

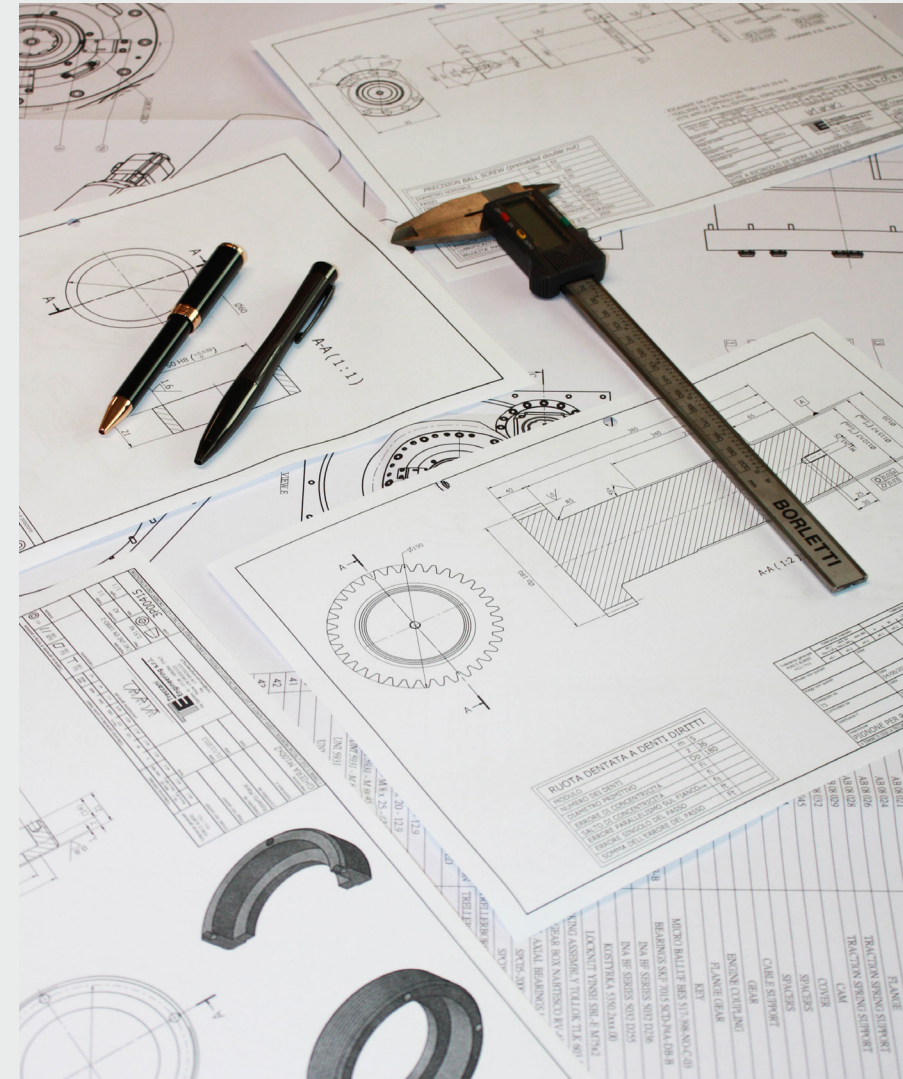
A COMPLETE TECHNOLOGY SERVICE

Our engineering develops and designs optimal solutions for automatic handling and standard and special machining operations on materials such as steel, titanium and cast iron.

These solutions are realised, depending on customer requirements, through an optimisation production process that leads to the subsequent industrialisation of the product.

We give solid shape to your ideas.

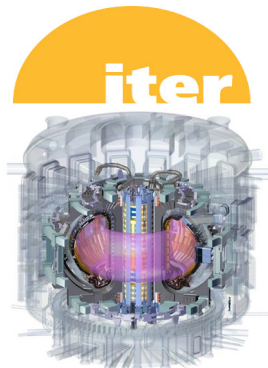
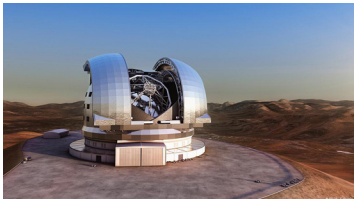
We design and create solutions for automation in the mechanical industry and machine tool sector.
We provide a complete design and prototyping service for new products.



