

CAMEC®

Waste into Value

Recycling and material handling technology. Designed and built.
Engineered for your process.

ENGLISH

WHAT WE DO

Waste is a resource

CAMEC designs and builds
the technology to recover it.

Over thirty years in recycling and industrial handling.

Every machine, every plant starts from a specific project — engineered around the material, the process, and the output the customer needs to achieve.

Since 1993 — Made in Italy

RECYCLING
DIVISION

HANDLING
DIVISION

RECYCLING PLANTS
DIVISION

Three divisions — Recycling, Handling, and Recycling Plants — meet every industrial requirement, from individual machines to complete turnkey systems. A fully integrated operation, active internationally, with a single point of contact for every customer.

From turnkey supply and feasibility studies to 3D simulation, plant revamping, and after-sales support: every phase is managed by one team, with OEM spare parts and continuous technical assistance throughout the plant's operational life.

DESIGN & BUILD

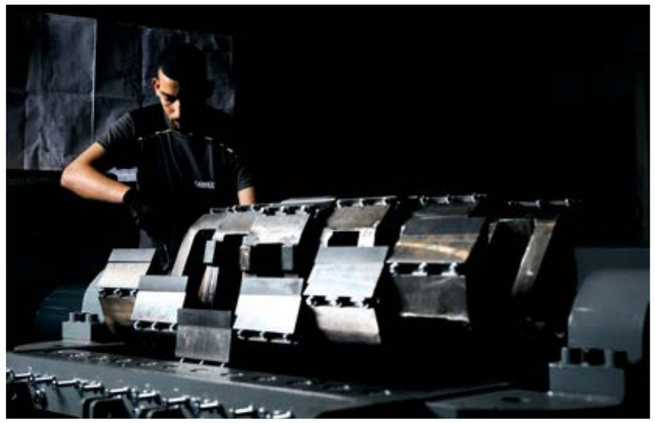
We design. We build. We guarantee.

End-to-end control across every phase of production.

Mechanical and electrical engineering, software development, steel fabrication, and assembly: every activity takes place within a single manufacturing facility. This is not an organisational preference — It is a deliberate choice that defines the quality of every outcome.

Direct control of the supply chain eliminates external variables — what is engineered is precisely what is built, with full continuity of method from project inception to final delivery.

From initial engineering to steel fabrication, from assembly to final commissioning: a continuous, verifiable, repeatable process.







Reliability is not a promise. It is the result of how we work.

CERTIFIED QUALITY

International standards

Internal control. Across every phase.

CAMEC operates to certified standards in Italy and Spain, with direct control from design through to installation. Certifications are not a compliance exercise — they are the result of a quality system built over time.



ISO 9001
Quality Management
Design, manufacturing, installation, and service. Every phase audited and certified.

EN 1090-1
Steel and Aluminium Structures
Design and manufacture of structural steelwork in compliance with European standards.

ISO 14001
Environmental Management
Measurable commitments to operational sustainability at national and international levels.

SOA
Public Works Certification
Certified technical and organisational capacity for the execution of public works and infrastructure projects.

EcoVadis
Corporate Sustainability
ESG rating covering environmental impact, business ethics, labour practices, and supply chain management.

Industry 4.0
Digital Transformation
Integration of enabling technologies throughout the design and manufacturing cycle.

A verified system. Measurable reliability.

INDUSTRIAL APPLICATIONS

Versatility without compromise

Bulk density, material composition, throughput continuity, and recovery targets: these are the parameters that define each plant configuration. CAMEC does not rely on off-the-shelf solutions. We start from the material and engineer the most effective technical response for that specific application.

The breadth of materials and sectors we serve is not a sign of dispersion — it is evidence that our technologies adapt to a vast range of industrial waste streams and secondary raw material applications.

Don’t you see your material on the list? We develop bespoke solutions for non-standard and highly specific applications.

Find out more at
camec.net

Aluminium



Wood



Bulky and industrial waste



WEEE



Paper and cardboard



Plastic



Hospital waste



Ferrous material



Tyres



PVC profiles



Pulper waste



Tetra Pak®



Municipal solid waste



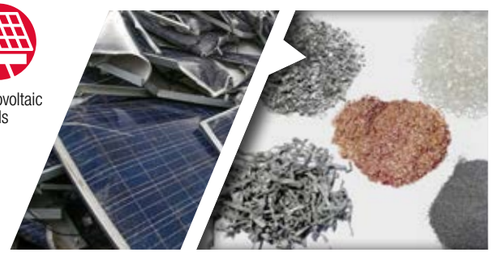
Copper cables



Food waste



Photovoltaic Panels



WHY CAMEC

A tangible advantage across the board

01

Tailored from the outset

Proven technologies, applied with precision to each specific case. Every configuration originates from the customer's operational requirement.



