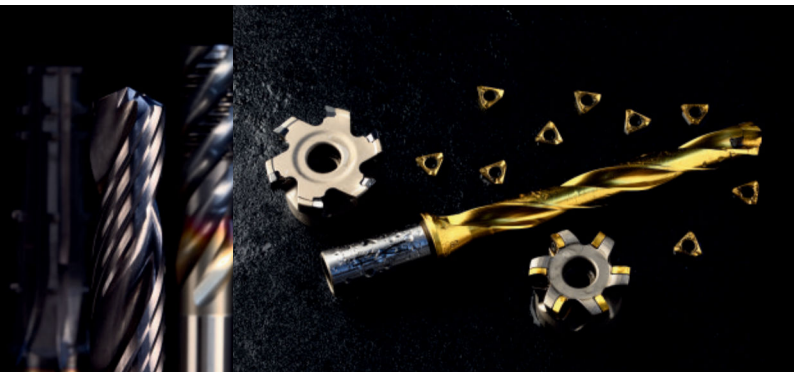


**esstierre**<sup>®</sup>

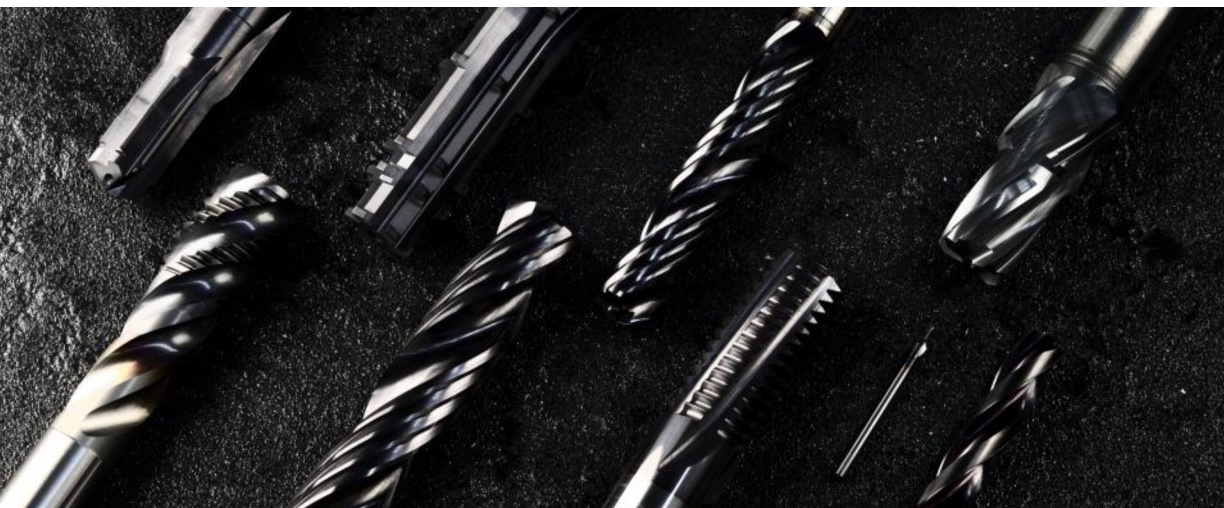


## TECHNOLOGY AND DEVELOPMENT

Technological solutions to boost your productivity



[www.esstierre.com](http://www.esstierre.com)



## OUR VALUES

# professionalism, quality and a focus on the customer

We are distinguished by the choice of technologically-advanced products and solutions. Our goal is to offer our customers the best tools to achieve the **greatest results**.





# COMPANY PROFILE

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# IN THE MECHANICAL PROCESSING SECTOR SINCE 1984



# INTRODUCING ESSETIERRE

ESSETIERRE S.r.l. was founded in 1984 on the ambition of three technicians who, after years of experience in the realm of mechanical processing, equipment design and technical assistance to customers, decided to start their own business and create a company able to **concentrate entirely on:**

## DESIGN

Made-to-measure solutions, equipment and special machines for the mechanical industry

