Where quality
becomes method.



Valcoms

Shapes, performance and matter.

Understanding aluminium means recognising its potential before it takes shape. It means identifying each customer’s specific requirements and turning them into tangible solutions. It is not simply a matter of technical expertise, but of vision: the ability to interpret an idea and translate it into function, performance and form.

A long-standing family tradition.



Since 1994, Valcom's has built on a long-standing family tradition in the metals industry and, from the outset, has developed a specific expertise in aluminium alloys for machining and high-value industrial applications. This focus has progressively defined a positioning that goes beyond conventional distribution, based on an in-depth knowledge of the material, its properties and its different fields.



Serving diverse markets and industries

The expertise developed in aluminium enables Valcom's to operate across different markets, adapting its offering to industries and applications with specific technical requirements.

Naval, furniture, automotive, aerospace and other industrial fields represent different contexts in which the company applies its ability to interpret the material, understand customer requirements and identify solutions consistent with each project.



30+

YEARS OF EXPERTISE
IN MULTIPLE FIELDS

Valcom's offers technical consulting tailored to the specific requirements of each project, supporting customers in identifying the most suitable aluminium solutions for their intended application. Combining expertise in aluminium, in-house processing capabilities and project-specific evaluation, Valcom's can support both standard and customised requirements, including more complex projects where components need to be adapted or optimised for integration into the customer's production cycle.

TAILORED CONSULTING

Supporting standards and requirements

Technical consulting may include:

01 Selection of aluminium alloys and semi-finished products

02 Feasibility assessments

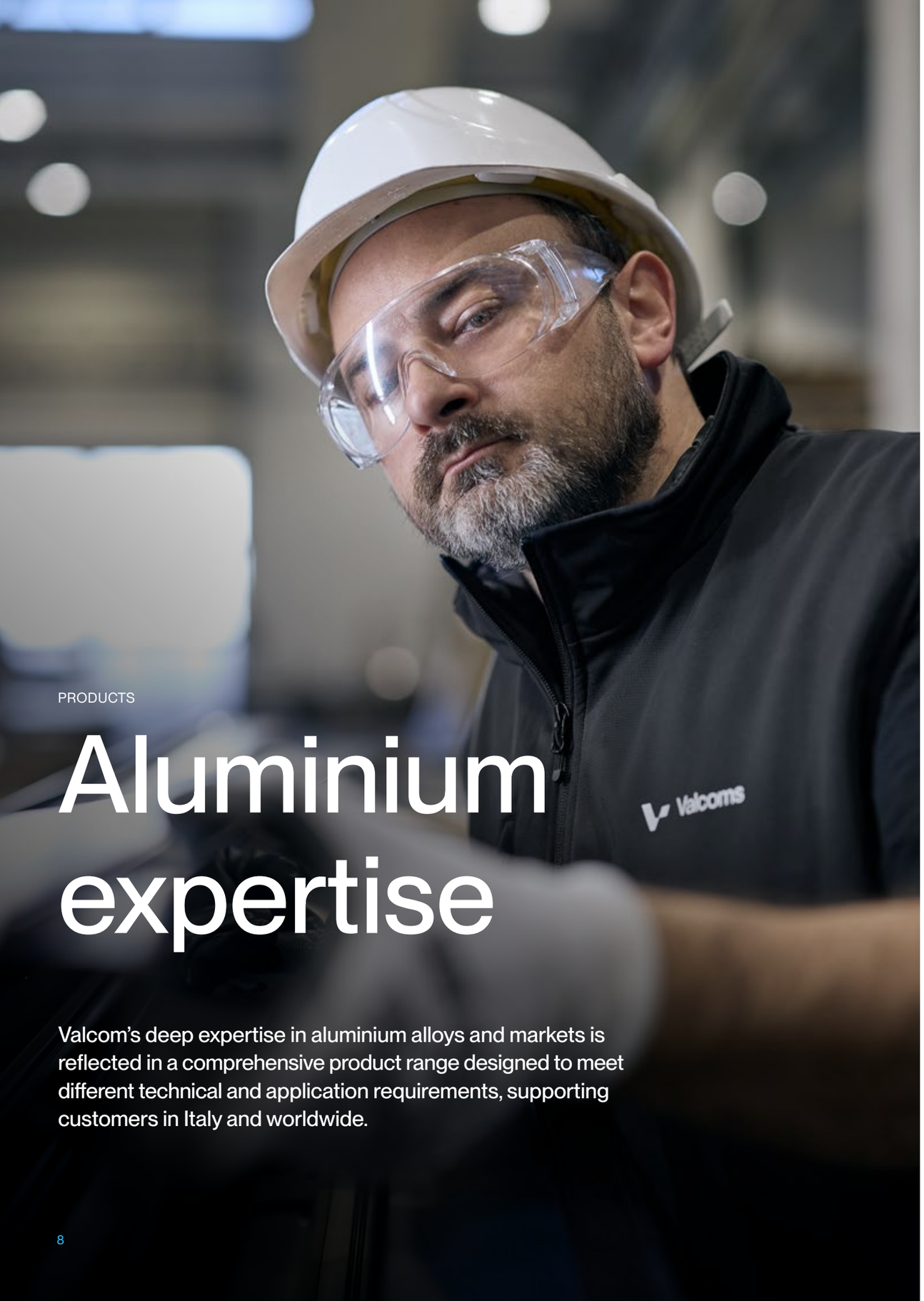
03 Definition of the most suitable machining processes

