



COMPANY PROFILE

2025

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O. BERKOL



D. LAZZERI



P. USLENGHI



M. EID

EXCELLENCE IS OUR MISSION

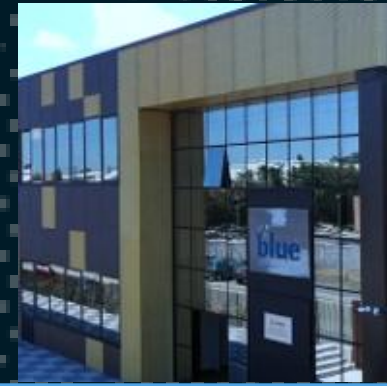
BLUE Engineering, founded in 1993, provides specific design services to fields of excellence, such as automotive, railway and aerospace. The robust multisectoral know-how and the unique specialization in numerical analysis distinguish us on the market and permit us to give you the highest quality level during all the development stages: **concept & styling, design, engineering, virtual prototyping simulation, testing validating and ICT.**

HEADQUARTER & SUBSIDIARY

The company HEADQUARTER is located in Turin, the 2008 World Design Capital and the Italian car design hometown.

The subsidiary is located in Naples, close to the aerospace southern district.

TORINO

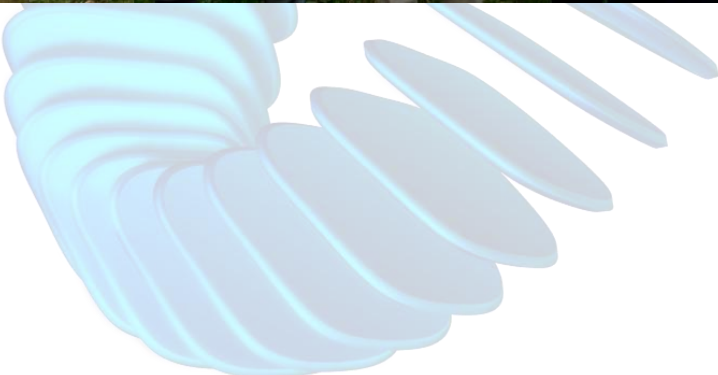


NAPLES





Multi-disciplinary team



For a development project to be successful, it is essential to integrate skills across all areas, including design, functionality, and innovation. **Our group of expert designers and technicians** collaborates closely, maximizing efficiency and delivering consistently dependable outcomes..

The organization is consistently prepared to tackle new challenges due to its talented and highly driven workforce. The team prioritizes investment in professional development and training to enhance knowledge and skills.



What we do

- Turn-key development
- Platform management
- Contractor coordination
- Issuing of specification
- Technical documents
- Cost analysis

Plus

- Ideas of innovation
- Optimization in quality/charge relationship
- Effective processing methods
- Perfect knowledge of new cad/cae systems
- Highly skilled team
- Top flexibility of service

Idea of Design

- To give each product its personality
- To be the point of contact between design and technology
- To improve consumers' quality of life
- To represent the basic feature of product success
- To act A lever of economic development given that it is competitive and innovative
- To express cultural values

Fields of expertise



AUTOMOTIVE

Design, Concept, Engineering BIW Trim, Simulation, Prototyping & Manufacturing, Testing & Homologation, Automation, IT



AERONAUTICS

Design, Engineering, Information Technology



AEROSPACE

Design, Product & Manufacturing Engineering, Testing & Homologation Management, Commissioning.



RAILWAYS

Design, Product & Manufacturing Engineering, Testing & Homologation Management, Commissioning.



MARITIME

Design, Product & Manufacturing Engineering, Testing & Homologation Management, Commissioning.



TEST BENCH

Design, Engineering, Manufacturing Engineering, Certification Assistance, Commissioning.



ICT

Intelligent plant layout, production line design and equipment selection, application software development, big data equipment, IOT, AI application



Automotive

TRANSFORMING CONCEPTS FROM WHITE PAPER TO PROTOTYPE.

BLUE's automotive development efforts span the globe, serving clients from regions including the EU, China, and the Middle East.

The company offers **TURN-KEY DEVELOPMENT** along with specialized services such as artistic modeling, integrated automotive engineering, simulation analysis, prototype vehicle production, test and homologation management, and ICT for mass production lines.



Railways

FROM WHITE PAPER TO HOMOLOGATION

The company has a wealth of experience in designing various rail vehicles, which includes high-speed trains, EMU, DMU, articulated vehicles, pendulum vehicles, light rail, low-floor, subway, single-decker passenger cars, double-deck passenger cars, bogies, and testing equipment.

