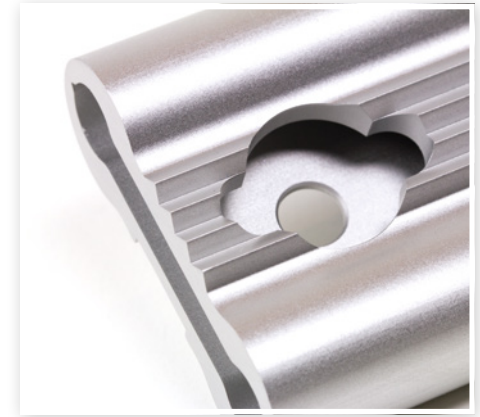
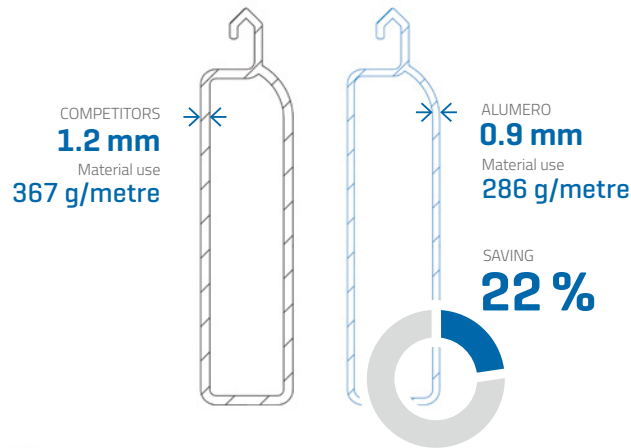
Tolerance levels	± 0.05 mm
Minimum wall thickness	0,4 mm
Profile weight / Metre	from 10 g
Alloys	1000, 3000, 6000 series, shiny alloys, special alloys if desired



PRECISION TO THE SMALLEST DETAIL

ALUMERO specialises in micro-profiles and precision profiles with exactly calculated tolerances for minimised wall thicknesses, and for decorative elements requiring excellent surface quality.

AL says: They do what others can't!



SAVE,
SAVE,
SAVE.



WALL THICKNESS OPTIMISATION

ALUMERO is one of the most productive and effective manufacturers of thin-wall aluminium profile extrusions around. Our expertise enables us to manufacture aluminium extrusions with wall thicknesses of less than 1 mm. In the example above you can save 22%!

POLISHING

Highly attractive surfaces can only be achieved with the latest extrusion technology that minimises the need for further intensive processing methods such as polishing and micro-polishing. ALUMERO surfaces and special alloys guarantee perfect results with a minimum of post production treatment so that you save time and money!

MECHANICAL PROCESSING

Don't accept the tolerances other extrusion plants provide! ALUMERO adapts tolerance levels to structural requirements, because we can do things others can't.

ALUMERO precision profiles with strictly limited tolerance values often remove the need for expensive post production processes. Cost optimisation begins with cleverly devised construction solutions.

WE HAVE THE KNOW-HOW AND YOU BENEFIT

Simply aiming to offer the lowest price contradicts the goal of providing quality and limits the creative scope of developers and constructors. ALUMERO generates saving potential via technology without limiting the possibilities and creativity of developers and constructors.



ALUMERO SHINY ALLOYS: WHEN IT SIMPLY HAS TO LOOK GREAT

ALUMERO shiny alloys have long since become established in the production of components for design-driven sectors such as bathroom design, furniture accessories and consumer electronics. Such special alloys are used for decorative trims by nearly all the main car makers.