## MANUFACTURING

Manufacturing complete equipment with all parts and components

## RESALE AND REPRESENTATION

Tools and accessories for metalworking workshops

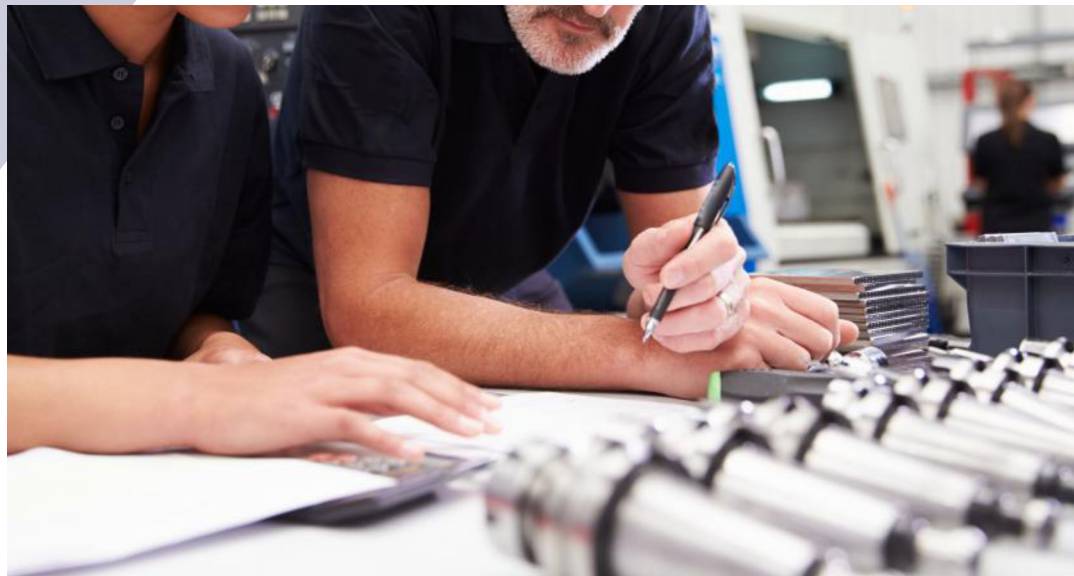
## 40 YEARS OF OPERATION IN THE PROCESSING MACHINERY SECTOR

From the outset, ESSETIERRE S.r.l. has had the objective of providing the customer - in addition to a comprehensive service for the most complex needs - **significant technical support**, applied in the choice of tooling and technology for any type of mechanical processing in a sector undergoing continuous development.

The workforce currently consists of highly-qualified people, some in charge of sales and others in charge of the development and design of third-party equipment. The sales division is characterised by a high dynamism in working on and solving customer problems, always keeping pace with the constant evolution of the market.

The design sector, which today boasts extensive experience in the various sectors of intervention required by the mechanical sector, specialises in:

- Equipment for mechanical processing
- Special tooling
- Test benches
- Production and control machines
- Lifting system



ISO 9001:2015 certified company

## OUR SERVICES

The technical office avails of 2D and 3D CAD systems, being able to provide **turnkey products**.

In equipping machine tools, the supply ranges from **the piece clamping equipment to the tooling, along with any item necessitated by the work cycle**. Also for this activity, we are able to offer a comprehensive service.

## OUR PROJECTS

In addition to the realisation of its own projects, ESSETIERRE S.r.l. deals with the manufacture of third-party projects and the relative **certification**  when requested.

# OUR FEATURED PARTNERS

## MACHINE TOOLS



## CUTTING TOOLS



## MACHINE TOOL EQUIPMENT



## SPECIAL TOOLING



**MI McELROY**  
EXCLUSIVE FOR ITALY

## MEASURING INSTRUMENTS



## OILS AND CHEMICAL PRODUCTS



## INDUSTRIAL FITOUTS



## ACCESSORIES



The name McElroy is recognised worldwide as the manufacturer of the most versatile, reliable, robust and technically-advanced equipment on the market. Over the past 55 years, McElroy has offered an extensive range of finning equipment models.

Our position as a leading company in the sector derives from our commitment to the manufacture of efficient and reliable machinery in conjunction with the solidity of the technical support offered.

The McElroy-Essetierre collaboration began in 2009. Since 2013, Essetierre has been the sole distributor for the Italian market.

