



BERCELLA

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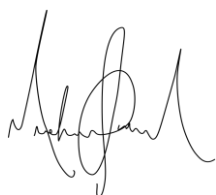
A WORD FROM THE FOUNDER

A passion for the making, “il fare”

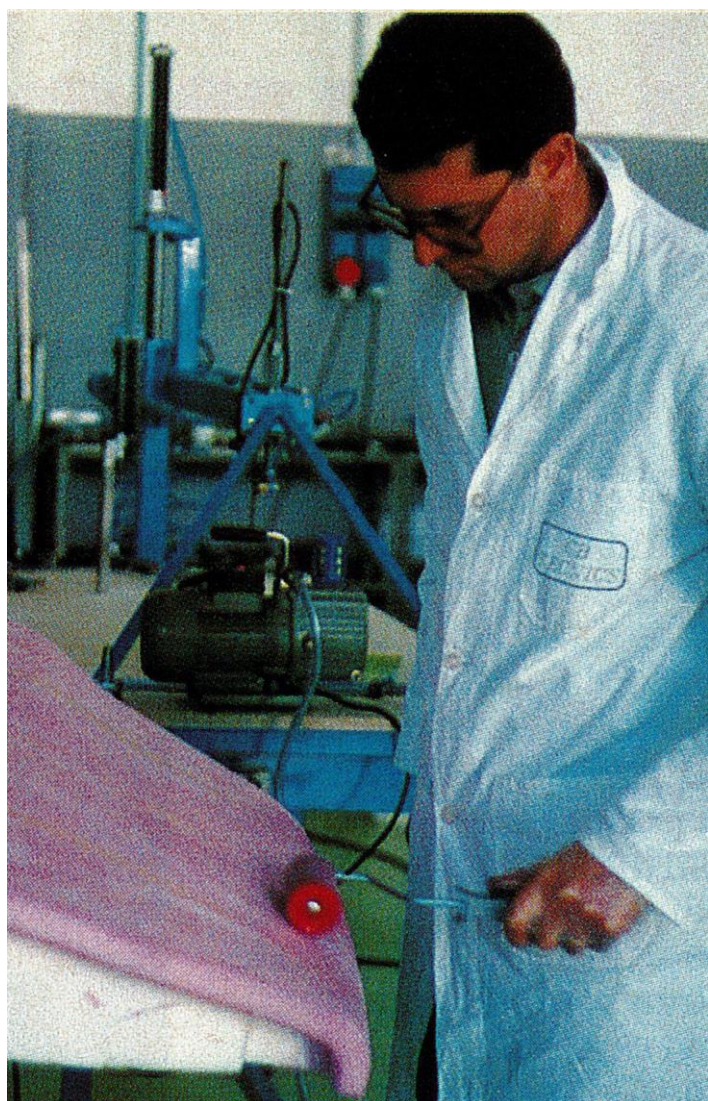
“I have always been inspired by my passion to build things up. And by my relentless curiosity for technology.

Open-minded as an ambitious explorer and creative as a productive inventor, years ago I started conceiving new ways of building things, using materials and technologies that were avant-gardist back then.

Ever since, we never stopped, and today we are more committed than ever to understand customer needs and give them the best of our solutions.”



FRANCO BERCELLA
FOUNDER





ABOUT BERCELLA

BERCELLA is a dynamic and innovative Italian company driving since 25 years the design and engineering of cutting-edge solutions using Advanced Composites and Light Alloys.

Composites industrialisation at 360°: from early design to engineering development to Advanced Manufacturing, all vertically integrated in-house.

Bercella is specialized in large and complex structures, providing demanding industries with tailored high-performance systems, through a 360° service: from early design to engineering development to advanced manufacturing, all being vertically integrated in-house, for final turnkey solutions enhancing process control, costs reduction and efficiency.

Supported by flexibility and agility, having a deep understanding of process technicalities and a wide knowledge of Composite industrialisation, strong materials know-how and solid field experience, today Bercella continues its expansion, successfully serving international clients and diverse markets across multiple sectors worldwide.

IN NUMBERS

25 YEARS

experience in Composite
Materials

3

production plants

10 CNC

machines (3-5
axles)

5000 m²

facilities

1 LAB

for Material
Testing

2 CERTIFICATIONS

ISO 9001:2015 and EN
9100:2018

5 AUTOCLAVES

up to 4000 mm diameter and 6000m
length



OUR 25 YEARS LONG HISTORY

Looking forward to new achievements

1996

CARBON FIBER

Bercella was born in Varano de' Melegari in 1996, when the founder Franco Bercella built a ultra-lightweight airplane out of Composite Materials, starting experimenting with Carbon Fiber ahead of times

2002

AVIATION

Bercella starts its diversification process thanks to continuous investments in R&D, expanding its know-how. In 2002 Bercella obtains the first qualifications for the Aviation Industry

2012

BUILD-TO-SPEC

In 2012 Bercella evolves from a build-to-print model to gradually become a build-to-spec player

2000

RACING & MOTORSPORT

Bercella designs and manufactures the components for the International Racing sector: single seaters, monocoques and bodyworks for International racecars Championships, such as F3, F. Renault, Indycar, Le Mans Series...