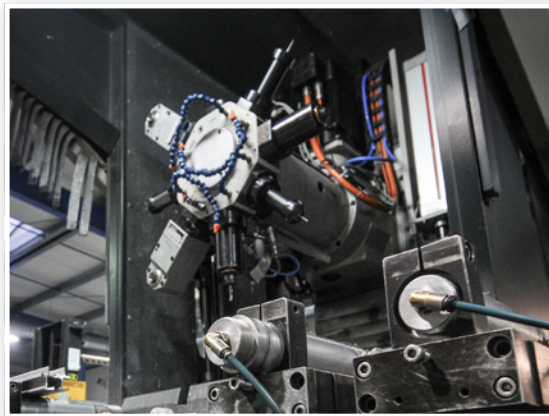
Shiny alloy extrusions display far fewer faults than standard alloys. Ceramic impurities can be almost completely avoided when melting down and pouring into cylindrical bar casts.

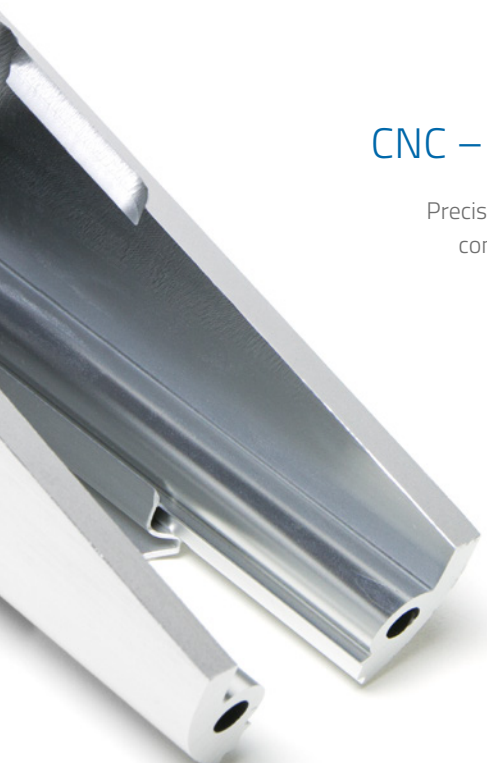
Special pressing parameters are necessary during the extrusion process. This guarantees the subsequent polishing, shining and anodisation of decorative features achieves the best possible results.



