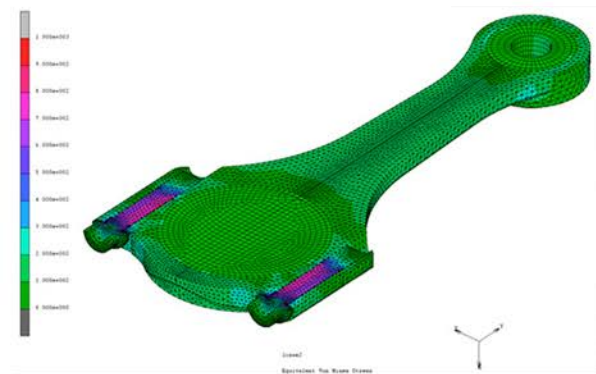




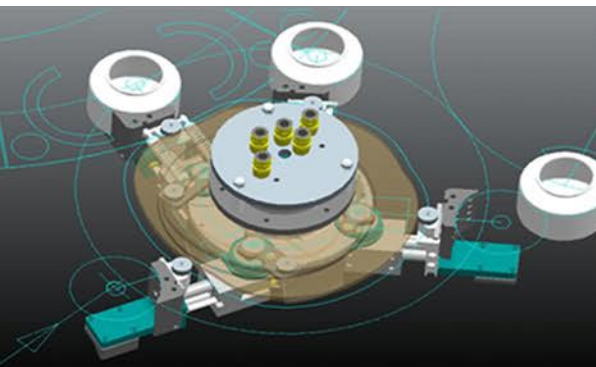
Services

With its pro-active approach, Euclide provides a wide range of services, meeting the all the expectations of its customers, from innovation to fine-tuning and performance management.



Analysis

Analysis of new ideas within the widest range of different mechanical solutions, development of new mechanical structures, structural behavior assessment, crash analysis, modal analysis, engineering studies of mechanical systems, topological optimization, static/dynamic – linear/nonlinear analysis, kinematic and kinetodynamic analysis, thermal analysis, fatigue analysis, buckling analysis. Euclide can support you in all these stages, with reference to the whole range of services and fields and in order to identify the best solution to your problems.



Planning

Preliminary planning and setting up of the project. Imagining, proposing, defining and developing any kind of request, from the preliminary project to the manufacturing of the machine or mechanical part, also thanks to the experience gained over the years in several fields.



Reverse Engineering

Studying, analyzing and proceeding thanks to our skilled technicians and relying on Cam2 Edge, the measurement machine suitable to assess the quality of products in all relevant fields, thus reproducing the item (entirely or in part) and with the aim to accomplish the product re-engineering in the best possible way.



Quality Control

Microhardness analysis, metallographic and dimensional analysis; we have a metrologic room, with tridimensional measurement machines, at our disposal. Euclide is well equipped to carry out these activities within different fields, with the aim to always satisfy our customers' needs.



Experimental Analysis

Extensometers, accelerometers, electronic and software, supported by professional expertise, provide the perfect synergy to ensure precise and effective results. Tests and controls, statistic interpretation, validation of numerical modeling and assessment of studies. The method and advantages for each field, as a result of accurate experimental analysis.

Fields

Euclide operates in 5 fields, each of them organized according to precise criteria and methodologies, which have been developed over the years with the aim to offer the best possible performance. Thanks to advanced technologies and highly qualified resources, Euclide has been able to make remarkable progress over the years.



Automotive

Euclide boasts a decades-long experience in the automotive field, with special reference to skilled technicians and knowledge of related issues. Euclide is aware that improving effectiveness and efficiency is critical in order to have success in the business; a growing attention to innovation can also be observed in all automotive-related sectors, such as motorbikes, aircrafts, safety and cars.



Industrial

Euclide is committed to carrying out projects in the below mentioned fields. The company has the technical and specific knowledge suitable to meet the customers' requirements.

Measurement and control devices, lift trucks, aerial platforms, machine tools, oil-hydraulic presses, toggle presses, pressure retaining vessels, earth-moving machines, industrial robots, agricultural machineries.



Biomedical

Over the last years, the biomedical sector has shown a huge potential for growth, as it conjures up new technologies and innovation processes from other fields. Furthermore, people are showing a growing interest in biomedical products.

The company makes use of both planning and analysis applied to areas in which it believes to have reached an advanced level: electromedical orthoprosthesis and pharmaceutical.

Euclide is eager to take part in the development process of biomedical sciences, as this sector plays a relevant role within the health industry. The Emilia Romagna region boasts a renown biomedical industry, and we are proud to be part of it.



Automation

Euclide is committed to carrying out projects in the automation field. With the introduction of process and virtual analysis, this sector has experienced a radical change over the last years. Euclide is capable to support all customers willing to achieve these objectives in the most rapid time. The focus is on:

- eliminating manual operations
- reducing manpower with reference to machine management
- allowing simultaneous processing
- improving quality
- manufacturing mechanical parts for automatic machines
- producing small-sized equipments as well as complete machine lines and automatic plants.



Design

Our company specializes in planning, production, manufacturing of complex items, design for future industrial production, product aesthetic, curves, lines, materials. Everything is aligned according to current style and customers preference.

Automotive design, industrial design, packaging design, interaction design: Euclide was also established to take into account the aesthetic part, following the directions from our customers and according to current design criteria.





About Us

Euclide was the most influential mathematician in ancient history. He formulated the first systematic and complete representation of geometry. Leading a large team of scholars, he was able to introduce new methods of analysis, synthesis, calculation, reduction and principles of higher mathematics, which had a great influence on later mathematicians.

TODAY, Euclide is a company that relies on most advanced design tools, also supported by highly specialized pillars in our fields. Our strength and knowledge will enable us to reach high-level targets. Our commitment to research allows us to satisfy all our customers' needs.

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