



***UMBRA GROUP***





**Innovating means  
bringing the future into our lives.**



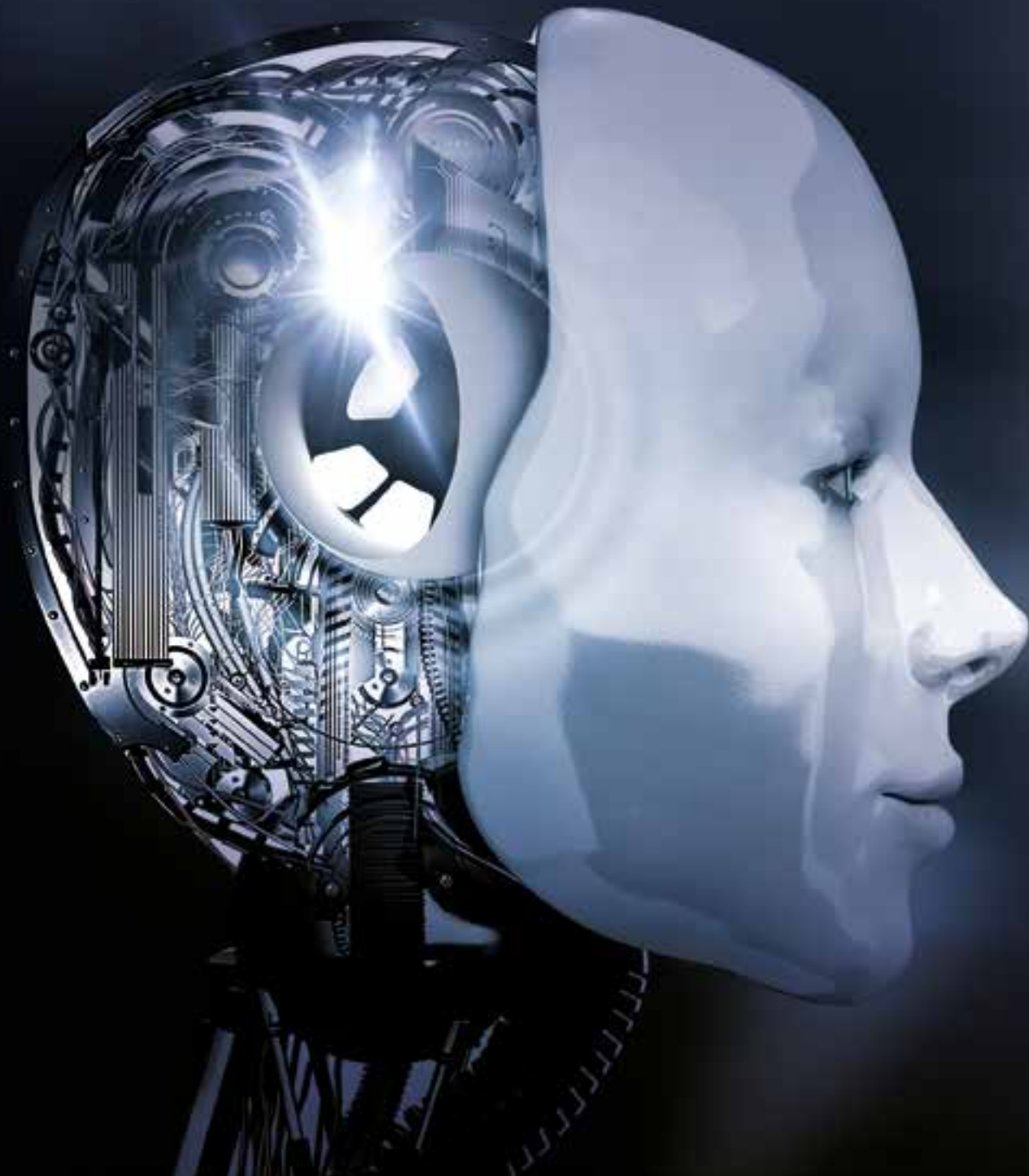
# OUR DNA

**Vision, Mission and Values** are in our DNA, they constitute our specific identity, what makes us unique in creating value for our stakeholders.