CNC – PROFILE PROCESSING

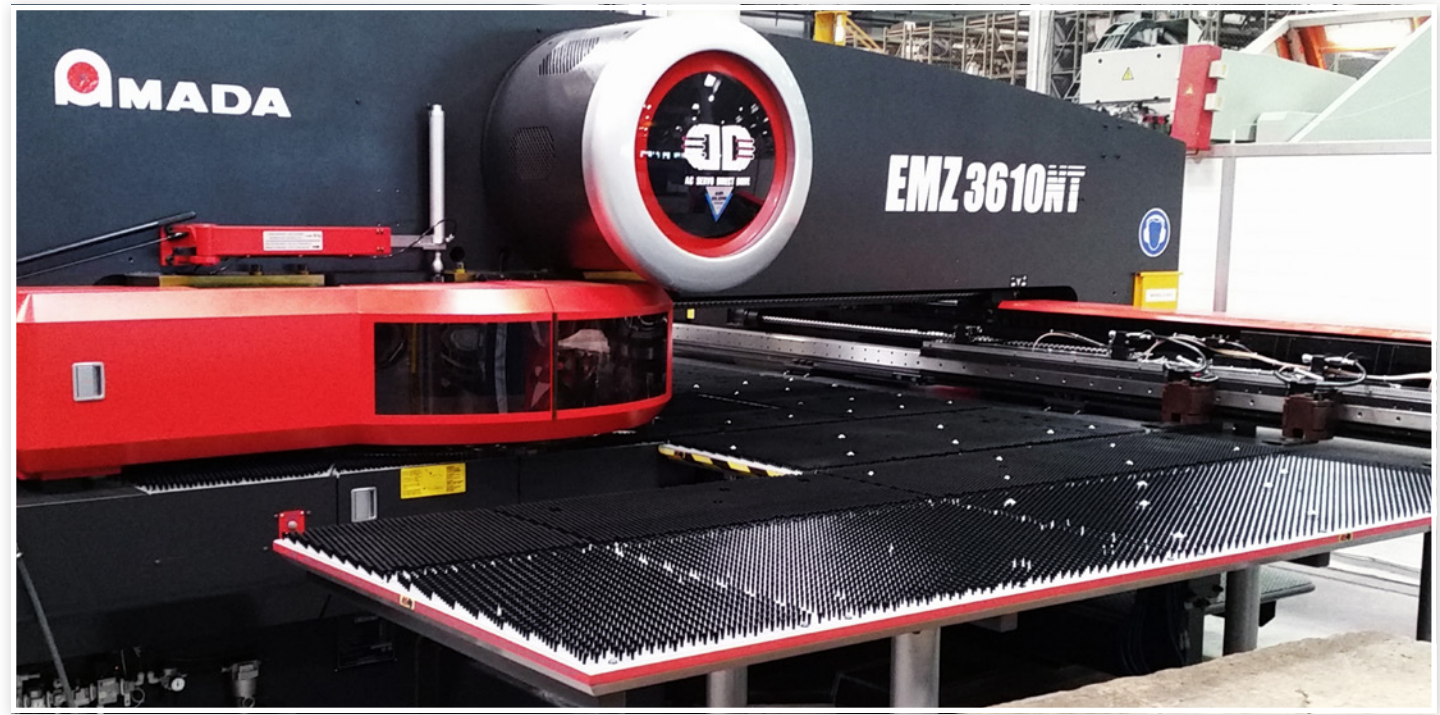
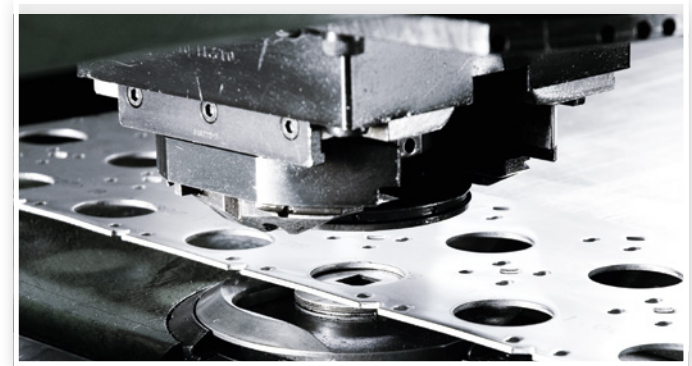
Machine processing utilises ultra-modern CNC extrusion processing machinery such as precision saws, automated saws, copy and end milling, and other special devices for portal milling. This allows ALUMERO to provide the best preconditions for flexible and productive manufacturing. ALUMERO implements the highest possible quality standards for surface treatment and processing – whether for prototypes, limited series or for mass production.

