

# Company Profile



**TecnoAlimenta**  
Food Technology



## **Tecnoalimenta S.r.l.**

is a leader company in the sector and was born in geographical area where food production it has a predominant role for the **culture of the territory.**

# Table of contents

## **Company Overview 01**

The group	6
The projects	8
Our values	10
Passion and Results	12

## **History 02**

A Territory, a History	16
A Developing History	18

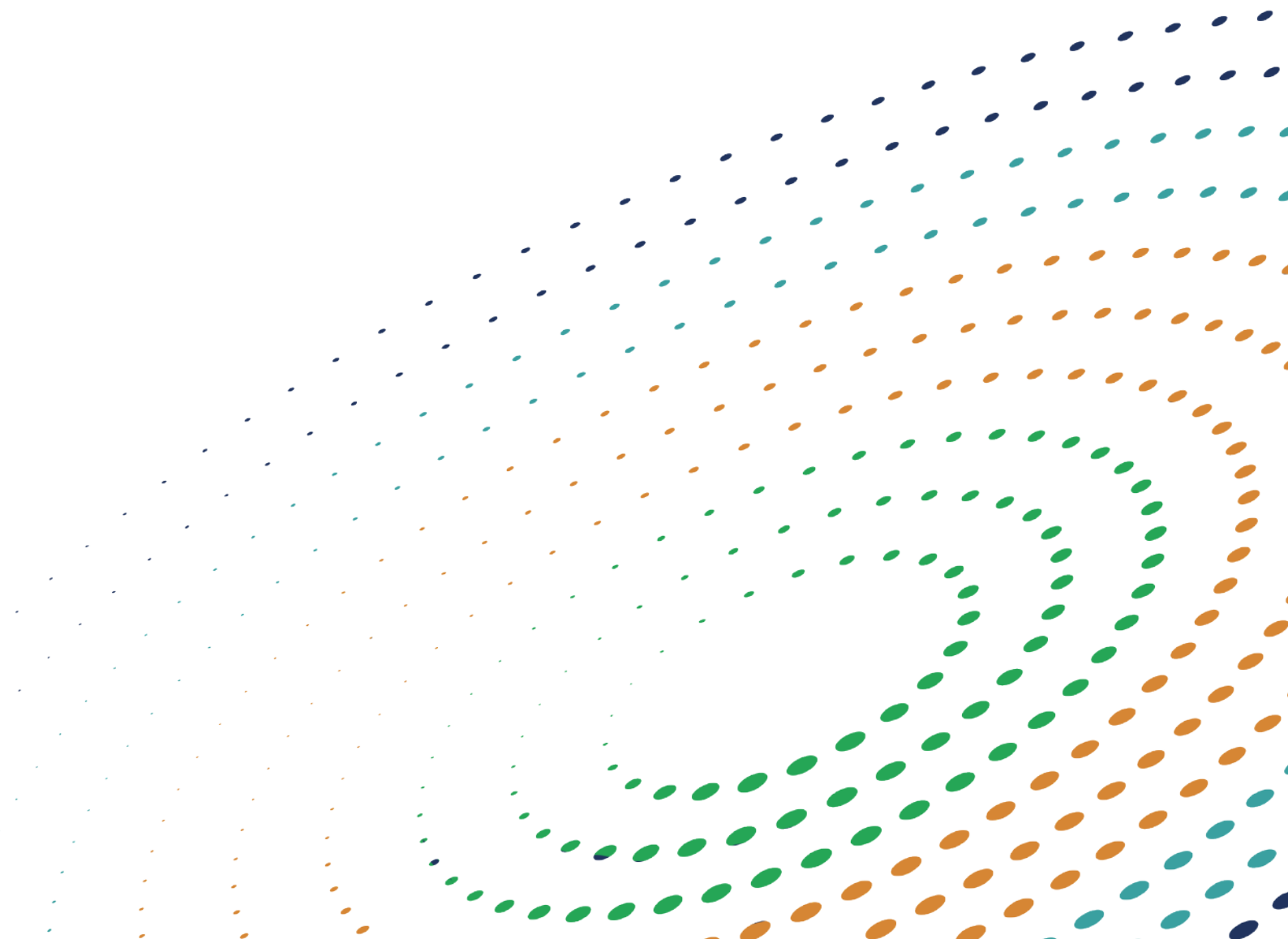
## **Products and services 03**

Equipment and accessories for the food industry	22
Production plants	24
Maintenance service	30
Waste Water Treatment plants	32
Sustainability and Environment	36