- Our **Vision** allows us to know who we are and what we want to become
- Our **Mission** guides us in our actions, always aiming for excellence
- Our **Values** allow us to merge the aspirations of individuals with those of the group

Together, they constitute the map for the evolution of the UMBRAGROUP brand. A map that passes through each person, each relationship and each project, to seek innovative and revolutionary solutions for our Partners.

***To be FIRST!***



# The Vision of our Company

***AGILE, PASSIONATE PARTNER  
REVOLUTIONIZING MOTION SOLUTION***

We want to be an **Intelligent Partner** who works with passion and dedication always offering innovative, flexible and customizable solutions based on the customer's needs, creating products that can **revolutionize a constantly changing market.**







# The Mission of our people

***TO BE THE CUSTOMER'S INTELLIGENT  
SUPPLIER OF ACTUATORS, BALL SCREWS,  
BEARINGS AND COMPONENTS  
IN HIGH-TECH MARKETS.***

**Excellent service is the foundation of any business.**

**We don't want to be at the vanguard,  
we want to BE the vanguard.**



## Our Values

# ***WE WORK TO BE FIRST***

Our values are clear  
and non-negotiable.

They inspire our work every day  
and are shared with every person  
on our team.

## **Innovation**

We develop new ideas that foster innovation and improvement of processes, skills and interpersonal relationships.

## **Social Responsibility**

We consider our company as a common good, belonging to all our community.

**F**

**I**

**R**

**S**

**T**

## **Focus on the customer**

We want to build a lasting partnership based on mutual trust. We listen to our customer's needs to make a difference.

## **Respect**

We create loyal relationships based on trust, engaging professional discussion and the exchange of ideas.

## **Teamwork**

We nurture passion and determination to meet and overcome challenges, in full compliance with our Vision. Our strength is our team!