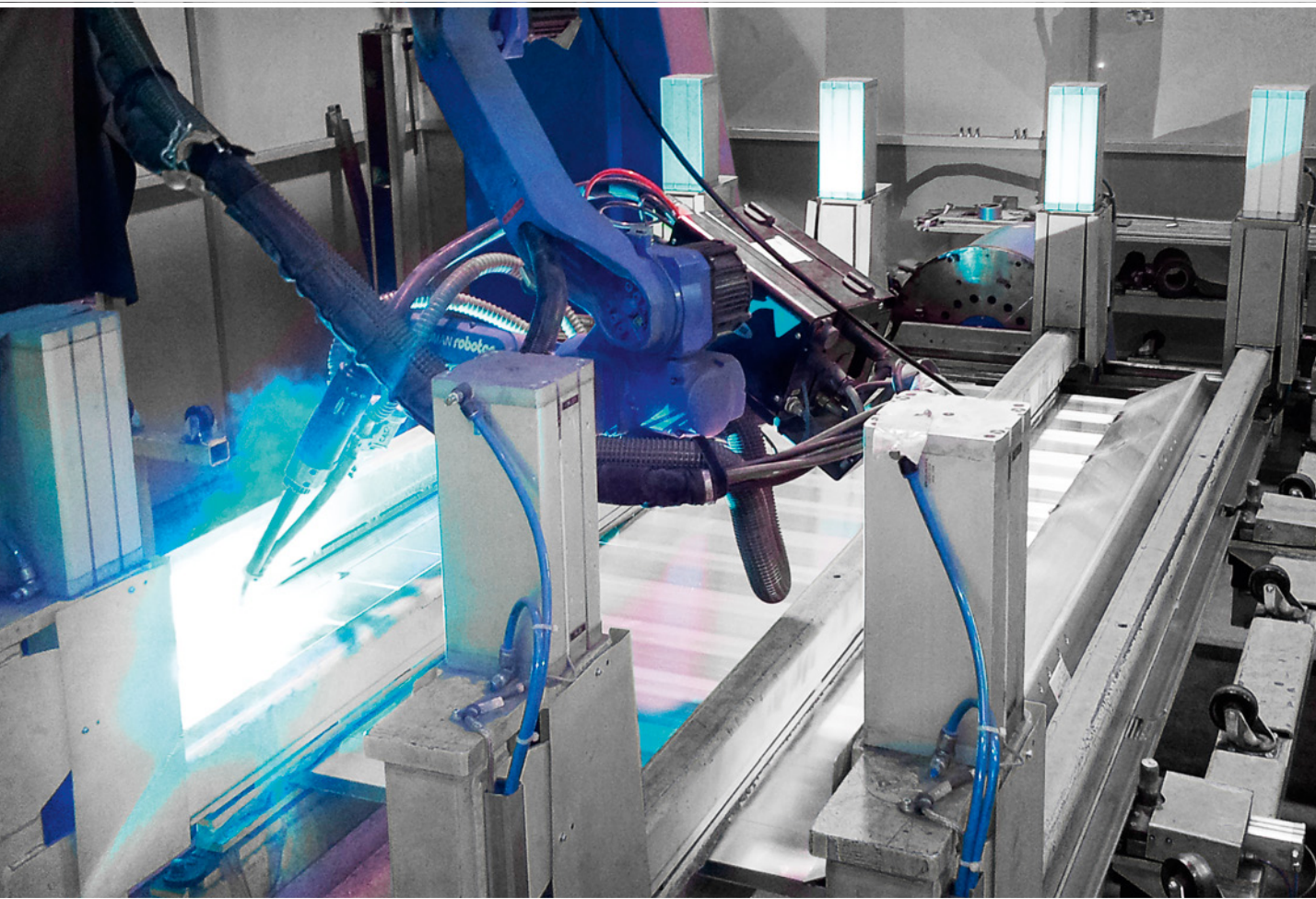




CNC – SHEET METAL FORMING

Precise, fully automated punching and forming on our CNC sheet metal working centres, combined with a modern power brake and a folding machine, ensure high-quality sheet metal forming. Edging and deburring machines round out our production capabilities. Our specialists manufacture small, medium and large batches for industrial use and for the building industry. Our production offerings include high-quality bent, punched, stamped, and deep-drawn components as well as sheet metal and composite sheet panels, cladding and coffers used in construction.

