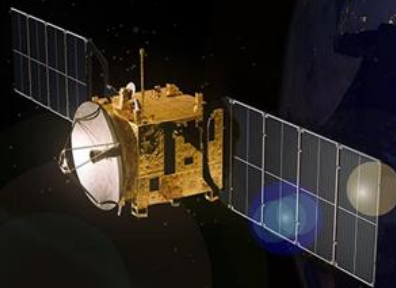


**ALWAYS ONE STEP AHEAD IN
DESIGNING AERONAUTICS AND
AEROSPACE TECHNOLOGIES**



**CATALOGUE
OF THE MEMBERS**



MADE IN ITALY

WHO WE ARE



Working together to face new challenges!

We are a group of leading companies providing “Made in Italy” integrated technologies & products for the aeronautics and aerospace sectors.

We are based in Emilia Romagna, one of the most advanced Italian regions for manufacturing and innovation.

We work closely in the research centers and universities ecosystem, achieving cutting-edge capabilities and skills.

We continuously collaborate with ASI (Italian Space Agency), Confindustria Emilia Romagna, the Emilia-Romagna Regional Government and Clust-ER Mech, the Mechanic and Motoristic Cluster of the Emilia-Romagna Region.

OUR NUMBERS

23

Anser Consortium
Companies

885 mln €

Accumulated Turnover of Anser
Companies in 2021

40%

Export on the Total
Turnover

240+

Clients

200+

RTD Personnel

29

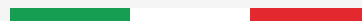
Aerospace & Aeronautics
Patents

10

Major International
Collaborations (eg NATO,
NASA, ASI, ESA,
Government Space
Agencies..)

35

Major Recognised
Certifications



OUR CAPABILITIES

Discover our expertise and technologies in three production chains:

ROTARY-WING, FIXED-WING, SPACE

AERONAUTICS



AIRCRAFT



HELICOPTER

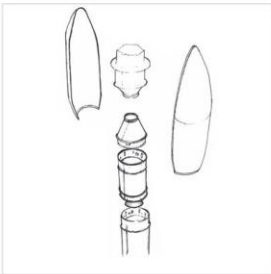


UNMANNED AERIAL SYSTEMS

SPACE



SPACE – SATELLITE



SPACE – LAUNCH SYSTEM

SERVICES



COMPLEMENTARY AEROSPACE SERVICES AND GSE

Offering **"INTEGRATED SOLUTIONS"**, thanks to a high know-how level based on innovative technologies, including Additive Manufacturing

We are proud of being a global provider bringing specialization in 3 production chains: rotary-wing, fixed-wing, and space. From avionics to materials, from equipment to components. From services to advanced devices.

Aeronautics

- Rotary-wing aircraft
- UAS
- Structures verticalization for:
 - Fixed-wing aircraft
 - Rotary-wing aircraft
 - Large earth systems

Space

- Nanosatellites
- Satellites and orbiting station sub-assemblies and components

Flexibility and diversification are the most important features of our production organization.

We respond rapidly to market demand to meet customer expectations.

We are certified by the highest aeronautical common standards and specific customer certifications.



ANSER Companies

SHORT PROFILES
in alphabetical order

About

Andalò Gianni is specialized in state-of-the-art high precision custom manufacturing (turning, 3-4-5 axis milling, flat-round-planetary grinding, wire/ram EDM, laser) of traditional and new materials from prototype to small production series.

We machine a large variety of metals (titanium, Inconel, Invar...) and advanced technical ceramics (silicon carbide and nitride, alumina, zirconia, raw materials plastics loaded with graphite, and other materials such as sapphire, quartz, and carbon fibers) often combined to complex mechanical processing.

The company offers its customers technical support during the design phase and feasibility consultancy. We are equipped with several CAD-CAM stations and an air-conditioned metrology room with three-dimensional measuring machines and cutting-edge measuring instruments.

It has been supplying single and assembled components to the main Italian and European aerospace groups since the early nineties, contributing to various space projects (for example LISA PATHFINDER and CHEOPS projects).

50+

YEARS OF
EXPERIENCE

30

EMPLOYEES

40

CNC
MACHINES

1

AIR-CONDITIONED
METROLOGY ROOM

4

3D MEASURING
MACHINES

3K+

SQM COVERED
FACILITY

Products & Services

- Aerospace
- Racing
- Packaging
- Optical
- Biomedical
- Pharmaceutical
- Food and Beverage
- Research
- Energy

Main Clients

Andalò Gianni supplies top European aerospace brands and companies.



Space

Aviation

Andalò Gianni Srl

Via Serraglio, 46 - 40026 Imola (BO) Italy

Office: +39 0542 640387 | e-mail: info@andalogianni.com

andalogianni.com

Company connected with





ANSA TECH
EXHAUST SYSTEM



SAG
GROUP

About

ANSA Marmitte was founded in 1959 as a family-run company, specializing in the development and production of exhaust systems.

Up to the 90's ANSA Marmitte continued its strong expansion and developed its core business in the supply of Original Equipment (OE) for prestigious manufacturers.

In 2015 the company was acquired by Sag Tubi S.p.a. and became part of SAG Group. ANSA Marmitte became ANSA TECH.

The name renewed but solid in its origin expresses the desire of the new owner to make it even stronger. A company that has always distinguished itself in the world for its quality and sound, and which continues to be recognized for the high performance of its products.

Today ANSA TECH means two plants, both located in Finale Emilia (MO) Italy, one utilized for the offices and production, the other totally dedicated to R&D, Testing, Prototype, and Additive Manufacturing; both locations are newly built and equipped with advanced machines and 4.0 systems.