## **Information and contacts 38**



# 1 Tecnoalimenta group



# The group

**We operate at 360 degrees and we are able to provide customized solutions, from the great to the small customer.**

We have structured the company with different divisions to always provide innovative, functional and able to meet the specific needs of customers. From production lines installations, solid waste and waste water treatment, to the ordinary and extraordinary maintenance service, to the supply of equipment, accessories and consumables for daily work.

● **TECNOALIMENTA S.R.L.**

Design, production, installations  
of production lines and  
machinery for the meat industry.

● **TECNOMANUTENZIONI S.R.L.**

After sales service, assistance  
and maintenance for food industry.

**TECNOALIMENTA  
S.R.L.**

Production and sale of accessories,  
machinery, consumables for the  
food industry.

● **ECOALIMENTA S.R.L.**

Design, production and installation of  
plants and machinery for the waste water  
treatment for the food industry.

# Projects

## Projects in the slaughtering and meat processing sector.

Modernization of existing facilities to improve productivity, raise the technological level, to comply with food international safety and hygiene standards.

Construction of new sustainable slaughtering and meat processing plants, designed according to real needs, aimed at optimizing profits. Modern systems, designed for animal welfare, high production capacity, attention to safety at work and compliance with health and hygiene regulations on food products. Technical support for design, supervision and training.

## Projects for the development of micro-enterprises in the agri-food sector.

For medium-small projects, it is possible to realize plants inside mobile units, compact, complete, ready to use and in compliance with current sanitary and safety regulations. Modular systems can contain different production solutions: slaughtering lines, meat and game processing lines, mini-dairies, fish processing, of fruit and vegetables and much more. **Projects for the protection of the environment, treatment and recycle of waste water.** Water treatment plants with high quantities of organic material (BOD) such as: slaughterhouses, food industries, canning, dairy and in general, all those industries that treat natural organic products.



# Our values

**A constant focus on the search for advanced, innovative and functional products able to meet the specific needs of customers.**

Competent and reliable after-sales service and technical maintenance, in order to guarantee the quality, reliability and improvement of the production lines.

No less important is the overall functionality of the plant and mechanical equipment, which must be based on ergonomics, cost-effectiveness and ease of management

These are the fundamental requirements that, thanks to the experience of our technicians and collaborators, we use as a starting point for the design, construction of our production plants or for the construction in our workshop of machines or individual components to improve the work of the our customers.

01 **Safety**

02 **Research**

03 **Innovation**

04 **Efficiency**

# Passion and results

**We operate at 360 degrees and we are able to provide customized solutions, from the great to the small customer.**

The company Tecnoalimenta S.r.l. can boast the realization of many plants of slaughtering and the meat processing industry.

Tecnoalimenta S.r.l. offers a complete service from the design, fabrication and installation up to start-up and maintenance of the production plants.

Tecnoalimenta S.r.l. has obtained the certification EN 1090 CE Marking of structural steelwork, the certification ISO 9001:2015 Quality management system and SOA certification for participation in public procurement.

## Certifications:

- **EN 1090** CE Marking of structural steelwork
  - **ISO 9001:2015** (Quality management system)
  - **SOA** for participation in public procurement
- 

## Clients:





# 2 The history



# A Territory a history

**As in all of Italy, the immediate post-war period saw the beginning of an unprecedented impetus to development, the “economic boom”.**

In our region, the manufacturing industry has become the primary economic component, imposing itself in some specific sectors: mechanical, food and ceramics. Small and medium-sized enterprises became the solid basis on which the “Emilian model” was (and still is) largely based, in some cases focusing on areas with a strong sectoral specialization.