04 Evaluation of production requirements

05 Adaptation and optimisation of technical drawings

06 Component optimisation

07 Definition of semi-finished or processed parts ready for integration into the production cycle



Aluminium expertise

Valcom’s deep expertise in aluminium alloys and markets is reflected in a comprehensive product range designed to meet different technical and application requirements, supporting customers in Italy and worldwide.

Tubular profiles

Round tubes
Square tubes
Rectangular tubes
Oval tubes
Radial tubes
Electrically welded tubes

Bars for mechanical processing and turning

Flat, Square, Round, Hexagonal
Available alloys: 2011 - 2007 - 2014 - 2017A - 2024 - 2030 - 2033 - 6026 - 6026LF - 6060- 6061 - 6082 - 6063 - 6262 - 7003 7020 - 7075

Various profiles

Corner, C/U Profile, T profile
Radial bars
Round-Double U edge trims
Semi-curved bars

Special profiles

Calibrated tubes and profiles for ISO pneumatic articles

Structural profiles

Silver anodised profiles, ready to mount, in various shapes and with grooves of different sizes, complete with accessories

Strips

Strips of all shapes, thicknesses and alloys.
Mill finish, anodised, painted and embossed.
H 1000 – H 1250 – H 1500.
PVC can be applied.

Commercial sheets

Sizes from 1000x1000 to 2000x6000 mm.
Thicknesses from 0.3 to 6 mm.
Available alloys: 1050 - 3105 - 5005 - 5754 - 5083 - 6082 - 7075.
With or without protective PVC.

Chequered sheets

Sizes from 1000x2000 to 2000x6000 mm.
Thicknesses from 2 to 5 mm.
Available alloys: 1200 - 3105 - 5754.

Plates

Sizes from 1020x2020 to 2020x6020 mm.
Thicknesses from 6 to 200 mm.
Available alloys: 2017 - 5083 - 6082 - 7075.
Machined plates with PVC protection
Thicknesses from 8 to 50 mm.
Plates cut to size with a circular saw.

An integrated approach

Over time, Valcom's has developed an integrated production structure supported by continuous investment in machinery, technologies and processing capabilities.

Today, the Service Centre includes **levelling**, **cut-to-size**, **CNC machining**, **plasma cutting**, **laser cutting** and **milling**, allowing the company to manage different stages of aluminium processing in-house, from semi-finished material to machined components. The continuous development of its production equipment has also broadened the company's application scope, increasing precision, production flexibility and process quality control.