60+

YEARS OF
EXPERIENCE

100+

EMPLOYEES

1

R&D
CENTER

45%

EXPORT
TURNOVER

50K+

PATENTED EXHAUST
VALVES SOLD PER YEAR

11K+

SQM COVERED
FACILITY

Products & Services

- Aerospace components
- Racing Exhaust
- Motorcycles Exhaust Systems
- Valves
- After Treatment
- R&D
- Additive Manufacturing

Main Clients

- PRIMARY AEROSPACE CLIENT (NDA)
- DUCATI
- PIAGGIO
- APRILIA

Company connected with

Space

Aviation

ANSA TECH SRL

Via Genova 2 – 41034 Finale Emilia (MO) Italy

Office: +39 0535 640 941 e-mail: info.ansatech@sagggroup.com

ansamarmitte.it





About

BERCELLA 's core is first and foremost represented by Composite Materials.

Carbon Fiber, Fiberglass, Kevlar, Zylon, Quartz, PrePregs, Honeycomb, Nomex, Rohacell, Epoxy resins, Cyanoesters resins, and Structural Adhesives are a daily occurrence here at BERCELLA. Composite manufacturing represents our origins and what we have been doing for the past 25 years.

Furthermore, BERCELLA vertically integrated several processes such as Autoclave, Filament Winding, Compression Moulding, CNC machining, Painting, and, most of all, the Designing to drastically reduce the time-to-market for its customers.

The world's most challenging environment, as it is Space, requires state-of-the-art production standards and high-level components made with unimaginable precision.

This is what pushed us to start our adventure in the Space Industry, and what still drives us today in our constant quest for self-improvement. Thanks to this attitude, we achieved our first goal to rapidly become the leading Italian manufacturer for composite structures in the Space Industry.

25

YEARS OF
EXPERIENCE

86

EMPLOYEES

14%

EXPORT

Products & Services

- Composite Materials layup
- Autoclave
- Filament winding
- Compression moulding
- CNC machining
- Painting
- Designing
- Engineering
- Material Testing & Qualification Lab

Main Clients

- Bercella mainly operates in the European Aerospace industry.
- 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).

Company connected with

Space

Aviation

Bercella Srl

Via Enzo Ferrari, 10 – 43040 Varano de' Melegari (PR) Italy

Office: +39 0525 53680 | e-mail: info@bercella.it

bercella.it





About

BLACKS was created in November 2011 by a small group of young but experienced and passionate specialists, willing to focus on design, prototype, and manufacturing of advanced composite materials components.

A solid network of contacts, technical and technological skills, strong innovation commitment and long-lasting partnerships, are the fundamental tools that have led BLACKS to achieve rewarding goals, training a team that today has 60 young, motivated and highly skilled people.

In its history, the company has grown steadily, cooperating with prestigious clients on demanding projects, while expanding its technical potentialities and enhancing its production capabilities. With forward-thinking strategy and continuous improvement on technology and innovation, BLACKS stands out in offering the highest quality products and complete services.

Our agile and efficient structure can optimise every single process step, meeting different requirements, and keeping a flexible and streamline production flow, from incoming raw materials to final inspection.

At BLACKS, manual skills and attention to details combine synergically with engineering skills, prototyping and series production.

10+

YEARS OF
EXPERIENCE

100+

EMPLOYEES

5K

SQM FACILITY

Products & Services

- Advanced composite parts production
- Engineering
- Modelling
- 3D-LAB
- Quality Control

Main Clients

Blacks supplies top European motorsport brands and has established solid cooperations with aerospace innovative companies.

Company connected with

Space

Aviation

Blacks Srl

Via Vittori, 107 – 48018 Faenza (RA) Italy

Office: +39 0546 623307 | e-mail: info@blacks-composites.it

blacks-composites.it



About

BUCCI COMPOSITES designs and manufactures components in high quality composite material, differentiating its offer in the various sectors in which it operates. A dynamic and competitive company, BUCCI COMPOSITES knows how to respond to customer expectations, creating diversified solutions with the most suitable production technologies to face even the most sophisticated requests.

Talking about BUCCI COMPOSITES means talking about high quality standards and reliability in manufacturing processes, respect in procedures, professionalism of the staff in all sectors, guarantee of results, commitment to continuous improvement in production processes, passion and research aimed at innovation.

The company can claim nowadays UNI EN ISO 9001: 2000 quality certification, ISO 14000 environmental certification, ISO 9100 aeronautical certification and IATF 16949 automotive certification

BUCCI COMPOSITES can develop its projects on two factories for a total of 20,000 square meters of production area. It can employ 250 specialized technicians in the composite materials sector and 20 engineers in the technical office for project development.

20+

YEARS OF
EXPERIENCE

250

EMPLOYEES

14%

PRODUCTION
SITES

Products & Services

- OAA (Out of Autoclave)
- AUTOCLAVE (six autoclave)
- PCM Press Moulding (three presses)
- LP-RTM Low Pressure RTM (one injection system)
- HP-RTM High Pressure RTM with Preforming system
- C-SMC (Carbon Sheet Moulding Compound)

Main Clients

- DIEHL
- LEONARDO COMPANY
- AVIO AERO

Company connected with

Space

Aviation

Bucci Composites
Via Mengolina, 22 - 48018 Faenza (RA) Italy
Office: +39 0546 621598 | e-mail: bc.it@bucci-industries.com
bucci-composites.com





About

CIMA is a leading company in the Gears sector since the year 1942.