02

A single partner

From initial assessment to after-sales support, one technical and commercial contact manages the entire relationship.



03

Continuous engineering

Every contract generates technical advancement. Our products evolve because each project poses questions the previous one did not. This is our R&D: applied, concrete, and ongoing.



04

Measurable outcomes

Throughput, output material quality, operational uptime, reduction of unplanned downtime: these are the metrics we use to evaluate every supply — and the metrics our customers use to evaluate us.



CAMEC METHOD

Five phases. One process

From initial consultation to plant start-up, every phase is managed and coordinated in-house, with a consistent method and direct accountability.

**One point of contact.
Nothing left
to chance.**



01

Needs Assessment

Materials, flow rates, objectives, installation constraints. The solution does not exist before this phase is complete.



02

Custom Engineering

Mechanical, electrical, and software engineering developed entirely in-house. No predefined templates. No compromise on configuration.



03

Manufacturing & Integration

Steel fabrication, mechanical processing, and assembly: all within the same facility.
Direct control over every component, from raw material to final testing.



04

Commissioning & Performance Validation

On-site support throughout the start-up phase. Performance verified under actual operating conditions before final handover.



05

Ongoing Service & Support

Scheduled maintenance, OEM spare parts, remote and on-site technical assistance.
The performance agreed at the engineering stage is maintained throughout the plant's service life.