2009

DEFENSE

In 2009 Bercella enters the Defense Industry, supplying large Radomes and Reflectors for both Italian and International players

2021

AEROSPACE

Nowadays Bercella is expanding its specialisation in the Aerospace sector, with successful realisations for the Space Industry Worldwide

VISION & MISSION

Back in 1996 Franco Bercella had a plan in his mind and the **Vision** to push new technologies and innovations beyond expectations with his passion and curiosity, always challenging himself to do better.

Passion for innovation and curiosity towards new materials and new technologies are our **Mission** and contribute to forge our expertise in the Composites Industry.

We always look for a brilliant and functional design for bespoke critical applications produced with precise, light and resistant components made of Carbon Fiber and other Composite Materials.



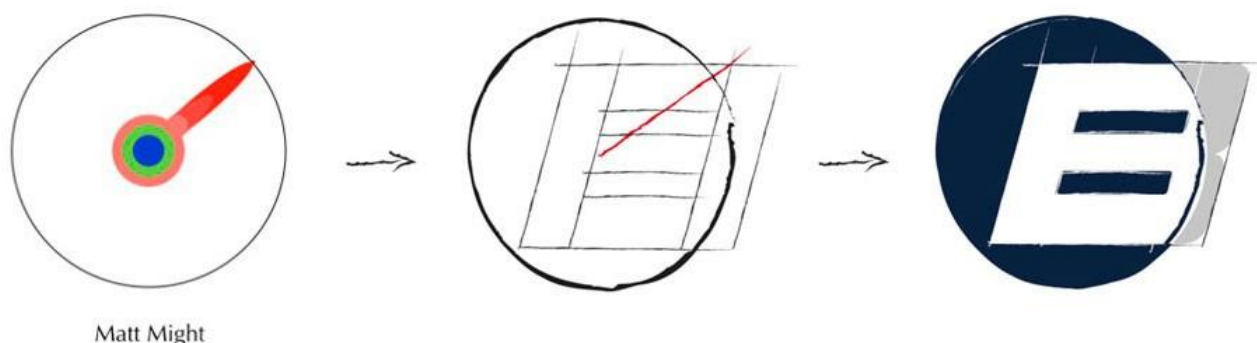
A STORY IN OUR LOGO

Matt Might, a professor of computer science at the University of Utah, created *The Illustrated Guide to a Ph.D.*, theorizing how the human knowledge works. It is graphically enclosed in a circle and it can be constantly pushed over the traced limit, thanks to the **constant study** and the curiosity that has always accompanied the Mankind since the beginning of its history.

This is both the role of human specialty and research, and the main point upon which we developed our Logo. The circle that encloses human knowledge, also symbolizes the concepts of Perfection, Dynamism and Movement; the line that crosses the circle represents our **unstoppable quest for innovation** to break the boundaries of what we know, to push our knowledge over that same boundaries.

Our Logo's colours are inspired by specific ideals. Deep Blue and White convey reliability, safety and in the meantime remind of the sea, the origin of Mankind, and sky which is historically human's pioneering horizon. On the other hand, Silver is the colour of Design and Technology, two of our main competences. Bercella's Logo synthetizes all this values: **constant quest for knowledge, dynamism** and the **tension to excellence**, while thinking out of the box to innovate ourselves and our world.

The Illustrated Guide to a Ph.D.



OUR VALUES

EXCELLENCE

Our DNA

As an Italian company in a territory of excellences, we embrace every challenge determined to succeed. We always find a way, no matter the hassles. They call it Italian creativity. We turn good ideas into optimal solutions through our extensive knowledge of advanced manufacturing: this is our raw material, our intellectual heritage, our guarantee of success. We like going beyond expectations, delivering premium value and quality performance.