CIMA provides advanced solutions for high-performance transmissions, co-design, calculation, and industrialization. CIMA has always been cutting-edge with steady investments in manufacturing technologies, heat treatments, and certified special processes for high-quality products and materials (i.e. Nadcap certifications).

Over more than eighty years of history, the company has acquired vast experience.

Today the passion and the work constantly drive CIMA to refine and improve to take up any challenge of the new e-mobility era and support customers in the traditional business.

2 BLN €

COESIA-MAIN GROUP
TURNOVER IN 2019

30 MLN €

CIMA REVENUES IN
2019

150

CUSTOMERS

80%

TURNOVER BY TOP
15 CUSTOMERS

180

EMPLOYEES

80

YEARS OF EXPERIENCE

40%

OF NEW PRODUCTS
LAUNCHED EVERY YEAR

Products & Services

- Engineering
- Turning/Milling
- Gear Hobbing/Shaping
- Robotized Gear Cutting
- Cylindrical Grinding
- Gear Grinding
- Bevel Gear Cutting/Grinding
- Superfinishing
- Non Destructive Testing
- Heat Treatment
- Metallurgical Laboratory
- Assembly

Main Clients

- AVIOAERO
- LEONARDO COMPANY
- COLLINS AEROSPACE
- SAFRAN
- PANKL
- FERRARI
- DUCATI
- LAMBORGHINI
- KTM
- ARRIVAL

Company connected with

Space

Aviation

CIMA S.p.a.

Via Fratelli Cairoli, 8, - 40055 Villanova (BO) Italy

e-mail: luca.greco@cimaingranaggi.it

www.cimaingranaggi.it/en





About

Since 1996 CRP TECHNOLOGY understood and invested in the potential of 3D printing becoming the first company pioneering additive manufacturing in Europe. We empowered the AM technology with the research, development, and creation of reinforced composite materials - Windform - for the most demanding industries.

The revolution among the stars.

In the last decades our high performance composites are helping Aerospace key-leaders to reach their goals manufacturing both space ready functional prototypes and flight proven accurate and reliable components.

Our Aerospace specialists will assist your design experts to get the best results from your additive manufacturing concepts, including improvements to reduce mass, weight, costs and lead-times, while enhancing safety-critical space approved components.

Today CRP TECHNOLOGY is the unique partner of those looking for fresh thinking and innovative solutions in the additive field, for the world of Aerospace, Defense, UAV, Motorsport, Automotive, Robotics and the other advanced industry sectors.

25+

YEARS OF
EXPERIENCE

20

TOTAL 3D
PRINTERS

69%

EXPORT

2

FOREIGN
OFFICES

9 MLN €

TURNOVER

Products & Services

- 3D printed structural components for small satellites
- 3D printed wind tunnel models
- 3D printed functional drone parts
- 3D printed aviation applications

Main Clients

- LEONARDO COMPANY
- GAUSS s.r.l
- ALBA ORBITAL
- HEXADRONE
- PARROT
- TETON AEROSPACE, LLC
- MINI-CUBES, LLC
- LABORATOIRE INTERUNIVERSITAIRE DES SYSTEMES ATMOSPHERIQUES
- FLYING-CAM

Company connected with

Space

Aviation

CRP Technology

Via Via Cesare Della Chiesa 150/C - 41126 Modena (MO) Italy

e-mail: antonio.almenara@crp-group.com

www.crptechnology.com



About

CURTI born in Imola in 1955, as manufacturer of spare parts for textile and agricultural machinery, with about ten employees; today is based in Castel Bolognese and made up of 5 business units with over 600 employees in the group, divided into 10 companies in Italy and around the world.

CURTI is a leader in the supply of aeronautical systems and services, thanks to a recognized reliability, made of very high quality levels. The important collaborations with companies operating in the Naval and Defense sectors have led the way of technological development in terms of manufacturing methods of complex parts, still today the basis of the working method in CURTI.

The great ability to optimize processes, combined with some skills for very specific processes, with the related non-destructive tests, have allowed us to move from a traditional third party account to co-engineering activities, where CURTI participates and proactively supports the design of machines and complex systems for all its customers, using advanced design software such as CREA, CATIA, PRO-E, and others.

To date, CURTI's production plants extend over an area of 60,000 square meters, of which about 30,000 are covered.

66

YEARS OF
EXPERIENCE

600+

EMPLOYEES

85%

EXPORT

2

FOREIGN
OFFICES/BRANCHES

140 MLN €

GROUP TURNOVER

Products & Services

- Sheet metal processing
- Welding of special alloys
- Mechanical machining of chip removal
- Surface and heat treatments on steel, aluminum, titanium
- Non-destructive tests

Main Clients

- LEONARDO COMPANY

Company connected with



About

DIESELJET was established in 2003 as a spin off from FIAT Research Center (CRF) and now today Stellantis Group. The company, EASA certified DOA and POA, is dedicated on the engineering design, development and production of Heavy Fuel Piston Engines for Aviation derived from the automotive field.

The engines can be installed on rotary and fixed-wing aircraft and are currently used for civilian and military applications by important aircraft manufacturers.

DIESELJET holds the EASA Type Certificate of the engine TDA 2.0 I. 16 valve rated at 217 HP as well. Thanks to this achievement, TDA is the first Italian aeronautical piston engine to obtain a Type Certificate since 1943.

All the performance and parameters of our engines are electronically controlled by the fully redundant Dual FADEC developed by DieselJet and certified by EASA.