RECYCLING DIVISION

From waste stream to secondary raw material

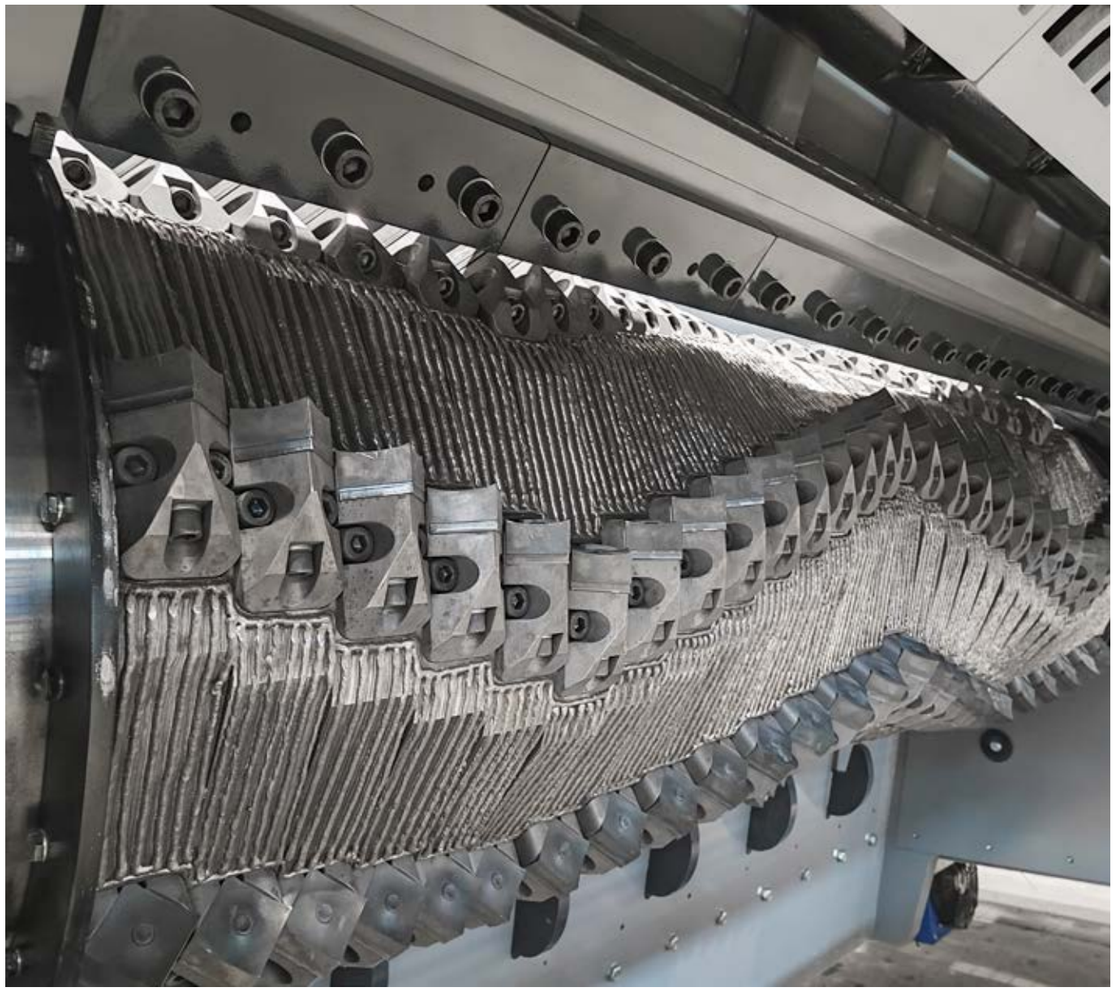


The Recycling Division designs and manufactures machinery for the treatment and recovery of industrial and municipal waste.

Our thirty years of expertise are built on real-world applications: complex materials, demanding sectors, ever-evolving challenges.

A Complete Product Range

Stationary and mobile shredders, granulators, shears, bag openers, hammer mills, turbine mills, conveying systems, separators, screens, compactors, and complete turnkey plants: a product range that covers every stage of the waste treatment process, engineered to specifications for each material stream and industrial application.



Shredding

Single-shaft · Two-shaft
Quad-shaft · Double Rotor
Mobile Shredders · Rotary Shears
Waste Crushers · Bag Openers
Bale Openers

Size Reduction

Granulators
Hammer Mills
Horizontal Turbines

Separation

Ferrous Metal Separators
Inductive Current Systems
Electrostatic Separators
Magnetic Drums for Ferrous Material
Dual Stage Densimetric Tables

Screening

Rotary Screens
Mobile Rotary Screens
Disk Screens
Daisy Screens for Tyres
Vibrating Screens

Transport

Conveyor Belts
Screw Conveyors
Eccentric Weight Vibrating Conveyors

Compaction

Industrial Compactors and Balers

RECYCLING DIVISION

PRODUCTS



Single-shaft Shredders
- GRR280
- GSR480
- GS650
- GS900
- GL650
- GL900



Two-shaft Shredders
- TR2A200
- TR2A300
- TR2A400
- TR2A450
- TR2A520



Waste Crushers and Bag Openers
- AS450
- AST1100
- LC520
- LCB710



Mobile Shredders
- CONDOR 1500
- COBRA 1800
- CAYMAN 2400
- LCM 520



Quad-shaft Shredders
- TR4A400
- TR4A450



Double Rotor Shredders
- DR450
- DR650



Single-shaft Bale Openers
- VR950



Compactors and Balers
- P100T/P120T
- P130T/P230T
- SB30



Granulators
- MG300
- MG400
- MG800



Rotary Shears
- CR2A645



Transport Systems
- Rubber Conveyor belt
- Metal Tapes Conveyor
- Rubber-faced Metal Tapes Conveyor
- PVC Belt Conveyor
- Screw Conveyor
- Eccentric Weights Vibrating Conveyor



Screens
- Disk screen
- Rotary Screen
- Mobile Rotary Screen
- Daisy Screen for Tyres
- Vibrating Screen



Hammer Mills
- MV2000



Horizontal Turbines
- TBR650



Separators
- Ferrous Metal Separator
- Electrostatic Separator
- Inductive Current System
- Magnetic Drum for Ferrous Material
- Dual Stage Densimetric Table

RECYCLING DIVISION

Robust machines.
Complete systems.
Concrete results.

Designed for standalone or in-line operation, under heavy-duty conditions and continuous-duty cycles, CAMEC machines deliver reliability, flexibility and consistent long-term performance.