# ITALY

**A group born in Italy  
with a worldwide  
presence**



# UNITED STATES



# GERMANY

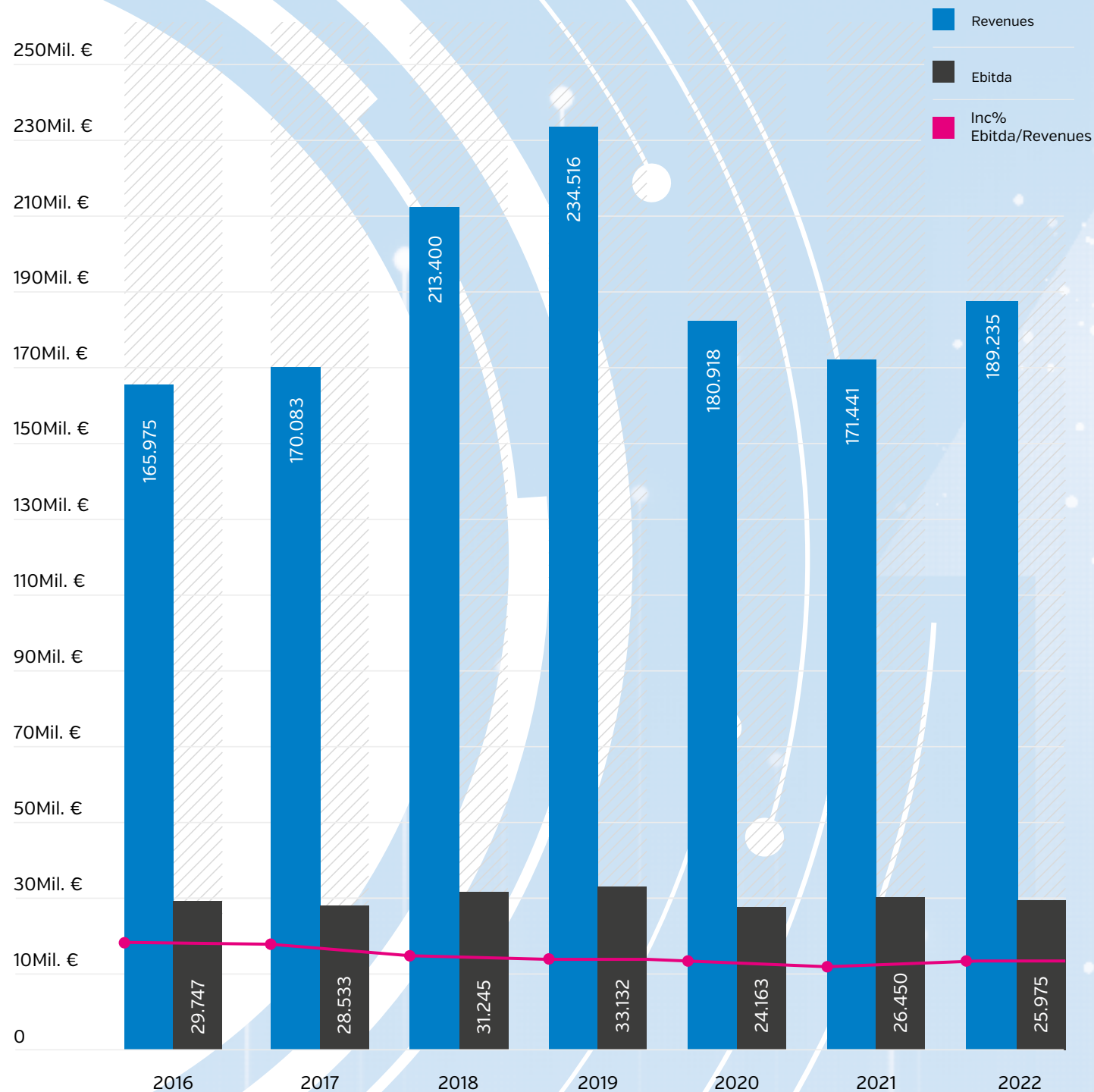


# Highlights

## **TRENDS, REVENUES AND HISTORICAL RESULTS**

Exploring new acquisition opportunities is an integral part of the development strategies outlined in the Group's 2023-2027 Business Plan.

To date, the Group is composed of seven companies which allow us to offer a wide range of products and services for numerous industries and applications.