DIESELJET is going to obtain, within 2022 the MOA certification for Service and Maintenance of Aviation Diesel and Gasoline Engines and injection systems for the major aero engine manufacturers.

20

YEARS OF
EXPERIENCE

90%

PRODUCT
EXPORT

40%

PRODUCTION
INCREASE PER
YEAR

20%

OF REVENUE INVESTED
INTO R&D

Products & Services

- EASA Certified heavy Fuel Engines
- Dual FADEC (Full Authority Digital Electronics Control)
- Engineering Design and Integration Capabilities
- Maintenance Certified Station
- Hybrid Powerpack
- Certified Testing Facilities
- Gear Box and Transmission design and production capabilities

Main Clients

- TEXTRON
- LYCOMING
- IAI INDUSTRIES
- METEOR AEROSPACE
- AIRBUS DEFENCE
- AIRBUS HELICOPTERS
- LEONARDO COMPANY
- YITONG UAV SYSTEM
- POLY AVIATION TECHNOLOGIES

Company connected with

Space

Aviation

DIESELJET srl

Via Via Nuova 27 - 40057, Cadriano, Granarolo dell'Emilia (BO) Italy

Office: +39 051 19934651 | e-mail: info@dieseljet.com

dieseljet.com





About

DTM is active since 1994 in the design, development and qualification of aerospace structures, testing equipments and GSE (mechanical, fluidic, thermal) for satellites, launchers and experiments for manned or unmanned missions. Design tools include 3D CAD drafting and modelling software, structural, thermal and fluidic analysis as well as fracture control analysis software.

DTM facilities include grey areas for integration of small equipments, ISO6 cleanroom, tools and test facilities for manufacturing and verification of composite parts (autoclave), three thermal vacuum chambers with temperature ranges from cryogenic up to 200°C and above, static and fatigue test jigs, shaker and acquisition systems.

DTM head office and laboratory is located in Modena (1100 m2). A second laboratory / integration area is located in Bastiglia (Modena) and provides 500 m2 area (including an ISO 8 clean room) for integration and testing of large equipments, structures and testing facilities (20 tons crane).

30

YEARS OF
EXPERIENCE

1600

SQM FACILITY

50%

EXPORT

2

PREMISES FOR A
TOTAL AREA OF 1600 M2

2,5 MLN €

GROUP
TURNOVER

Products & Services

- Mechanical Design and analysis
- Engineering and testing service
- Satellite and launcher structures
- Space products
- Mechanical and Fluidic Ground Support Equipments

Main Clients

- AIRBUS DEFENCE AND SPACE
- THALES ALENIA SPACE
- OHB
- EUROPEAN SPACE AGENCY
- CIRA - Italian Aerospace Research Centre
- ASI - Agenzia Spaziale Italiana

Company connected with

Space

Aviation

DTM srl

Via Tacito 65 - 41123 Modena (MO) Italy
Office: +39 059 847337 | e-mail: space@dtm.it

dtm.it



About

GENTILINI POWER TRAIN was born in 1967 in Bologna as a grinding company.

Today our company is based in Zola Predosa (Bo), and the core business is the production of camshafts and all kind of power train components. Our mission is to produce high-performing and enduring mechanical components to satisfy our customers across the globe. We aim to make this company a place where our values stand out every day, where partners can grow and develop to guarantee wealth and a better lifestyle for all parties involved.

GENTILINI POWER TRAIN - through the most advanced Engineering in the industry, the experience, and its know-how - offers the Customer collaboration in synergy to identify solutions and ideas to achieve cost reduction and performance improvements in compliance with the specific requirements.

55

YEARS OF
EXPERIENCE

7,6 MLN €

TURNOVER

15%

EXPORT

65

EMPLOYEES

Products & Services

- Grinding shafts
- Camshaft and assy camshafts
- Crankshafts
- Roller lifters and tappets
- Rocker arms

Main Clients

- DUCATI
- PIAGGIO
- HITECO GROUP
- ISOTTA FRASCHINI
- SUPERIOR AIR PARTS

Company connected with

Space

Aviation

GENTILINI POWER TRAIN S.r.l.

Via Piemonte 7/L - 40069 Zola Predosa (BO) Italy
Office: +39 051 755877 | e-mail: info@gentilinipt.com

gentilinipt.com





About

HYPERTEC SOLUTION, active since 2000, is an innovative engineering SME in mechanical design and mechatronics with crucial competencies in these sectors: Aerospace and Aeronautics, Machine tools and automation, Automotive/Motorsport, Virtual Commissioning, Oil & Gas/Soil Drilling.

Since 2021, HYPERTEC SOLUTION has been accredited as an "Industrial Laboratory for Research and Development" by Emilia-Romagna High Technology Network. HYPERTEC SOLUTION technicians, thanks to the experience acquired by collaborations with the best companies in the sector, can design complex systems for space missions. We also design components to be installed on orbiting stations and structural parts for satellites. With our solid aerospace engineering experience, we deal with structural calculations and simulations to guarantee projects that comply with international standards.

We aim to raise the quality of the project to levels of excellence and have a basis for building something new. In fact, aerospace design is born to overcome humanity's limits.

20+

YEARS OF
EXPERIENCE

500+

PROJECTS
PORTFOLIO

100+

SATISFIED
CUSTOMERS

3

OPERATIVE SITE

Products & Services

- Aerospace and aeronautics system design
- Mechanical engineering design
- Structural design and analysis
- Thermal design and analysis
- Fluid-dynamic design and analysis
- Test equipment design
- Engineering service for testing and qualification
- Project management

Main Clients

- CURTI SpA – Zefhir helicopter

Company connected with

Space

Aviation

Hypertec Solution S.r.l.