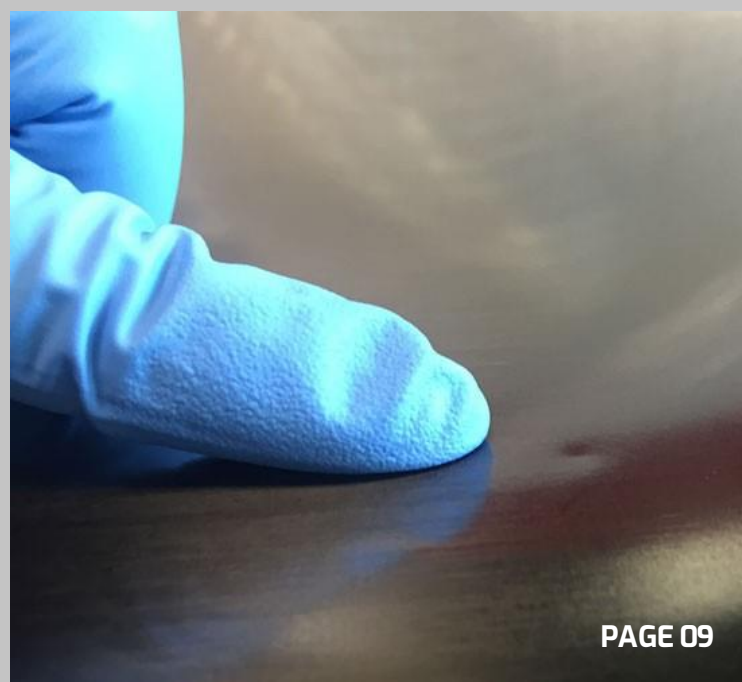
TRUST

We care

Our customers trust us. We are a reliable partner, so that our customers can focus on their business. Our transparency, traceability, fast decision-making and proximity provide our customers with a piece of mind, as we honour each commitment with professionalism.

INNOVATION

We are driven by innovation Our hearts beat with curiosity. Creativity fuels us daily. This is how we were born and how we grow today. Stimulated by creativity and curiosity, we expand our know-how of Composite Materials, process and applications through R&D investments and continuous learning, in a passionate journey to innovation.



OUR VALUES

FLEXIBILITY

Our strength

New customers' needs arise on the way, no matter how accurate our project plans, tasks allocation and timeline might be. And we love dealing with that, to identify new ways and propose adjustments, to express all our passion for innovation, paving the way for greater success. Changes do not stop us, they stimulate us. We are prepared to face them, with hard work and reasonable compromises to achieve optimal results: we never give up.

COMMITMENT

The future together

A special relationship links us to our territory and its community. Today we are proud to expose our territory under international spotlights, originating value and attractiveness for the local community.





BUSINESS OUTLINE

End-to-end solutions for Composites applications

Advanced industries today face multiple challenges: reduce TCO, promote sustainability, accelerate innovation, stay ahead of competitors. Bercella answers these challenges, as a solid partner capable of quick reactivity, strong know-how, technical expertise and innovative thinking.

All the flexibility, reactivity, innovation and know-how required by modern industries. With quality, precision and on time.

Bercella can value the best outcome and provide the best results in challenging situations.

When technicalities need to be solved with quality, precision, on time.

When there is no time but an alternative solution is required.

When reactivity, fast response time and agility can make a difference.

OUR EXPERTISE

Bercella's core is first and foremost represented by Composite Materials. Furthermore, Bercella vertically integrated several processes such as:

Autoclave, Filament Winding, Compression Moulding, CNC Machining, Painting and, most of all, Designing to drastically reduce the time-to-market for its customers.

In 2018 we decided to add a **Material Testing Lab** to our facilities, that now allows us to drastically reduce costs and time. Bercella represents all the flexibility, responsiveness and know-how that you need. With the tranquillity of a one-stop- shop.