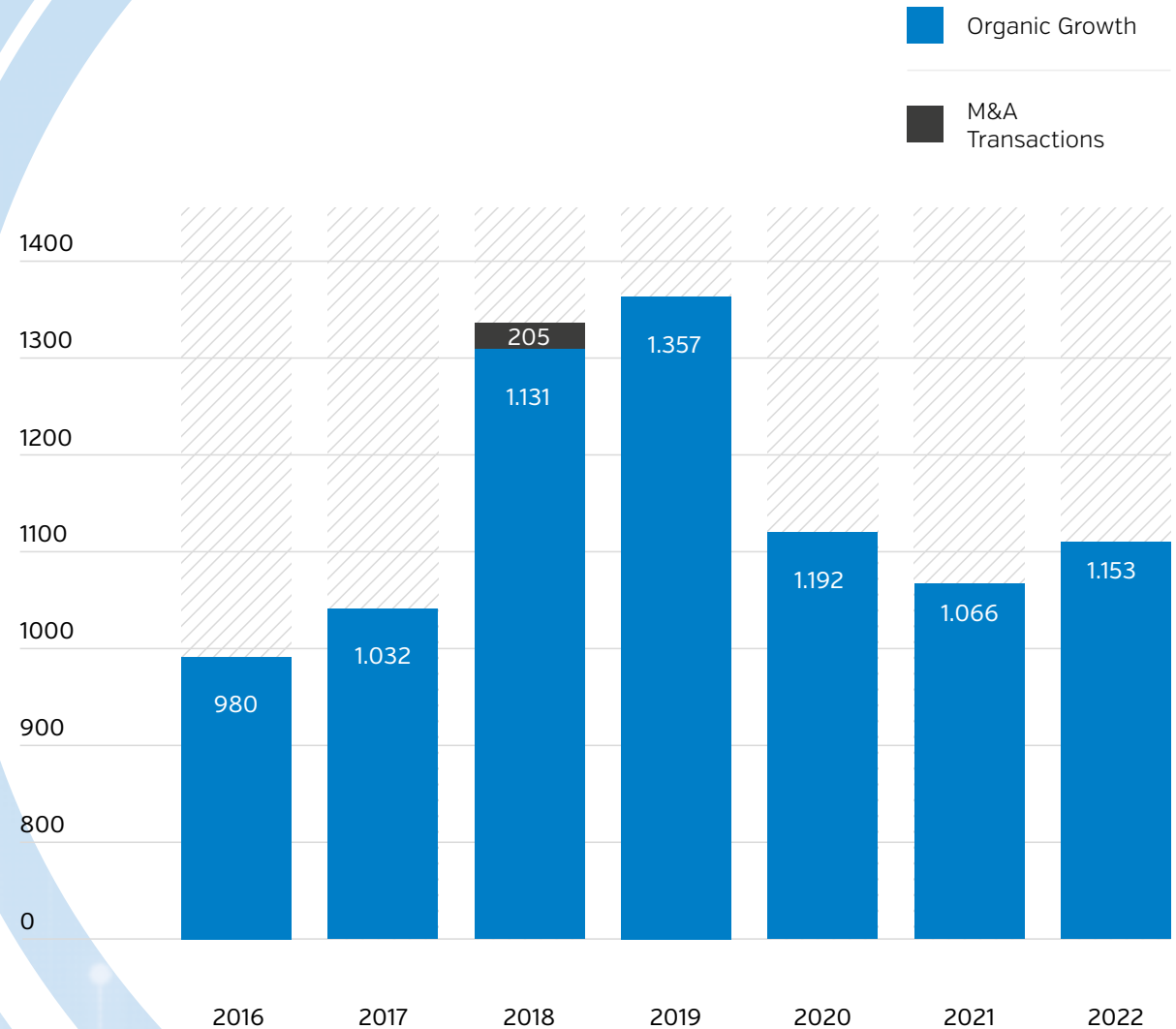


# Highlights

## ***HUMAN RESOURCES OF THE GROUP***

The following graph shows the trend relating to the Group's personnel from 2016 to 2022. As of 12/31/2022, the Group employs 1,153 employees.

In UMBRAGROUP, People represent enormous added value and are at the center of work activity. The Group's goal is to attract, train and retain them. Through continuous investment in training, development and corporate welfare, all Group companies have achieved excellent results by retaining their employees.



# Our History

*Many narratives  
have a spectacular start.  
An epic origin, a seductive plot,  
a surprise ending.*

Our history, however, is not a myth.  
It has no epic origin, nor a fictional plot.

It's a true story, that began in 1972.  
Born from a dream and the vision of a forward-  
looking entrepreneur, strengthened  
by courageously facing new challenges,  
and by developing the ability to transform  
difficulties into opportunities. Born from the  
believe that reaching excellence requires  
continuous innovation. Our story is an ever-  
evolving journey. Our journey has led us  
to where we are today.

An international,  
solid and cutting-edge Group.

# KEY MILESTONES ON PATH TO BE FIRST

1972

1978

The Company starts producing ball screws for the aviation industry

1993

Mr. Valter Baldaccini, together with Mr. Reno Ortolani and other local investors, organizes the Management Buyout and acquires 100% of Umbra Cuscinetti shares

1996

Acquisition of Kuhn GmbH (DE)

1999

Acquisition of Everett, Umbra Cuscinetti Inc. (Washington - USA)

2008

2011

Acquisition of Präzisionskugeln Eltmann (DE)

2017

Inauguration of the Research Center in Albanella [SA] - IT and acquisition of SERMS srl in Terni [TR] - IT

2018

Acquisition of Linear Motion LLC (Saginaw, Michigan - USA) and AMCo Srl in Foligno [PG] - IT. New company name: UMBRAGROUP S.p.A.

2022



FAG Kugelfischer, Schweinfurt (DE), and GEPI (IT) found Umbra Cuscinetti SpA to produce high-precision bearings



Shareholder base: Managers and employees enter the corporate structure of Umbra Cuscinetti S.p.A.



UMBRAGROUP celebrates its 50th anniversary

# ***AEROSPACE & DEFENSE***







# ***WE GUARANTEE YOUR SAFETY IN FLIGHT***

**We supply innovative, flight-critical components and solutions for the aerospace and defense market.**

Our products are the beating heart of high-quality electromechanical systems, such as those that move flight control surfaces. Our design criteria and constant technological innovation allow our products to maintain top-level performance even after decades of service.