HISTORY

Treccani Engineering have started activity in 2011 in Verona (Italy). From 2007 to 2011, Eng. Treccani collaborated with different companies designing new machines and manufacturing prototypes concerning various sectors of industrial automation, machine tools and general mechanics. During these years of work experience, several projects were developed for different types of customers. The main international research projects we have worked on are:

 Large Binocular Telescope Observatory



PURPOSE AND RELIABILITY

We aim to develop support activities to prop up customers in the realisation of new products and the optimisation of existing products.

We can guarantee to the customer **quality** and **reliability** respecting the requested functionalities in the technical specifications defined following our experience.

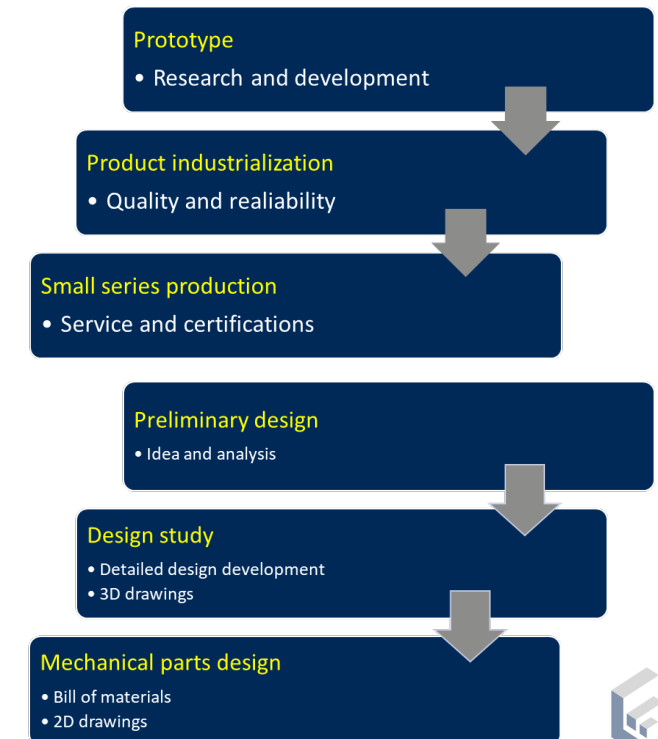
We are experienced partners who translate customers' ideas or needs into feasible designs and prototypes realised with competence and expertise.



PRODUCTION AND SERVICES

We are able to produce batches of small **series** with the realization of the initial prototype and subsequent industrialization.

The competence and in-depth experience that guide us make us the right partner for an all-round collaboration that develops from the idea to the finished product.



INSTRUMENTS

3D DRAWING SOFTWARE:

AUTODESK



AUTODESK®
INVENTOR

SOLIDWORKS

 **SOLIDWORKS**

SOLID EDGE



SOLID EDGE

CALCULATION SOFTWARE:

- FEM analysis: Ansys
- Gears and shaft of mechanical transmission: Kisssoft
- Engineering calculations: PTCmathcad

ANSYS

 **Ansys**

KISSOFT

KISSsoft

PTC MATHCAD



ptc
mathcad®

YASKAWA INVERTER MANAGEMENT TOOLS:

- engine analysis software
- sensor analysis software

YASKAWA INVERTER



3D PRINTER A4v4

- Realization of prototypes
- Print volume: 300x171x200 mm
- Made of stainless steel and high resistance components to achieve a consistent performance 24/7
- Entirely made in Italy