6+

INDUSTRIES SERVED

Meeting any technical requirement

Valcom's operates across industries characterised by different requirements, standards and production methods, applying a cross-sector approach based on in-depth knowledge of aluminium and the ability to understand its behaviour in different application contexts. Its expertise in the material allows the company to assess specific technical requirements, identify project priorities and adapt processing methods, operating procedures and the level of technical support accordingly.

Our fields of application

01 Naval & large structures

02 Industrial equipment & OEM

03 Design & architectural systems

04 High tech & engineering

05 Medical & specialized systems

06 Special applications & niche

Naval & large structures

Valcom's manages projects for naval and offshore structures, heavy fabrication, large frames and complex infrastructure applications, starting from the customer's drawings and technical specifications to organise component production.

For complex projects, the "Puzzle" system allows components to be processed, marked, coded and organised into kits according to the reference drawing, making them easy to identify and ready for assembly while reducing errors, handling time and internal marking activities.

SERVICES

- Laser cutting
- Levelling
- "Puzzle" kits
- Brushing
- CNC Machining
- Pre-assembly
- Custom machining
- Bending

Industrial equipment & OEM

In the world of machinery, plant and industrial systems manufacturing, Valcom's acts as a production partner capable of simplifying the supply chain, supporting both engineering departments and production teams through continuous dialogue between design requirements and industrial processes. This allows companies to focus on their core business, while entrusting Valcom's with the management of machining operations and semi-finished components.

SERVICES

- Laser cutting
- Levelling
- CNC Machining
- Custom machining
- Cut-to-size
- Component kitting
- Batch & repeat production

Design & architectural systems

In the world of design, furniture and architectural applications, Valcom's works alongside architects, designers and mid-to-high-end companies to turn ideas into tangible components. Its manufacturing processes are focused on aesthetic quality and precision, with particular attention to finishes, details and prototyping. The result is high-quality components that remain true to the original design and contribute to the identity and value of the final product.

SERVICES

- Fine laser cutting
- Precision CNC machining
- Custom machining to drawing
- Milling
- Aesthetic and electroplating finishes
- Prototyping

High tech & engineering

In highly complex technical environments, such as aerospace, defence, advanced electrical applications and precision components, Valcom's operates as a highly qualified manufacturing partner, capable of ensuring control, consistency and precision throughout the entire process. This requires advanced expertise, the ability to work with technical materials and strict compliance with extremely tight tolerances. The value lies not only in the individual component, but in the ability to operate reliably in critical environments where every detail can be decisive.

SERVICES

- High-precision laser cutting
- Advanced CNC machining
- Machining to technical specifications
- Precision milling
- Quality control
- Process traceability

Medical & specialized systems

In the medical industry and in dedicated technical systems, Valcom's manufactures components intended for sensitive environments, where quality, precision and production continuity are essential requirements. Its approach focuses on process repeatability and long-term reliability, with manufacturing carried out in accordance with defined technical specifications and strict quality standards.



SERVICES

- Laser cutting
- CNC Machining
- Machining to specification
- Light precision machining
- Component manufacturing
- Batch management

Special applications & niche

Valcom's also works on special projects and non-standard applications, with a focus on prototyping, small-batch production and product development. Each project is approached with a fully tailored process, from defining the required manufacturing operations to producing the final component, adapting processes, materials and technical solutions to the specific needs of the project. The result is highly customised components and solutions, characterised by strong technical and design content and high unit value.

SERVICES

- Custom CNC machining
- Machining to drawing
- Milling
- Prototyping
- Small-batch production
- Component development

Valcoms

Valcom’s commitment to quality and environmental responsibility is demonstrated by its ISO 9001:2015 and ISO 14001:2015 certifications. Furthermore, the company meets the stringent requirements of the aerospace and defense sectors, a dedication sealed by its EN/AS 9100 certification.

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