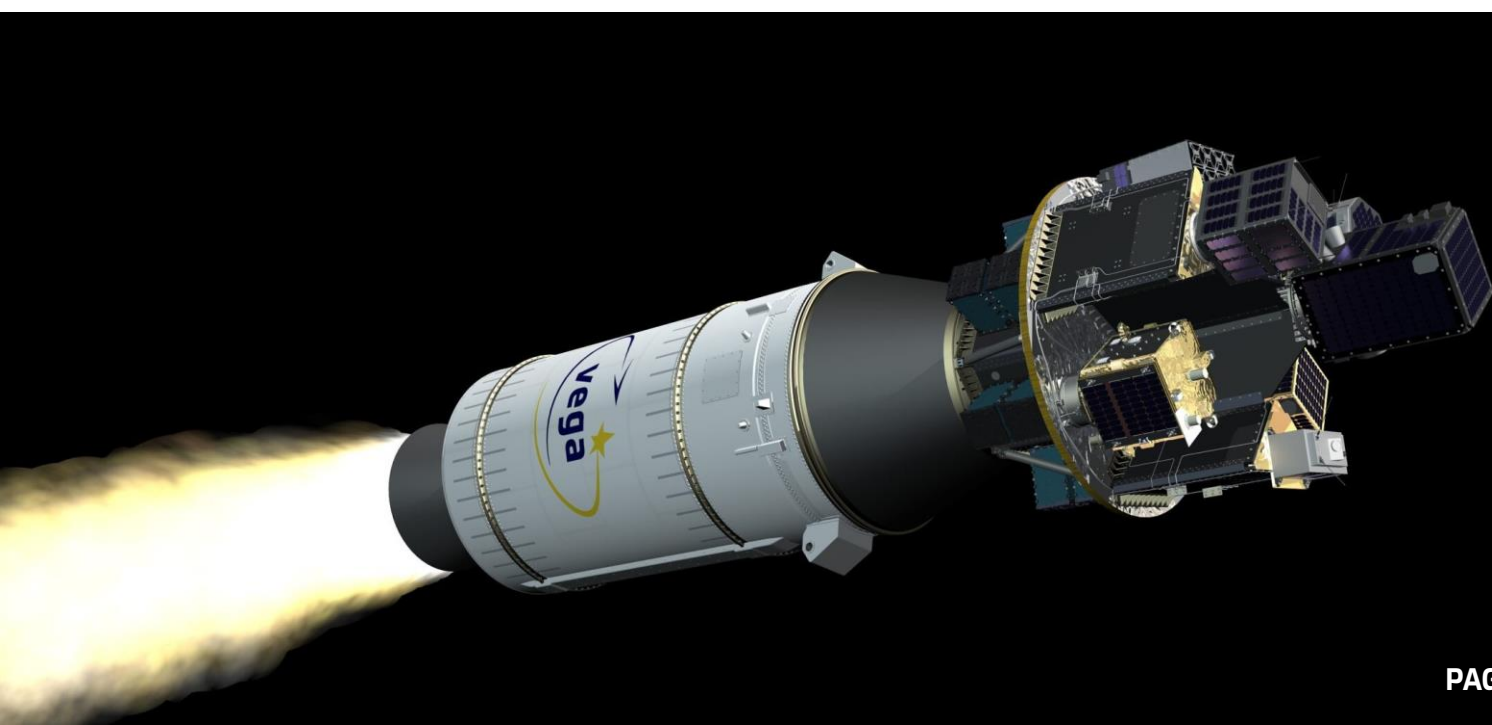


AEROSPACE

The world most challenging environment requires state-of-the-art production standards and high-level components made with an unimaginable precision. Our clients portfolio goes from the main Governmental Agencies (ESA, ASI) to Large Systems Integrators (Airbus, Thales-Alenia Space Italy, OHB Italy), and many New Space Economy start-ups (Sitael, D-Orbit, GOM Space). What they all have in common is the will to rely on an accountable partner with structured multi-disciplinary teams and state-of-the-art technologies, that grants them the necessary support to successfully finalise their projects.

The main missions we partnered in the latest

- years: Exo Mars: Drillbox case
- Eurostar NEO: Semi-Rigid Solar Array Substrates,
- Yokes Small Spacecraft Mission Service: Dispenser
- Structure
- ION: Satellite structure
- NAOS: Satellite structure





DEFENSE

From 1996 Bercella develops critical components for every environment and condition: air, sea and desert are all domains where we have collected countless experiences. Therefore, we are constantly dedicated to innovation in order to offer the best possible output in terms of both quality and materials.

Confidentiality and **responsibility** are both guaranteed at Bercella from the preliminary design phase to the following development and final realisation of both build-to-print and build-to-spec projects.

We are registered on the National Register of Companies, we work under **TULPS Licence** and **Export Licence** for Italian and International clients that choose us as a competent, cooperative, reliable and private partner for their mission-critical equipment.

AUTOMOTIVE & RACING

Emilia-Romagna's **Motor Valley** represents Bercella's heart and home, since this is the place where Automotive and Racing applications reach their maximum development.

Thanks to it, we got used to **speed, precision** and **performance**. We learnt how to face and win important challenges in order to become a fast and reliable partner that is up to the job.

Up to now we count over 1.000 monocoques produced over 25 years for more than 20 championships from **F2** to **F3**, from **Indycar** to **Le Mans**, acquiring more and more specialty in producing them. Furthermore, we produced more than 100.000 bodywork and automotive parts, becoming one of the top 3 producers worldwide.





OUR SOCIAL RESPONSIBILITY

Our entrepreneurial roots as a family business and long-term orientation gave us a solid base to grow, on top of proximity with our customers, employees and stakeholders.

AT BERCELLA

At plant level, we have implemented plastic-free and waste recycling policies.

INTERNATIONAL GROWTH AND DIVERSITY FOR OUR TERRITORY

We stimulate international growth in our territory, while sustaining local associations active in civil society. We cooperate with universities and European research projects.

At company level, we promote international mobility and we sustain diversity in our teams.

BERCELLA

CONTACTS



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