In civil aviation, **UMBRAGROUP**-branded solutions guarantee the safety in flight of all types of commercial aircraft that carry more than 100 passengers.

*Ball Screws*



*Electromechanical Actuators*



*Drive shafts and couplings*



*Gears and sectors*



*Pinions*



*Steel Balls*



*Acme screws*



*Other critical components for flight*





# COMMERCIAL

We provide design, manufacturing and aftermarket services for high-tech precision components and offer electromechanical actuation solutions for legacy and disruptive electric platforms with exceptionally reliable products for the most challenging flight and safety critical mechatronic applications.



# DEFENSE

We have acquired extensive component and sub-assembly experience in precision engineering and combine this with heritage linear and rotary actuation experience making UMBRAGROUP a leading global supplier of legacy and next-generation fixed wing, UAV and rotocraft platforms in the defense market.



# SPACE

Our SERMS subsidiary offers unique services, both testing and simulating space environments. Design and rigorous manufacturing of precision mechanisms and sub-systems compliant with ESA and NASA.



# AFTERMARKET

Support throughout the entire life cycle of our products, managed by a dedicated Aftermarket Division operating specific facilities and offering customers all-inclusive, worldwide services.



***INDUSTRIAL***





The background is a deep blue with abstract, glowing light streaks and particle effects. On the left side, there is a large, semi-transparent circular graphic that acts as a frame. Inside this circle, a close-up photograph of a mechanical component, possibly a turbine or engine part, is visible. The component has a metallic, polished surface with some white residue or oil. The overall aesthetic is high-tech and industrial.

## ***INNOVATIVE AND HIGH-PERFORMANCE SOLUTIONS***

We are internationally recognized for excellence in the design and construction of high-tech systems. We want to revolutionize movement with an ever-decreasing environmental impact, constantly focusing on electrification. The wide range of products we offer fully meets the needs of the Industrial market, which branches out into numerous application sectors.

Our reputation and our work is based on the quality of our services and solutions offered to Partners, with a continuous drive towards Innovation, Research and Development. Furthermore, we have a deep-rooted propensity for the integration of cutting-edge architectures, thanks to the experience gained in more than fifty years of activity, which has allowed us to design and implement flexible, reliable systems at an advantageous price.

*Drive shafts and  
"safety critical"*



*Bearings*



*Rotary EMA*



*Linear EMA*



*Ball Screws*



*Steel Balls*



*Electric Motors*



*Electrospindles*





# **TRANSPORTATION**

UMBRA GROUP offers a wide range of solutions for Transportation with a strong focus on the Electrification. It's able to satisfy high volumes, high reliability and strict process control.



## **INDUSTRIAL MACHINERY**

The Group has more than fifty years of experience in the design and manufacturing for critical components in the Industrial Machinery. The UMBRA GROUP brand is globally recognized for the quality of its products and the strength of its services.

## **ENERGY**

UMBRA GROUP is focused on Sustainability and Energy efficiency. Electro Mechanical Actuators designed with the goal to achieve unparalleled performance supporting the Customer in reducing consumption.



## **HEALTH CARE**

The Group can offer solutions for Health Care application using Micro Ball Screws and sub-assemblies with high level of compactness and precision.

## **AFTERMARKET & SERVICES**

With a dedicated Aftermarket division UMBRA GROUP can support constantly the customer for the entire life cycle of our products. The company can also guarantee the in-house heat treatments and special processes.



# Special processes

## **PERFECTION... EXISTS**

Over the years, we have continued to perfect vast experience in special processes which include Heat Treatment, Galvanic Treatment and Non-Destructive Tests. We consistently satisfy the most stringent requirements of our customers.

Our Technological Laboratory provides a **qualified service** for all the tests necessary to verify both the mechanical properties and structural defects of the parts.

We are **NADCAP** accredited for all processes and certified according to the main international standards [AMS]





# Research and Development

***WE IMPROVE TO INNOVATE,  
WE INNOVATE TO IMPROVE***

Our constant Research & Development activity takes the form of a continuous investment in human capital, facilities, and equipment to develop new products and new production processes.

We increasingly want to be the leading player in electrification in the new mobility revolution both in the Aerospace and Defense and Industrial markets.