The food industry is the spearhead of the economy. A series of agricultural and industrial activities linked together have given rise to a real chain district where the raw material is transformed into a finished product thanks to the excellent know-how of some large industries combined with the artisanal experience of small and medium enterprises.

Known as the Food Valley, the territory is inextricably linked to its products: cheeses, meats, food preserves, wines.

The development of quality food products has fostered the emergence of a strong mechanical industry specializing in the design and manufacture of machinery and complete production plants for food processing; the sector is at the top of the regional and national scene for turnover and exports.



● **Headquarters**  
*Reggio Emilia*

TECNOALIMENTA

# A Developing History

Tecnoalimenta S.r.l. distributes its products throughout the national territory thanks to the strengthening of the sales network with new agents

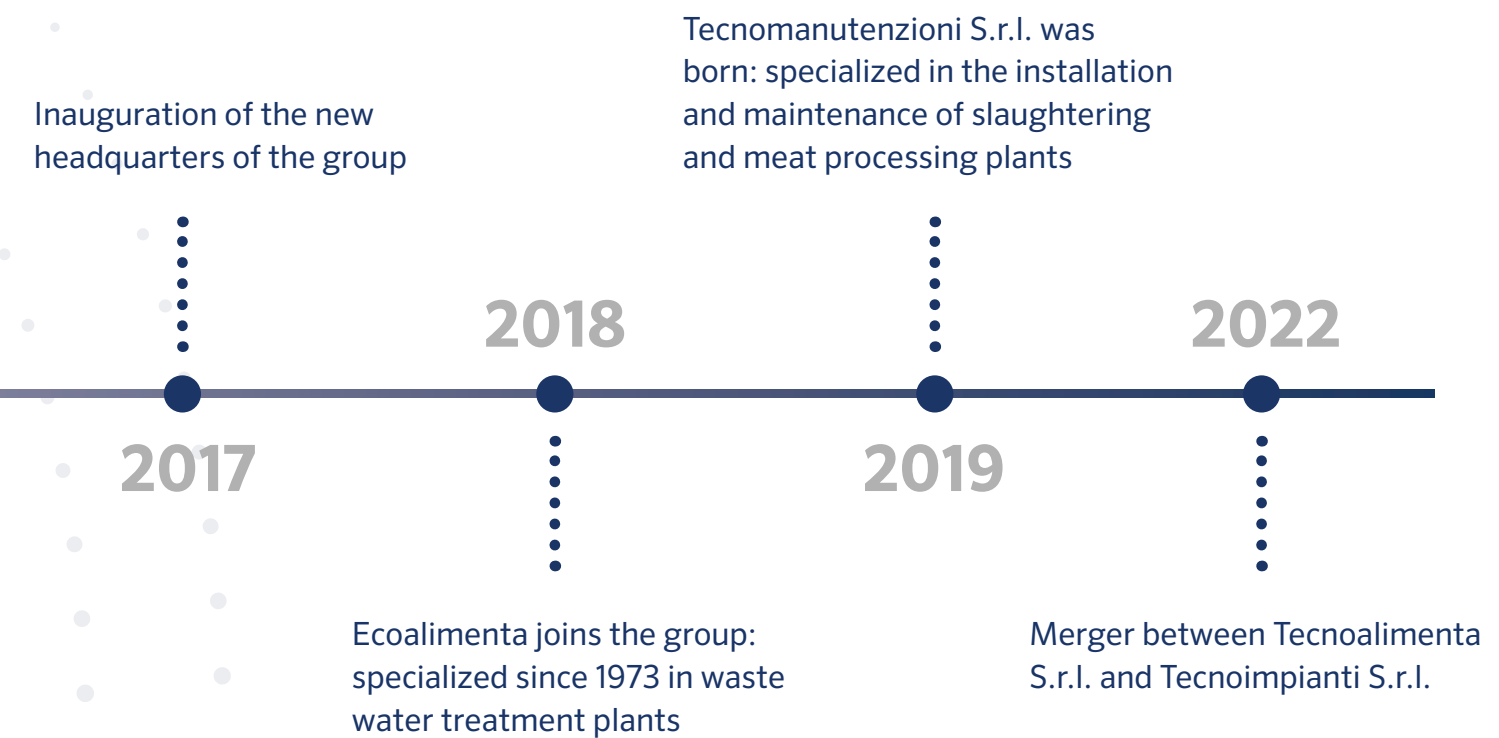
2006

Tecnoalimenta was born, distribution and marketing of products for butchers and slaughterhouses

2009

2015

Tecnoimpianti S.r.l. was born, specialized in the realization and design of slaughtering and meat processing plants.





# 3 Products and services



TECNOALIMENTA S.R.L

# Accessories and equipment for the food industry

**Thanks to constant research, updating and a competent, effective after-sales service and technical assistance we have achieved an important role both nationally and internationally.**

Tecnoalimenta has also specialized in the production of loading arms for the handling of meat, meeting the various needs of customers with customized realizations.

# Products categories:

- EQUIPMENT AND ACCESSORIES FOR SLAUGHTERHOUSES
  - KNIVES
  - MEAT PROCESSING EQUIPMENT
  - SAFETY EQUIPMENT AND PROFESSIONAL CLOTHING
  - WASHING - HYGIENE - STAINLESS STEEL CABINETS AND FURNITURE
  - VIKAN CLEANING ITEMS
- 

## Brand:



TECNOALIMENTA S.R.L

# A complete service for the realization of your slaughtering and meat processing plant

**Thanks to the experience and professional preparation that distinguishes us, we are able to provide a complete service from design to installation and assistance.**

Through technical visit and our engineering office we are able to develop and translate all the various customer needs, always in full compliance with safety and sanitary regulations

From the design phase we move on to the **construction phase** with construction and pre-assembly of the equipment at our workshop and subsequent installation by our specialized technicians.