3D PRINTER A4V4

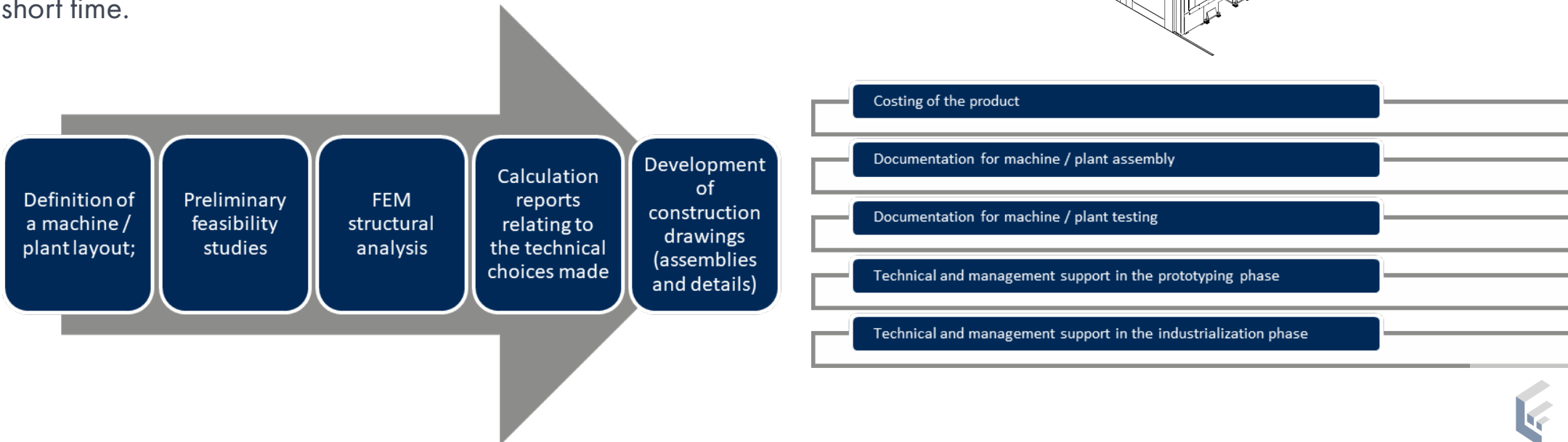
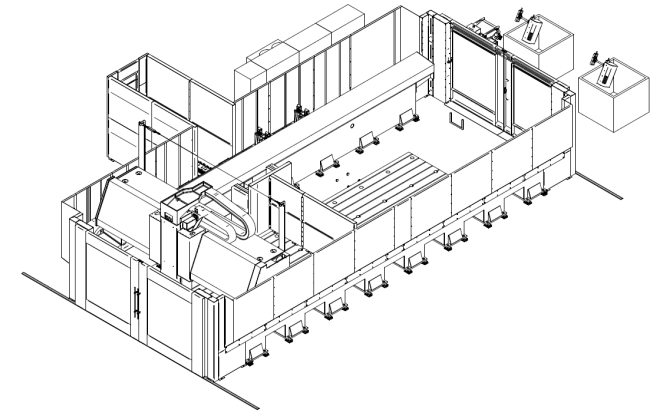
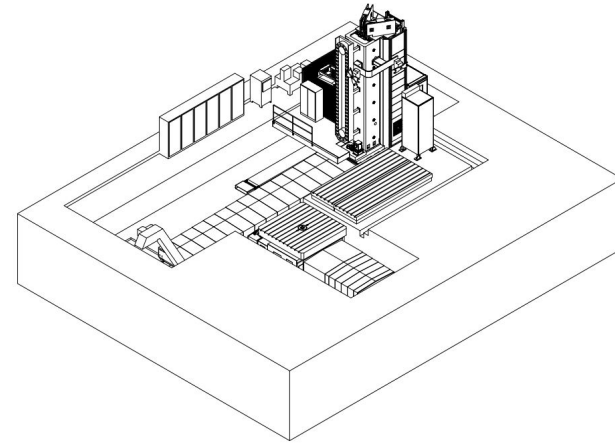


DESIGN SERVICES

Mechanical design services are guaranteed through our knowledge of the main technologies on the market, which ensure maximum functionality and are developed according to the following scheme:

- feasibility study
- detail study
- development of parts and assembly tables

Everything is developed through a full integration with our suppliers,
which allows us to make changes and improvements in a very short time.