Blue is capable of delivering turn-key project designs for rail vehicles. Specifically, we possess technical expertise in body design, bogie development, and simulation analysis. Additionally, we have the capability to integrate these skills into other relevant areas.



Aerospace

VALIDATE AND IMPROVE DESIGN SOLUTIONS

BLUE aerospace collaborates primarily with the European Space Agency and significant aviation and aerospace firms in Italy.

The company offers **services including innovative concepts, theoretical models, aerodynamic analysis, and structural design technology**. Recently, BLUE has broadened its offerings to include structural design, simulation analysis, modeling, testing and certification, along with various design service capabilities for projects.

AIRCRAFT



PRIMARY/SECONDARY & SUBSYSTEM COMPONENTS



HELICOPTER



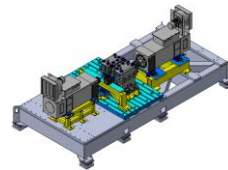
ISS – INTERNATIONAL SPACE STATION



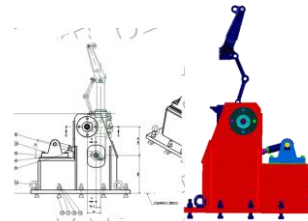
Test benches

FROM CONCEPT TO FULL COMMISSIONING

Due to BLUE's vast expertise in test bench engineering, the firm has been selected to create the **16 test benches for the Italian National Railways Test and Certification Centre**, along with developing the test bench for aircraft components. In the past few years, the company has begun offering engineering design services that include the comprehensive design of the test rig, development of testing programs, layout of test sites, and design of process tooling.



SPUR GEAR TEST BENCH



HELICOPTER TEST BENCH



DYNAMOMETER



CARBODY



AXLE BOXES



AXLE



TWISTED & SOUPLLESS

MES - Industrial Automation

TURN-KEY SOFTWARE SOLUTION

With its proficiency in product design, software engineering, and information technology, BLUE offers industrial automation technology services to leading automotive manufacturers and parts suppliers in Italy.

BLUE delivers engineering design services that include **smart plant layout**, **production line configuration**, **equipment selection**, **application software development**, **big data management**, **quality control**, and **smart logistics management**. This year, the company is actively participating in the "Industry 4.0" initiative focused on intelligent plant technical services.



AUTOMATION SYSTEMS



TRACEABILITY



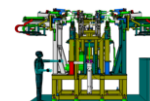
FIAT CHRYSLER AUTOMOBILES



A Finmeccanica Company



MANUFACTURING & LOGISTICS INFORMATION TECHNOLOGY



SOFTWARE PLC & SCADA

Maritime

VALIDATE AND ENHANCE DESIGN SOLUTIONS

The primary partners of BLUE Maritime are yacht manufacturing firms based in Italy. BLUE offers **expert simulation analysis and structural design services**, with a particular emphasis on simulating fluid and gas composite dynamics. Recently, the company has expanded its offerings to include engineering design, graphic design, structural design, and simulation analysis.

YACHT



SPECIAL SHIP



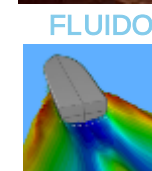
MEGA YACHT



MEGA YACHT



SPEEDBOAT



FLUIDO



Research

KNOWLEDGE ENHANCEMENT

Over the last three decades, BLUE has enhanced its expertise through participation in various scientific research initiatives in the EU and Italy. These projects spanned multiple disciplines, including **aerospace**, **automotive**, **rail vehicles**, **computing techniques**, and **software systems**. The research and development outcomes produced by the company have been successfully implemented in practical applications, yielding favorable results.





DIN EN ISO 9001:2015



ISO/IEC 27001:2013



WELDING CERTIFICATE

Certification

The concept of quality drives our thoughts, resources, and actions. Our current level of progress and the foundation for future growth stem from this motivating force. Quality is what we aim to convey in every word and image. Our goal now is to substantiate this idea with factual evidence. The expertise, knowledge, and capabilities of **BLUE Engineering** are fully demonstrated through the projects we undertake for our clients.

BLUE Engineering is a part of your product.

BLUE Engineering is present in the innovations sought by the market, in the utmost reliability, and in the economic factors that align with the quality you rightfully expect.

*Together as One
Driven by Innovation, Trusted for Reliability.*



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**LET'S SHAPE THE
FUTURE TOGETHER** 