All the equipment made are subjected to scrupulous checks and verifications, always giving particular importance to the quality and safety of the materials.

The **installation and assistance** phase is done with our equipment and specialized personnel as well as plant start-up and staff training, thus establishing a relationship of trust and collaboration and constituting a safe and reliable reference point.

## Processing plants categories:



**Cattle** slaughtering



**Pigs** slaughtering



**Sheep** slaughtering



**Poultry and rabbit** slaughtering



**Meat boning** and processing

# Containers for processing agri-food products and mobile slaughterhouses

**For medium-small projects, it is possible to realize processing lines inside mobile units, compact, complete, ready to use and in compliance with current sanitary and safety regulations.**

They meet the needs of having a turnkey structure without encountering all the problems related to construction. They are quick to make, cheap to buy and management, easily expandable and transformable and they maintain a value over time as they are easy to resell.

These containerized structures can be used for different production solutions: slaughtering lines, laboratories for the processing and packaging of meat, fish, fruit and vegetables, mini-dairies and much more.





# Design philosophy

**The construction of a modern meat production plant must be based on some fundamental principles that have become real standards in the slaughtering and meat processing sector.**

Definition of **hygiene standards**  
and perfect **sanitary control**.

Definition of the **Overall Functionality**  
of the mechanical equipment based  
on the **Economics of the Plant**.

**Management** and **Conduction** Control.

TECNOMANUTENZIONE S.R.L.

# Service and maintenance of processing plants

**A range of service and maintenance is essential to optimize the operation of production lines and thus prevent sudden and unexpected inconveniences and extraordinary costs.**

Tecnomanutenzioni offers a service of technical assistance, maintenance and repair for all companies operating in the sector of agri-food production and in particular meat processing.

The basic costs for assistance and scheduled maintenance services represent a very low expense item, in the face of undoubted economic advantages. In fact, service and maintenance maximize the efficiency of facilities and infrastructure, reducing inefficiencies, regulatory deficits and unexpected extraordinary costs.