Via Grande, 350 - 47032 Bertinoro (FC) Italy
Office: +39 0543 44 93 01 | e-mail: daniele.bucci@hypertec.it

hypertec.it





About

IFLY is specialized in developing technological and robotics systems supported by remotely piloted mobile vehicles, such as professional drones, rovers, and wearable, with latest generation technologies and artificial intelligence systems for 3D mapping of infrastructures, in-depth analysis of soils, subsoil surveys, and air quality study.

IFLY carries out interventions on droning aircraft, combining Artificial Intelligence with the remote piloting system. Its vehicles are equipped with the latest technology: scanner lasers, radars, multispectral sensors, gas detectors, thermographic sensors, and cameras for photogrammetric surveys.

IFLY has the ability to operate on land, water and air. IFLY can operate even in the most critical areas, inhabited areas, and major communication routes. It can carry out the interventions within 48 hours, counting on dozens of specialized pilots.

10+

**AERONAUTICAL
ENGINEERS**

30.000.000

M2 RELIEFS ACQUIRED

Products & Services

- Droning of aircraft
- Technological implementations on self-driving vehicles
- Artificial Intelligence Applications
- Laser scanner services for 3D mapping
- Georadar services for the investigation of the subsoil up to 35mt depth
- Services with multispectral sensors for the analysis of the composition surface of the ground
- Gas detectors, for the analysis of air breathability
- Thermographic sensors, for correct mechanical and electrical diagnostic detection operation, to check the state of storage
- Photogrammetric surveys for the generation of 3D models georeferenced

Company connected with

Space

Aviation

Ifly srl

Sede operative: Via Pablo Neruda, 17 – 40139 Bologna (BO) Italy

Office: +39 051 009 6849 | e-mail: alfonso.brunetti@ifly.it

ifly.it



About

MOLLIFICIO F.LLI BALLOTTA was founded in 1959 in Bologna in the middle of the heart of the Motor Valley.

During these several years of experience and hard work, we have become an helpful and trustworthy partner for many notable companies by distinguishing ourselves for high quality and professionalism. We work for several sectors above all motorcycle, medical, pharmaceutical, packaging, aerospace, military, chemical.

Much more is yet to come. We manufacture tailored quality springs. We can deliver customized solutions for every application.

Referring to aerospace, we took part in a first-class project by producing the separation springs in a space launcher.

63

**YEARS OF
EXPERIENCE**

10%

EXPORT

1.2 MLN €

TURNOVER

Products & Services

- Compression springs: Øwire 0,20 - 42 mm
- Helical extension springs: wire 0,20- 25 mm
- Torsion springs: wire 0,20- 25 mm
- Shaped wire: wire 1-6,5 mm
- Disc springs: thickness 0,25 up to 12 mm
- Flat shaped springs: thickness 1-6 mm

Internal Treatments:

- Hardening
- Stress relief
- Shot peening
- Tumbling

Steels:

- Carbon steels EN 10270-1 SM,SH,DH.
- Oil tempered steels: EN10270-2 FD,VD,TD.
- Alloy steel: 50CRV4 EN10089, 52SiCrNi5
- Stainless steels: X7CrNiAl177 EN 10270-3; X10CrNi188 EN 10270-3
- Metals: Titanium gr 5, Bronze CuSn8 ; CuSn6; Bras OT67; CuBe2; Hastelloy C4: NiMo 16CrTi
- Processing tests.

Main Clients

We are a top European motorsport brands supplier, and we took part in an outstanding aerospace project.

Company connected with

Space

Aviation

Mollificio F.lli Ballotta S.r.l.
Via Persicetana, 8 - 40012 Calderara di Reno (BO) Italy
e-mail: molle@mollificioballotta.com
mollificioballotta.com





About

NANOPROM is an Italian company, pioneer in research and industrial application of nanomaterials. Since the late '90s, the company is active in research of nanomaterials based on silica and develops Polysil®.

In this context, the main commercial-industrial enabler for Nanoprom is the experience conducted with Tetra Pak®, in which Polysil was first deeply tested and then chosen to protect all their plants worldwide.

NANOPROM develops its own proprietary products with full respect of health and environment. All the components used for Polysil have been subjected to toxicological and environmental controls. In addition to that the top-level safety of our nanotechnology-based products is ensured by numerous severe tests passed before introducing them to the market.

In a nutshell, all Polysil family products are the guarantee of health and environment protection for the following reasons: The starting components are non-toxic. / Only components bonded in nanolayers are used. / The spray drops are not breathable. / The nanocomponents are attached to the surface without delamination or particulate release.

20+

YEARS OF
EXPERIENCE

+54.76%

FOR THREE YEAR 2017-
20 REVENUE INCREASE

The Financial Times 2022

FT 1000 EUROPE'S FASTEST GROWING
COMPANIES 2022

Products & Services

- Polysil anticorrosion coating
- Ultra-lightweight coating
- Polysil Thermal
- Polysil Thermal Shield
- Aerodynamics drag reduction

Main Clients

- AEROSPACE AND DEFENSE COMPANIES (under NDA)
- F1 TEAMS (under NDA)
- FE TEAMS (under NDA)
- MAHINDRA RACING
- WEC TEAMS (under NDA)
- UNICAL

Company connected with

Space

Aviation

Nanoprom Chemicals S.r.l.