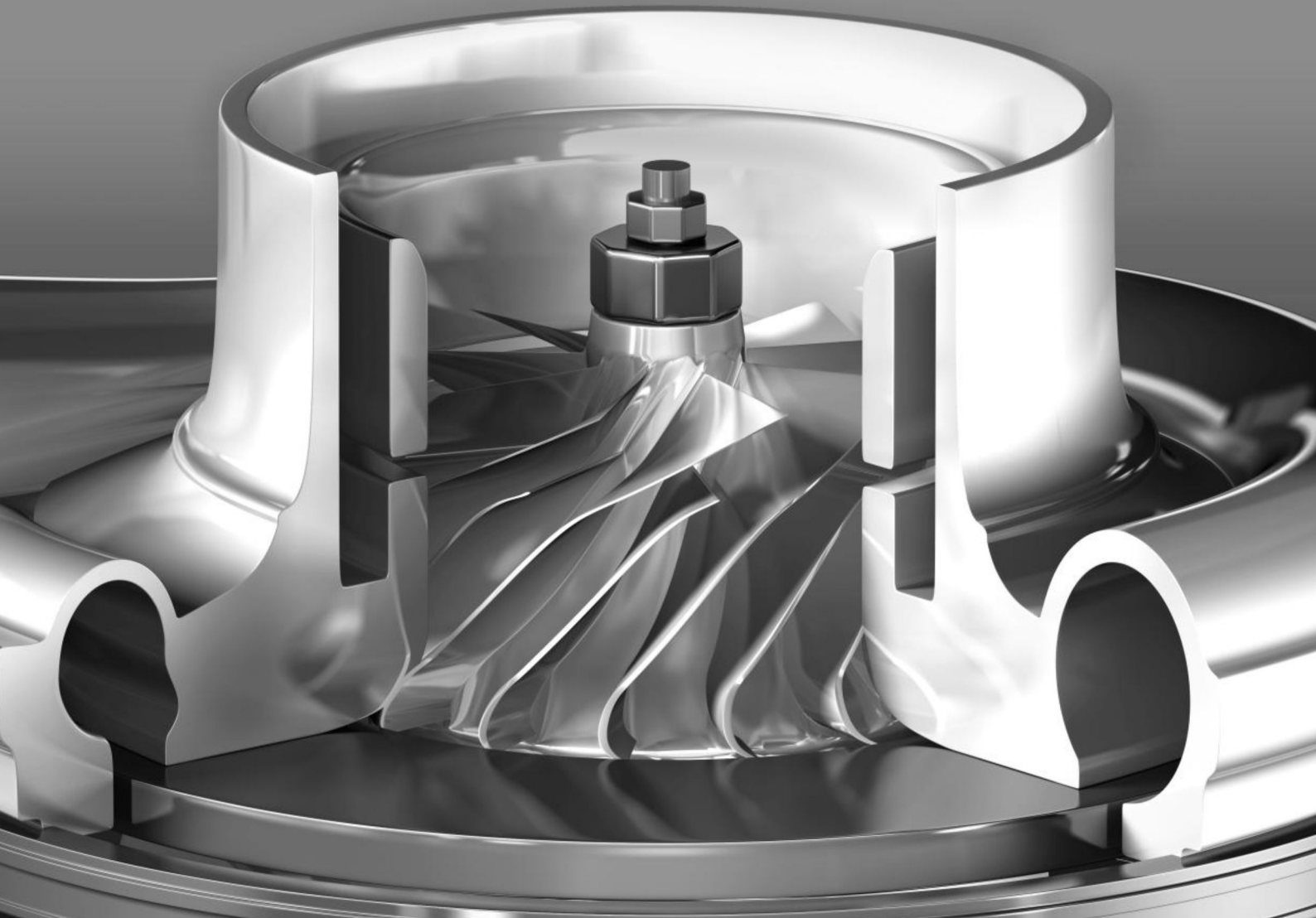
McElroy produces the best equipment for finned tube production in the world.

These machines provide the versatility, speed, durability and efficiency necessary to optimise the potential of finned tube production activities.

Regardless of the type of fin to be made – be it a coiled helical fin or extruded high fin – McElroy finning systems guarantee a complete material handling system, from smooth tubes to finished finned tubes.

# DESIGN

FOR 40 YEARS, WE HAVE STUDIED AND DEVELOPED TAILOR-MADE SOLUTIONS IN THE DESIGN OF EQUIPMENT AND SPECIAL MACHINERY FOR THE MECHANICAL SECTOR



## PHASES OF INDUSTRIAL DESIGN

### PRELIMINARY ANALYSIS

Our staff visit your location to understand and analyse your needs, acquiring the necessary information to be able to propose our solutions to you.

Depending on the complexity of the work, various operations may be necessary, always respecting your internal organisation standards. Only once a positive solution has been found and mutual satisfaction achieved are executive orders placed.

### PROJECT DEFINITION

We develop the basic project using 2D or 3D CAD systems, submitting the study to you after verifying feasibility. Upon receiving your approval, we then proceed to the subsequent phases.

### CONCEPTION AND DESIGN

The design for manufacturing the product is completed with the drafting of assembly drawings and the necessary bills of materials. Manufacturing drawings of the details.

The design is supported when necessary by traditional structural calculations or carried out with finite components.