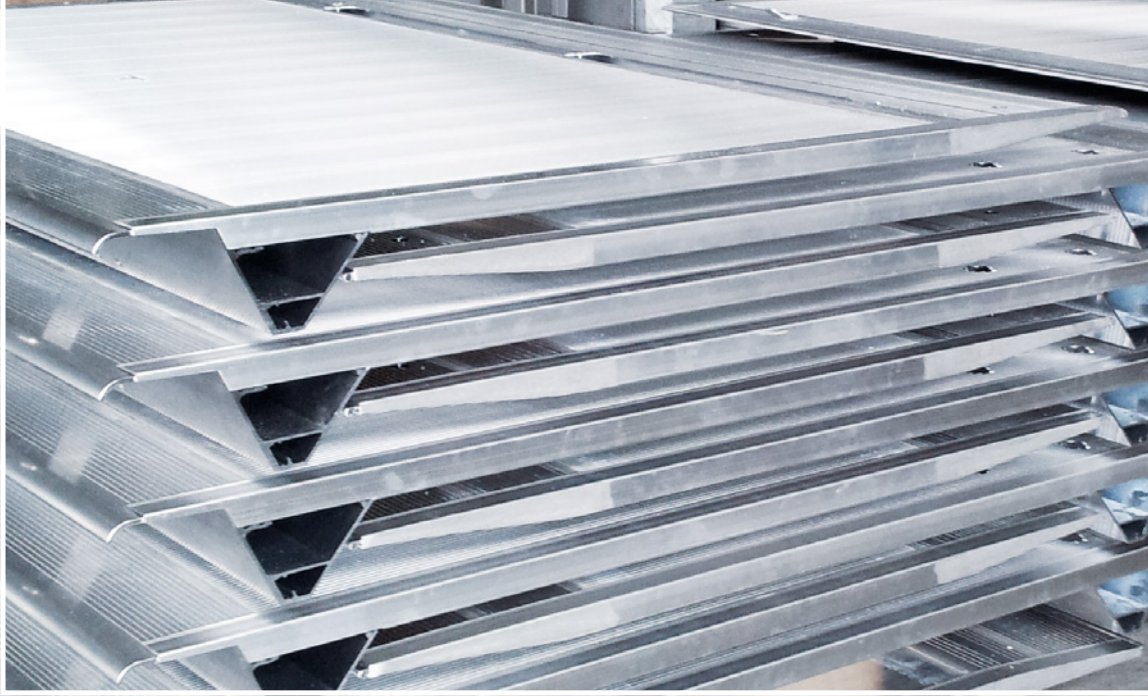




COMPONENT GROUP PRODUCTION & WELDING TECHNOLOGY

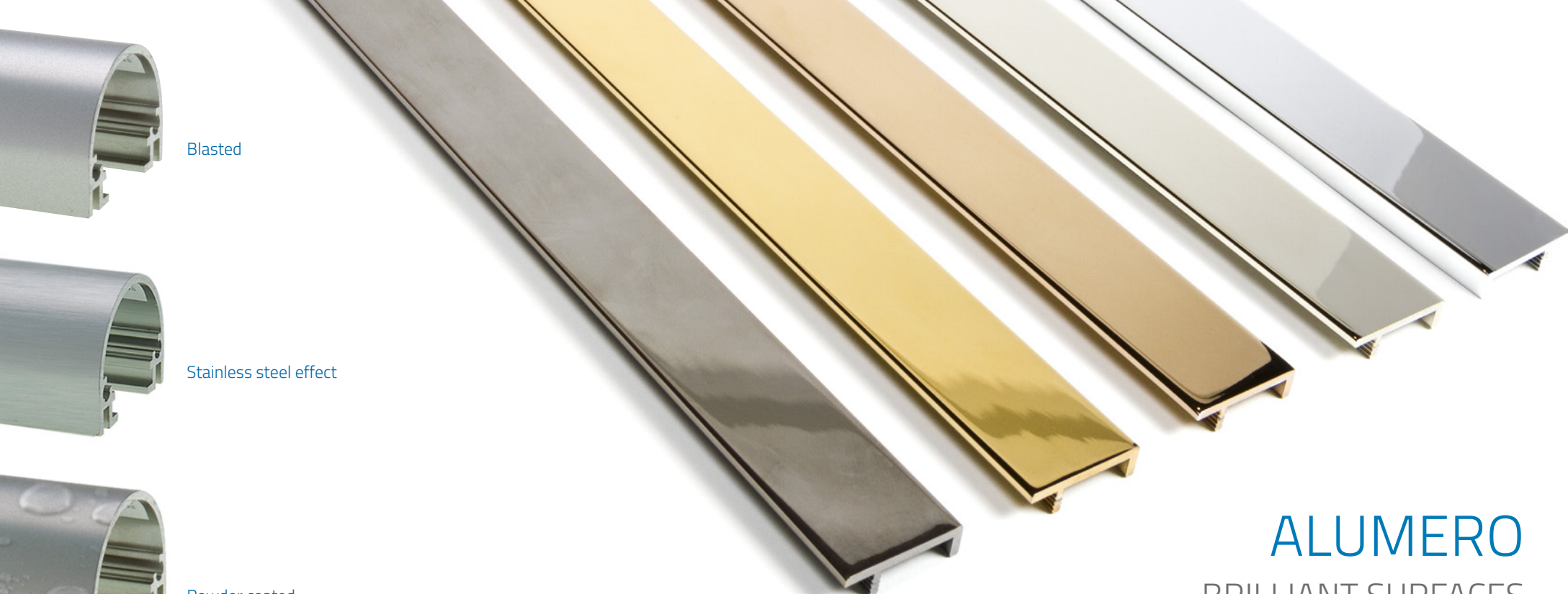
Our team of highly qualified specialists is able to complete the most challenging tasks at the highest quality standards. The following welding methods are available to guarantee optimum results: MIG/MAG, TIG/WIG, oxyacetylene welding, hard soldering, stud welding, plasma cutting and electro-passivation. Particular attention is paid to the welding of aluminium and stainless steel.