Via Canale 300 - 42013 Sant'Antonino di Casalgrande (RE) Italy

Office: +39 0536 871677 | e-mail: gianluca@nanoprom.it

nanopromsrl.com





About

NES takes care of design (electronic, mechanical, PCB), engineering (DFA, DFM, DFT), assembling, testing and repairing of electronic equipment for all types of sector.

The range of services is completed with the electromechanical assembly.

We are structured to guarantee the realization of the finished product, also with the wiring and final closure in complex mechanics.

With modern equipment and facilities, young and qualified personnel and great passion, the company support every type of reality in Italy and abroad.

10+

YEARS OF
EXPERIENCE

40+

CUSTOMERS

60+

EMPLOYEES

4

BRANCHES

10MLN €

TURNOVER

Products & Services

- Electronic and electromechanical assembling
- Cable and wiring production
- Fast prototyping
- Coating
- Testing and repairing
- Electronic and mechanical
- PCB design
- Product engineering
- Test equipment design
- Obsolescence management

Main Clients

- LEONARDO COMPANY
- MBDA
- IDS
- CIVITANAVI
- MERMECSTE
- ALSTOM
- ABB
- MICRODATA
- CONSILIUM
- MOOG
- THALES

Company connected with

Space

Aviation

N.E.S. S.r.l

Via Ungheri 7/A – 40012 Calderara di Reno – Bologna
cell: +39 335 1939792 | e-mail: marco.punzo@nesitalia.com

nesitalia.com



About

NPC SPACEMIND is the aerospace division of the company NPC New Production Concept s.r.l., providing nanosatellite platforms and ground equipment for civil and defense applications.

The space business unit has been created in 2013 with the mission focus targeted to become leader in nano satellite platform procurement and space related applications offering complete package solutions.

NPC can count on more than 6000m2 of assembly facility and warehouse, including clean room for satellite integration. In the space segment the company is experienced in nanosatellites platform design, manufacturing, and AIT, by means of a portfolio of proprietary nanosatellite products including structures, nanosat deployers, power management system.

NPC operates in the ground equipment business sector by designing and producing a class of tracking mounts for telescopes for electro optical applications and SSA.

The experience of NPC Spacemind includes more than 6 nanosatellite missions both as platform responsible and payload providers.

20+

YEARS OF
EXPERIENCE

25+

PRODUCTS

40

EMPLOYEES

500

SUPPLIERS

Products & Services

- Design and procurement of nano-satellite platform ranging from 1U to 16U satellites.
- Tailor-made platform on Customer payload requirements
- Design and production of cubesat hardware
- Design and production innovative Cubesat deployer SMPOD for 3U and 12U platform
- Design and production of ARTICA deorbiting module consisting in a deployable drag sail

Main Clients

- OHB
- INAF
- L'OBSERVATOIRE DE PARIS
- LEDSAT

Company connected with

Space

Aviation

N.P.C. New Production Concept S.r.l.
Via Errico Malatesta 27/29, 40026 Imola (BO) Italy
Office: +39 0542 362030 | e-mail: info@npcspacemind.com
npcspacemind.com

 **anser**
Aerospace and Space in Italia Group



About

POGGIPOLINI, founded in 1950 in Bologna, Italy, is a leading company specialising in design, engineering and high precision manufacturing of critical and standard fasteners and precision components for aero engine, transmission, landing gear and aerostructure applications.

We provide highly innovative technical solutions from weight reduction to complex assembly and from additive manufacturing to Internet of Fasteners.

Our core business is on critical components and structural fastening systems for the aviation, defense and space sectors. We are EN 9100 and Nadcap certified and we are innovation driven with our internal Open Innovation Center, Speed Up Lab.

72

YEARS OF
EXPERIENCE

22 MLN €

TURNOVER

100

EMPLOYEES

5

FOREIGN
COMMERCIAL
OFFICES

70%

TURNOVER IN
AVIATION, DEFENSE
AND SPACE

50%

EXPORT
TURNOVER

Products & Services

- Specialty Fasteners: critical and vital bolts, studs, nuts and screws in titanium, inconel and special steel alloys, produced from machining and/or hot forging and hot thread rolling
- Standard Fasteners: aerospace standard bolts, studs, nuts and screws produced in titanium and inconel
- Engineered Products: Lock nuts, lock washers, rods, fluid fittings and connectors
- Critical Products: transmission axles with splines and assembly
- Precision Products: aerostructure components, housings and cases
- Engineering, manufacturing and assembly of custom project, using also advanced technologies as additive manufacturing if required

Main Clients

- LEONARDO COMPANY
- SAFRAN
- BOEING
- GE-AVIO
- HUTCHINSON
- AVIO SPACE
- FERRARI
- LAMBORGHINI

Company connected with

Space

Aviation

Poggipolini S.p.a

Via Emilia 262, San Lazzaro di Savena 40068, (Bo)
Office: +39 051 6256090 | e-mail: contact@poggipolini.it
www.poggipolini.com



About

TEC EUROLAB is an independent and impartial third-party industrial laboratory and test centre which includes: Non destructive testing; chemical and physical testing; metallurgical, ageing and corrosion testing; mechanical testing and machining department; product validation, certification and training services.

Since 1990, with over thirty years of experience, TEC EUROLAB offers complete confidence in every stage of production and across every link in the supply chain and it's a reliable, internationally recognised partner capable of supporting decision-making, from design to final testing. We assist manufacturing companies, from automotive to aerospace, from energy to biomedical, from food to cultural heritage, in obtaining and verifying the maximum performance of products and processes, achieving the best standard of quality and safety.