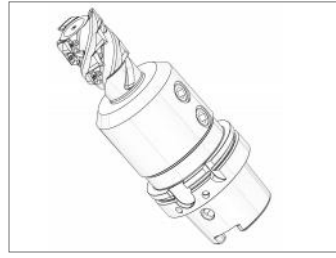
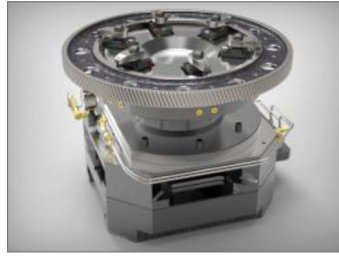
If requested, surveys of existing installations at the client premises are planned in the event of interventions on products to be modified or modernised.

Our strength remains the professionalism deriving from the use of a team of highly-specialised technicians able to offer a complete service from problem analysis to the drafting of the technical documentation necessary for product manufacture.

### PROJECT SUPPORT

Upon request, we support you in the post-design phase, ergo, in the manufacturing phase of the product, offering our technical assistance both for production control operations and assembly supervision.

In addition, we can even assist you in drafting manuals for **CE** certification and compiling calculation reports for structural verifications for products falling into this category.



## MECHANICAL DESIGN

We study and develop custom solutions for our customers in the most varied sectors, in recognising our strong **problem-solving** skills. We boast over 40 years of experience in the design of equipment and special machines for the mechanical sector.

We additionally partner with the company's technical office, providing a **complete service** that ranges from the development study for the underlying project with problem analysis, moving on to the design with due attention to construction simplicity, production costs and safety, finally arriving at the drafting of manufacturing and assembly drawings, in conjunction with bills of materials.



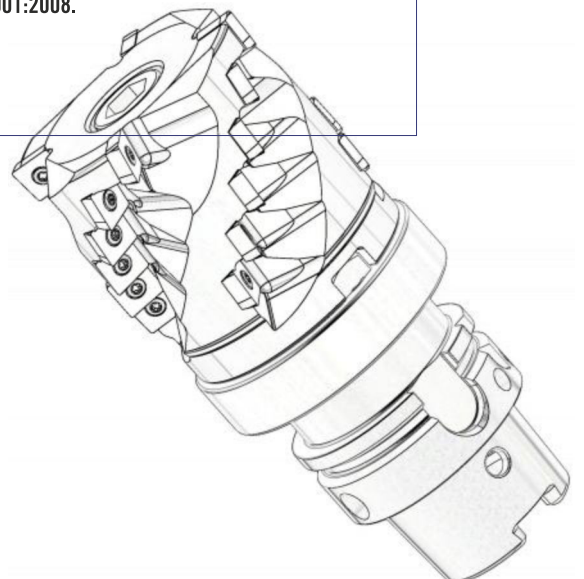
Essetierre is a point of excellence in the design of equipment, devices, machines and lines for various industrial production sectors such as:

- Industrial Sector
- Oil & Gas Sector
- Military and Aerospace Sector
- Automotive Sector
- Packaging Sector
- Medical and Ophthalmic Sector
- Lifting and Transport Sector
- Research and Development Sector
- Pharmaceutical and Food Sector

## WORK METHODOLOGY

Highly-qualified personnel equipped with the most modern technologies and state-of-the-art IT systems are able to optimally manage all exchange data necessary for handling the order.

Everything is conducted in accordance with the **standards of ISO 9001:2008**.



# MANUFACTURING

MANUFACTURE ACCORDING TO SPECIFIC CUSTOMER REQUESTS

# 40

Over 40 years of experience in the manufacture of equipment characterise us in terms of the reliability of our supplies. .

**We construct both on our own designs and on those of clients.**

Essetierre is on hand to assist customers, with the aim of developing the best solutions in terms of **quality/price ratio**. We are able to provide customers with the requested product, complete with all parts and components, everything being certified by Essetierre and accompanied by manuals and calculations when necessary.

For this reason, we also avail of qualified sub-contractors. We even arrange for special packaging at the customer's request.

We certify all products supplied by us, being covered by the Machinery Directive, with **CE** marking.

## **DESIGN**

Our creative department is able to propose solutions that, while safeguarding the functionality of the product and its cost-effectiveness, enhance the rapport with the end user.

What's more, we have experience in special designs of installations in the civil sector, such as panoramic elevator cabins, push-button panels, signals, identification plates and so on.

## **SPECIAL MACHINES**

On specific customer request, we analyse feasibility then design and manufacture special machinery.



for more information

[www.essetierre.com](http://www.essetierre.com)

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**essetierre**<sup>®</sup>

Via Ugo Foscolo, 15/D  
50018 - Scandicci (Fi)  
Tel. (0)39 055.25.90.51  
Email: [info@essetierre.com](mailto:info@essetierre.com)