ALUMERO offers complete professional package solutions for frame and component group manufacture. Modern manufacturing techniques allow us to assemble complex, custom-built structures. Whether production takes place with internally or externally manufactured components, ALUMERO's range of manufacturing options includes everything from the production of individual components through to the making of a final product.





Blasted

Stainless steel effect

Powder coated

Silver anodised

Ultra-shiny chrome coating or shiny anodised



ALUMERO

BRILLIANT SURFACES
LIKE NO OTHER

- + Extremely scratch resistant
- + Extraordinarily attractive
- + Incredibly shiny

SURFACE FINISHES

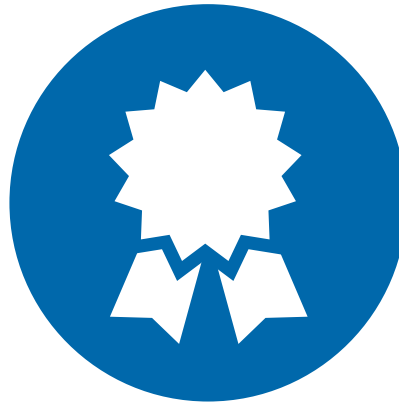
Professional surface treatment guarantees perfect protection. Our wide range of surface treatments allows us to offer a wide variety of creative design options.

THE TREATMENTS:

Anodisation, brushing, coating, stainless steel effect, chrome coating, sand blasting, grinding, polishing, barrel finishing, powder coating, chemical gloss finish etc.

QUALITY CREATES TRUST

Quality is no coincidence; it is a result of all the details that make a product so valuable, functional, technical, and make its shape pleasing to the eye. ALUMERO quality management ensures the company can offer ultimate professionalism and reliable quality, now and in the future as can be proven long-term via the ISO 9001:2008 guideline.



- ✓ Modern quality management acc. to EN-ISO 9001:2008 standards
- ✓ High-quality delivered products guarantee our success
- ✓ Trained RAL quality inspectors
- ✓ Customer-oriented quality agreements
- ✓ Quality management as an active and dynamic process
- ✓ TQM, from planning to purchasing to shipping
- ✓ Standard quality requirements for welding according to EN-ISO 3834-2
- ✓ Production of load-bearing structures according to EN 1090
- ✓ Manufacturing of pitched-roof system AS 2.1 acc. to MCS



I STAND FOR
QUALITY.



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MARKTREDWITZ (DE)

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WE CAN DO WHAT
OTHERS CAN'T.