# Types of maintenance philosophies

**Maintenance is used to restore operating conditions, prevent and reduce the risk of failure, analyse and monitor the condition of equipment.**

## **01 Scheduled Maintenance**

Intervention aimed at maintaining it in good working condition according to a program defined with the customer.

## **02 Extraordinary Maintenance**

Repair, restoration and maintenance of production lines.

## **03 Permanent support**

Our Technical Staff always on site.

ECOALIMENTA S.R.L.

# Waste Water Treatment Plants

**Ecoalimenta has over 40 years of experience in the waste water treatment of slaughterhouses, butchers, meat, by-products, dairies, canning, vegetable, fruit and many others industries.**

Ecoalimenta has made a large number of water treatment plants both in Italy and abroad thanks to its professionalism and experience and at competitive prices.



ECOALIMENTA S.R.L.

# Process steps

## 01 Lifting and Filtration

The self-cleaning drum filter is the “number one” in the separation of solids from wastewater of civil and industrial origin. It has innumerable applications in the most diverse civilian, municipal and industrial sectors. It is the machine that allows to obtain high filtration (up to 0.25 mm), huge hydraulic flow rates (2000 mc / H), reduced dimensions, combined with great reliability of operation.

## 02 Homogenization

The Homogenization and accumulation basin has the function of both homogenization the incoming liquid to be treated and of feeding with a homogeneous and constant flow during the 24 hours and throughout the week the following phases of biological treatment.

## 03 Flotation DAF

Mechanical flotation is the most widespread chemical-physical treatment in the wastewater treatment sector, especially of agri-food origin. The continuous improvement of the wastewater saturation technique with the DAF system (dissolved air flotation) and of the internal hydraulics, has allowed the achievement of high depurative yields with a significant reduction in the consumption of chemical reagents (coagulants and flocculants).

## 04 Aeration

Aeration is the heart of the system. The bacteria that naturally form in this basin use the polluting organic material as nourishment and oxygen for their metabolism. Oxygen is transferred into the water with appropriate equipment (blowing air through diffusers, turbines, etc.).

## 05 **Final sedimentation**

In sedimentation, the liquid mud mixture is clarified, leaving the treated water to surface while the bacterial colonies, technically defined as “biological sludge” are deposited on the bottom and are continuously recycled.

## 06 **Sludge treatment**

The excess biological sludge that is formed in the natural biological treatment process is sent to the relative aerobic sludge digestion basin. These thickened and completely mineralized biological sludge, they can be used in the fertilization of agricultural land.

## 07 **Monobloc Plants**

Monobloc plant for the treatment of biological waste water from small and medium-sized agri-food industries and sewage water from small residential areas, is a compact system, easy in installation and maintenance and above all economical to manage. It allows to achieve a high reduction of the organic pollution load (greater than 90%).

# Sustainability and environment

**We aim to achieve the best results and achieve business objectives even with new market scenarios in continuous evolution.**

The new challenges are driving us towards a greater digitalization of processes. It is essential to demonstrate resilience to changing economic conditions and to optimize production and business activities.

Our goal is to optimize: full control over production processes, automated collecting data in real time, optimizing production costs, supporting the path towards sustainability, significantly reducing the amount of waste generated and emissions into the atmosphere, optimizing the use of energy.

In the context of sustainable development, we aim for a factory that operates more streamlining and more energy efficient.



# Information & contacts

## **TECNOALIMENTA S.R.L.**

Address: Via De Pisis 19/A , Reggio Emilia (RE) ITALIA

Phone: +39 0522 514807

Web: [www.tecnoalimenta.it](http://www.tecnoalimenta.it)

### **Email:**

-

[info@tecnoalimenta.it](mailto:info@tecnoalimenta.it)

### **Admin:**

-

[amministrazione@tecnoalimenta.it](mailto:amministrazione@tecnoalimenta.it)

### **Sales:**

-

[commerciale@tecnoalimenta.it](mailto:commerciale@tecnoalimenta.it)





**TecnoAlimenta**  
Food Technology