We carefully nurture the efficiency of our factories all over the world - we set daily Quality goals and adjust our lines to always provide customers the production capacity they need.



# Innovation

## ***HIGH PERFORMANCE PRODUCTS AND PROCESSES***

We develop new products and processes to meet the performance demands of an ever-changing world.

We work to meet the increasingly demanding technical expectations of the market: safety, reliability, durability, sustainability, and compactness are the basic characteristics that define the guidelines of our innovation path.

Revolutionizing handling solutions has allowed us to introduce innovative products on the market, made with special reliable and stable processes. We are constantly evolving through innovation.



# ***INTEGRATED PROCESSES AND CAPABILITIES***



# QUALITY SYSTEM

UMBRAGROUP rigorously works together with its customers, fully responding to their needs and expectations, guaranteeing respect and satisfaction of the contractual agreements in terms of quality, timeliness, costs and always acting in accordance with applicable regulations. This commitment includes the punctual flow-down of the requirements towards your **Supply Chain**.

Furthermore, UMBRAGROUP is highly motivated to improve the effectiveness and efficiency of management and operational processes, ensuring full compliance of the products and processes to the specifications and regulations applicable to quality and safety.

UMBRAGROUP is aware that to achieve these objectives, the contribution of each person is necessary and fundamental, aiming for constant professional growth, which involves continuous enhancement of **Human Resources**.

UMBRAGROUP implements these strategies through its **Quality Management System**, developed and certified according to the rules: ISO 9001, AS/EN 9100, NADCAP and other regulations of the applicable international aeronautical authorities [EASA, FAA, TCCCA, CCAC, CAA].



Consult the **UMBRAGROUP** certifications



## ***DEVELOPMENT SYSTEM***

UMBRAGROUP has adopted the **Integrated Global Development**, an approach that allows the customer co-control in achieving optimal solutions. This is achieved through an interconnected work team and an interdisciplinary and interactive engineering approach.

The integrated development system allows the customers to adopt the perfect solution, designed ad hoc to meet their needs quickly.



## ***PRODUCTION SYSTEM***

UMBRAGROUP works cohesively to **harmonize** and **centralize** the forecasting, planning, and management of customer orders in all our worldwide locations.

The UMBRAGROUP **Production System** is based on a set of tools and rules, derived from Lean Production and 6-Sigma principles. It is suitable for managing productive and organizational activities to guarantee **on-time-delivery** to the Customer, respect for quality targets and reducing waste, with the aim of increasing competitiveness in the market.

It is a Group approach oriented to the consolidation and improvement of all business processes aiming for higher efficiency.



# ***SUSTAINABILITY***

Sustainability for us means acting concretely to protect the environment, the ecosystem, people, and the greater community. It means constantly working on improvements, which can satisfy the needs of the present generation, without compromising those of future generations.

UMBAGROUP's work is therefore oriented on clear and defined directives: on one hand it is our duty **to minimize the impact** of corporate production on the environment, through research and developing new, cutting-edge solutions and processes.

This will allow us to satisfy our customers with a reduced impact on the ecosystem.

On the other, we are constantly focused on guaranteeing the safety and well-being of employees, through projects oriented toward the **work-life-family balance**, psychophysical well-being, and awareness, through refresher courses, communications, and initiatives open to all, and towards the importance of safety in the workplace, the environment and the ecosystem.

## ***CERTIFICATIONS***

• ISO 14001 • ISO 45001 • ISO 50001





**ACTING FOR  
THE NEXT GENERATION**



# Umbra for the social

## **THE VALTER BALDACCINI FOUNDATION**

We strongly believe in the possibility of an ethical approach to economic development, which combines productivity and the centrality of the individual in strategic business decisions.

The Foundation was founded in 2015 to preserve the memory of Valter Baldaccini, founder of UMBRAGROUP, and to continue helping the most vulnerable through social development projects.

**“Together we sowed a great seed  
that will become a great plant”**

*09/04/2014, Valter Baldaccini*

[WWW.FONDAZIONEVB.ORG/IT](http://WWW.FONDAZIONEVB.ORG/IT)









KEEP **EVOLVING**  
IN A **CHANGING** WORLD





***UMBRA GROUP***

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