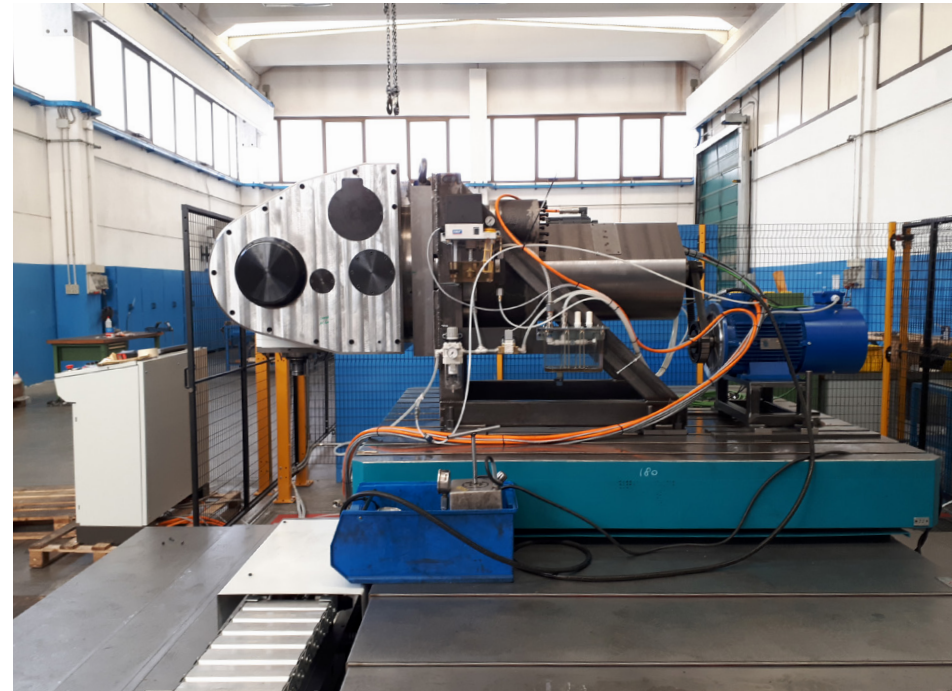
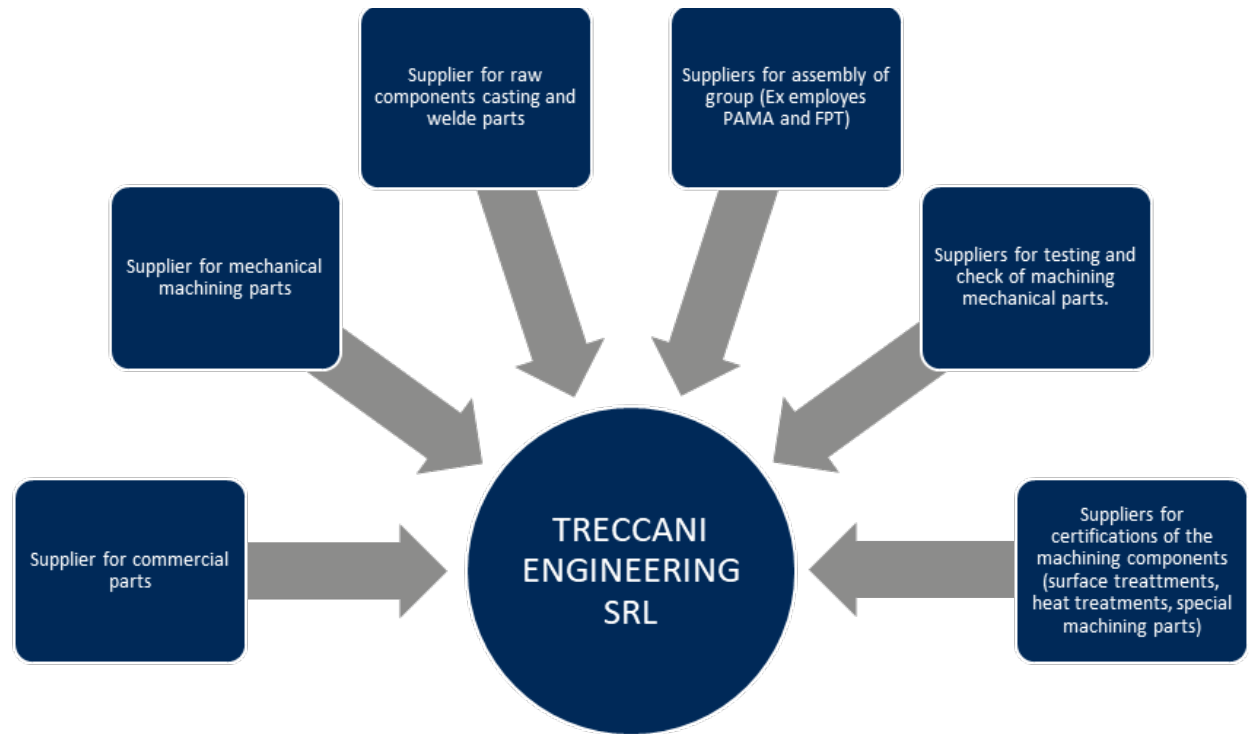
PRODUCTION SERVICES

The production services also follow a meticulous logic following the ensuing steps:

- prototype realization
- small-series construction
- industrialization of the product

We produce for our customers all the necessary components and the equipment for the mechanical industry.

The diagram summarises our outsourcing management for the creation of the various products according to the specifications identified for the different types of our partners.



MAIN CUSTOMERS

MACHINE TOOL SECTOR



AUTOMATION SECTOR