Accreditation according to UNI CEI EN ISO/IEC 17025:2018, 17024:2012 and 17065:2012 standards guarantee its competence, independence and impartiality.

NADCAP accreditation and UNI EN 9100:2018 certification also attest to the company's expertise in the aerospace and defense industry.

30+

YEARS OF
EXPERIENCE

5K

SQM TESTING
AREA

3

PLANTS IN
CAMPOGALLIANO
(MO)

90

EMPLOYEES

Products & Services

- Material testing
- Material aging and corrosion testing
- Failure Analysis
- NDT testing
- Industrial tomography
- Test engineering
- Certification
- Training courses
- Welding and Inspection
- Additive Manufacturing testing center
- Composite testing center

Supplier Qualified by Top Clients

- GE AVIATION
- LEONARDO SPA
- AVIO SPA
- THE BOEING COMPANY
- SAFRAN LANDING SYSTEMS
- AVIO AERO
- ELBIT SYSTEMS

Company connected with

Space

Aviation

TEC EUROLAB SRL

Viale Europa, 40 – 41011- Campogalliano (Mo) Italy
Office: +39 059 527 775 | e-mail: info@tec-eurolab.com

www.tec-eurolab.com



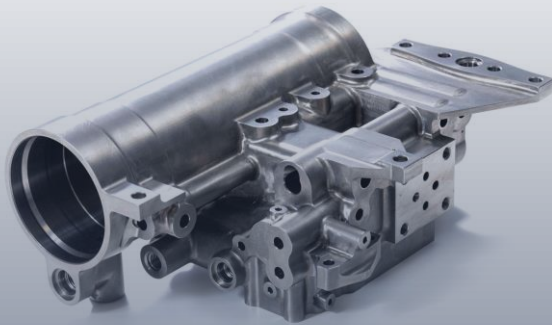


About

VECA can manufacture single components and mechanical assemblies to customer specifications and carries out functional tests and trials where required.

Our experience allows us to support our customers from prior feasibility analysis and studies to consulting, where necessary, to optimize delivery and increase efficiency.

The strategic path taken by the factory is to directly manage the key production processes to guarantee the stability of the supplied product over time, minimizing the risks of subcontracting and ensuring maximum confidentiality regarding the cutting-edge technologies employed.



60+
YEARS OF
EXPERIENCE

27 MLN €
TURNOVER

44%
EXPORT

100
EMPLOYEES

Products & Services

- Link and attachment parts
- Actuator Manifold Systems
- Lube Pump Assy
- Hydraulic Manifold
- Auxiliary Generator Drive Assy

Main Clients

- FERRARI
- LEONARDO COMPANY
- TRD

Company connected with

Space

Aviation

VECA SPA

Via Morello di Mezzo, 101/105 - 41011 Soliera (MO) Italy
cell: +39 3356104684 | e-mail: claudio.ferrari@veca.it

veca.it





About

V SYSTEM was born and raised in the Motor Valley. Since 2013 the company is the welding and plastic forming hub within the VECA GROUP.

Thanks to the experience gained in the Formula 1 World Championship, today, Vsystem is a leading company for special alloys and ultra-light materials processing.

V SYSTEM uses hydroforming technology and automated bending and welding systems to create complex and refined shapes.

Engineering and rapid prototype services, leak tests, spectrographic and dimensional analysis allow us to develop components for some of the most advanced vehicles and machines produced by humankind.

10

**YEARS OF
EXPERIENCE**

70%

EXPORT

7

F1 TEAMS SERVED

25+

EMPLOYEES

Products & Services

- Welding (TIG, protective atmosphere)
- Hydroforming (complex geometries, tight tolerances and lightness)
- Tube bending (even tiny thicknesses)
- Structural components (trellis frames, suspensions and safety cells "F1 – Halo")
- Tools design / engineering
- Dimensional checks
- Non-destructive testing (NDT)
- Reverse Eng. with 3d scanners

Field of Applications

- Super Car Manufacturers
- Motor Bike Manufacturers
- Structural parts
- Hydroformed components
- Welded assembly

Motorsport main competitions:

- F1 Teams
- Nascar Teams
- Endurance teams
- WRC

Company connected with

Space

Aviation

VSYSTEM SRL

Via XX Settembre, 17-19 – 41042 Fiorano Modenese (MO) Italy

Office: +39 0536 035 111 | e-mail: info@vsystem.it

vsystem.it



About

Founded in 1967, ZOCCA COATINGS is specialized in coatings for industrial applications in order to improve anti-corrosion, anti-wear, non-stick and anti-friction behaviour of surfaces.

Located in an area with a strong entrepreneurial tradition, from its beginning, the company provides specific and performing solutions for the industry. The main applications range from pharmaceuticals to food industry, packaging machinery and the automotive sector, with a specific section for aerospace applications.

ZOCCA COATINGS collaborates with original equipment manufacturers (OEMs) and its activity is supported by a constant pursuit for coatings systems to address the manifold requirements of the market and provide solutions to the growing needs of the manufacturing sector. Today, quality, reliability and custom-oriented services allow ZOCCA COATINGS to guarantee consistency and excellence, in the name of innovation and commitment to the customer.

50+

**YEARS OF
EXPERIENCE**

100+

COATING TYPES

15+

**DIFFERENT
AEROSPACE
PROGRAMS**

Products & Services

- Coatings on demand
- Surface preparation
- Conformity assessment
- Service solutions
- Maintenance Repair Overhaul

Main Clients

- COLLINS AEROSPACE
- LEONARDO S.P.A.
- S.I.ME SOCIETA' INDUSTRIA MECCANICA S.R.L.
- CAMS S.R.L COSTRUZIONI ATTREZZATURE MACCHINE SPECIALI
- ESSETI MECCANICA DI PRECISIONE S.R.L.
- CO.ME.AR. S.R.L.

Company connected with

Space

Aviation

ZOCCA COATINGS SRL

Via Agucchi 41/45, 40050 Argelato (BO)

Office: +39 051 861455 | e-mail: fabio.sanzani@zoccarivestimenti.it

zoccarivestimenti.it



About

3D4MEC, the first Italian company to develop and market specialized 3D printing systems for metals, was founded in 2016 and is part of the group of companies headed by Ivano Corsini, an entrepreneur with more than 35 years' experience in the mechatronics and manufacturing sectors. The years spent within the metal additive manufacturing sector combined with the years matured in the mechanical sector have empowered Ivano Corsini to develop a productive method, CorSystem, a superfast 3D printer for mechanics. 3D4MEC produces specialized machines for the process of specific alloys, customized for the production needs of every single customer, to optimize performance and make production with additive manufacturing the most efficient and cost-effective possible. 3D4MEC produces, upon order, two different specialized systems of 3D printing for metals, customized to the production needs of each customer. 3D4STEEL and 3D4BRASS.

6+

YEARS OF
EXPERIENCE

5+

EMPLOYEES

750

SQM FACILITY

Products & Services

- **3D4STEEL First 3D printer specialized in the process of steel:** Compared to other metal additive generalist and multi-material technologies, 3D4STEEL, thanks to its specialization in processing steel alloys, permits the production of complex pieces at the lowest cost possible with maximum mechanical properties and performance suitable to mechanical applications
- **3D4BRASS First 3D printer in the world for production of brass components:** Compared to traditional solutions for the production of brass components, 3D4BRASS allows 3D printing production in 3D directly in brass, without intermediary steps, guaranteeing
- **New Powder & Process Development:** In case we are missing a crucial material on our catalog that the customer wants, 3D4Mec offers a service of research & development of new alloys p 3D printers for such new materials

Company connected with

Space

Aviation

3D4MEC S.r.l.

Via Via Porrettana 48, 40037 Sasso Marconi (BO), Italy

Office: +39 051 846994 | e-mail: info@3d4mec.com

3d4mec.com



About

Clust-ER MECH's main purpose is to improve the competitiveness of the Emilia-Romagna innovation ecosystem for the **advanced manufacturing and the mechatronics sectors**, gathering key actors and creating connections among private and public institutions and supporting the exchange of **skills, facilities and R&D opportunities**. Clust-ER MECH is an **association counting more than 130 members** among corporates, SMEs, academic institutions, R&D centers and training organizations who work together for reaching higher levels of competitiveness, both on a local and international level. Clust-ER MECH **daily cooperates with the Emilia-Romagna regional Government** and, in collaboration with its members, the association constantly work to strengthen the regional network, support applied industrial research and foster the development of joint projects in the framework of collaborative research. Among different topics, the focus is also on **Aeronautics and Aerospace technologies development thanks to a specific working group - named Fly.ER** - which involves more than 50 representatives of enterprises and laboratories with the aim to cultivate the dialogue and enrich the opportunities for new projects.

130+

MEMBERS

8

TECHNOLOGICAL AND SECTORAL
WORKING GROUPS

200+

PEOPLE INVOLVED

Working Groups

- 1) Digital and Advanced Manufacturing (DaAMA)
- 2) Automation and Robotics (A&;RER)
- 3) Safe, efficient, connected vehicles (MOVES)
- 4) Advanced Materials (MAMM-ER)
- 5) Avionics and Aerospace (Fly.ER)
- 6) Naval Industry (NAUTICAL)
- 7) Fluidpower Machines (FP)
- 8) Mobile Electrification Systems (ER-MES),

Main collaborations

- Member of ELCA - the European Lightweight Cluster Alliance
- Member of the EU Interregional WIRELESS ICT partnership

Company connected with

Space

Aviation

ASSOCIAZIONE CLUST-ER MECCATRONICA E MOTORISTICA

Via Piero Gobetti 101, 40129 Bologna (BO)

e-mail: info@mech.clust-er.it

mech.clust-er.it/en/

About



The Intesa Sanpaolo Group is one of the top banking groups in Europe, with a significant ESG commitment, a world-class position in Social Impact and strong focus on climate.

Intesa Sanpaolo is the leading banking group in Italy, with 13.5 million customers and approximately 3,700 branches, and the leading provider of financial products and services to both households and businesses in the country, in particular in banking intermediation (with a share of 20% of loans and 22% of deposits), in managed savings and pension funds (24%) and factoring (25%).

285

**PRESENCE IN
SIGNIFICANT
CITIES**

28

**PRESENCE
ACROSS
COUNTRIES**

13.5 MLN

CUSTOMERS

3,700

BRANCHES

In addition, the Group has a strategic international presence, with approximately 1,000 branches and 7 million customers.

It ranks among the top banking groups in various countries of Central-Eastern Europe and the Middle East, and North Africa thanks to its local subsidiaries: it ranks first in Serbia, second in Croatia and Slovakia, fourth in Albania and Slovenia, at fifth in Bosnia-Herzegovina and Egypt, sixth in Moldova and seventh in Hungary

Company connected with



☎ +39 0546 655440

✉ info@anser-it.it

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