RECYCLING DIVISION

Performance & Process Control

Designed to handle complex materials under demanding conditions, CAMEC machines are built not to stop. The performance agreed at the engineering stage is the performance measured in production:

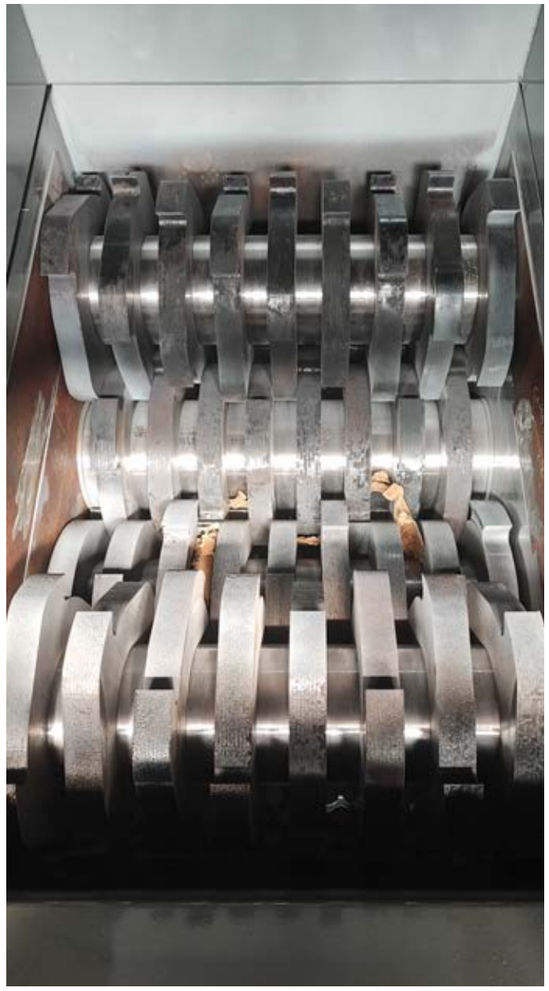
- **High throughput**
- **Consistent output material quality**
- **Full cycle control**
- **Reduced downtime and maintenance**













RECYCLING DIVISION

From Individual Machines to Complete Processing Lines

Every CAMEC machine can operate independently or become part of a more complex system. Shredders, granulators, separators, screens, and conveying systems are designed with the same logic and built to the same standards — because they originate from the same expertise, the same manufacturing process, the same engineering vision. This is not about assembling different machines: it is about building a continuous process, where each stage knows the next, and the result is a coherent, controllable line that can be expanded over time.













COMPLETE STATIONARY AND MOBILE SOLUTIONS AND SYSTEMS

We design and manufacture mobile and stationary solutions with equivalent performance in efficiency and reliability, and equal flexibility in configuration.
The choice depends on the customer's operational setup — the variety of processing tasks, space management, and material flow requirements.
These variables define every project.

Stationary solutions



THE RIGHT SOLUTION, FOR OVER THIRTY YEARS.



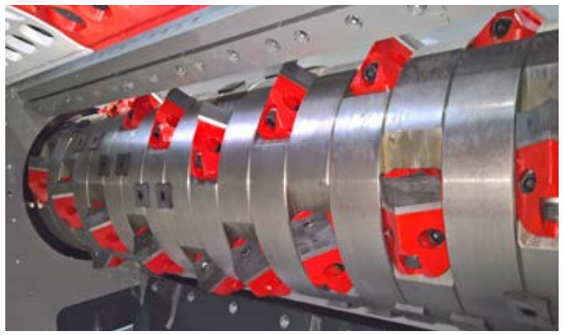


CAMEC designs and manufactures shredders, granulators, pre-shredders, bag openers, and complementary systems for the recycling and recovery of industrial and municipal waste, in **stationary configuration**.

Anchored to the site, powered from the electrical grid, free from the weight and dimensional limits imposed by road transport: the stationary configuration operates where the material arrives, in continuity with the rest of the customer's production process.

High throughput, consistent output material quality, reduction of unplanned downtime: these are the performance standards behind every machine we build.









Mobile solutions



THE RIGHT SOLUTION, WHERE IT'S NEEDED.



Self-contained, on wheels or tracks, operational in a short time with no installation work required: the mobile configuration goes where the material is, not the other way around. Four models, for every requirement in power, footprint, and operating context:

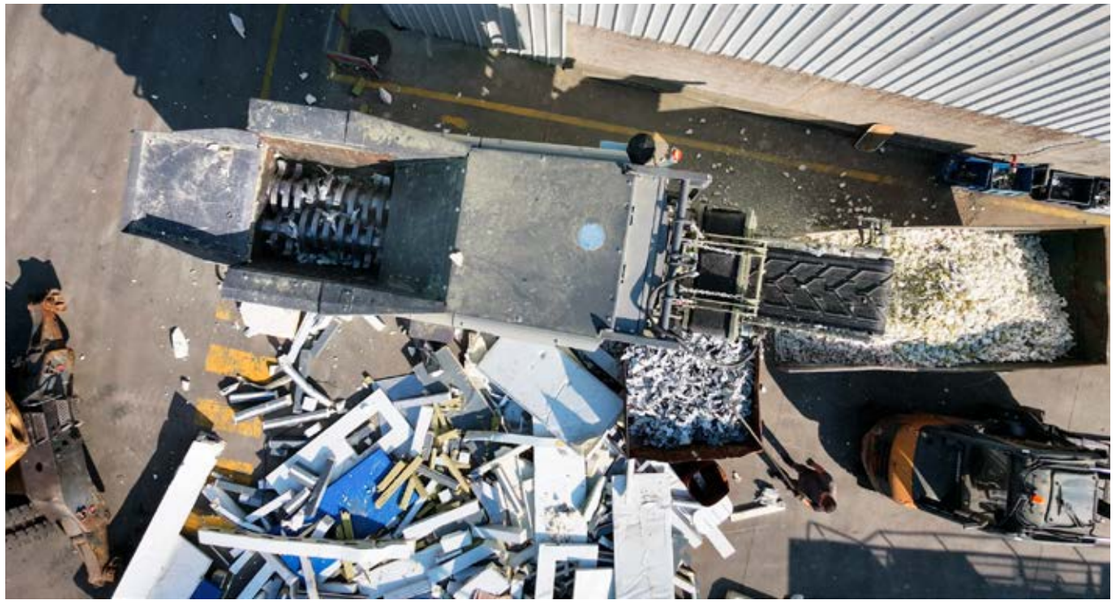
CONDOR 1500 — compact and versatile, with selectable work programs based on the material.

COBRA 1800 — available in wheeled, demountable or tracked version, the ideal balance of power and compactness.

CAYMAN 2400 — two-shaft, slow-rotation system, delivering the highest output in the range.

LCM 520 — on wheels or tracks, an electric solution with zero local emissions for areas with diesel restrictions.









HANDLING DIVISION

Material handling integrated into the process

Movements for all your needs

The Handling Division designs and manufactures bespoke industrial handling systems, conceived around actual process requirements. Every system is an integral part of the production cycle — not an add-on element, but a solution developed to improve throughput, operational safety, and cycle continuity.

Drawing on experience in the chemical, pharmaceutical, cosmetic, food and beverage, PET preforms, container handling and liquid management sectors, CAMEC produces tippers and elevators configurable across all parameters: load capacity, geometry, materials, and control logic. Adaptable to different bin types, loading modes, and plant layouts — each configuration is defined by the customer's specific operational context.







Tippers



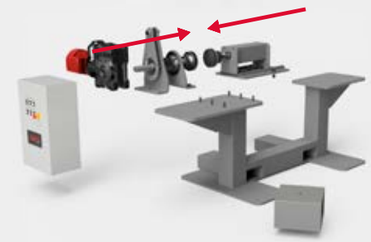
Lifters



Tilters



Positioners



Industrial Tippers for Bins



Front Discharge Single Tippers



Front Discharge Double Tippers



Side Discharge Tippers



Tippers with Stainless Steel Coating for Food Use



Tippers with Discharge Dosing Systems

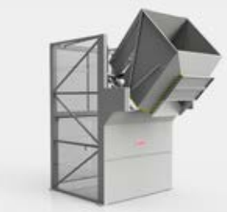


Tippers with Metal Detector



Special Hourglass Tippers

Dosing Systems



Guillotine Cover



Gravity Cover



Cover with Pneumatic Actuator



Cover with Motorised Hopper

Industrial Tippers for Special Applications



Front Discharge Tippers in PET/YOGHURT Shredding Plant



Front Discharge Tippers in Aluminium Shredding Plant



Front Discharge Tippers for Preforms with Special Conveying Hopper



Frontal Tippers with Special Loading Height



Wheeled Tippers



Tippers with Automated Loading System



Industrial Lifters



Industrial Tilters



Industrial Positioners

HANDLING DIVISION

Built for continuous duty.
Dimensioned for the most demanding applications.
Designed to last.







HANDLING DIVISION

Efficiency & Safety

Built for continuous use

Machinery dimensioned to operate reliably even under demanding conditions.

Specialised technologies

Hydraulic or chain-driven systems with controlled lifting and tipping sequence management.

Integration into existing lines

Rapid deployment in new or existing plants.

Safety at every stage

Systems designed to protect the operator and ensure long-term reliability.









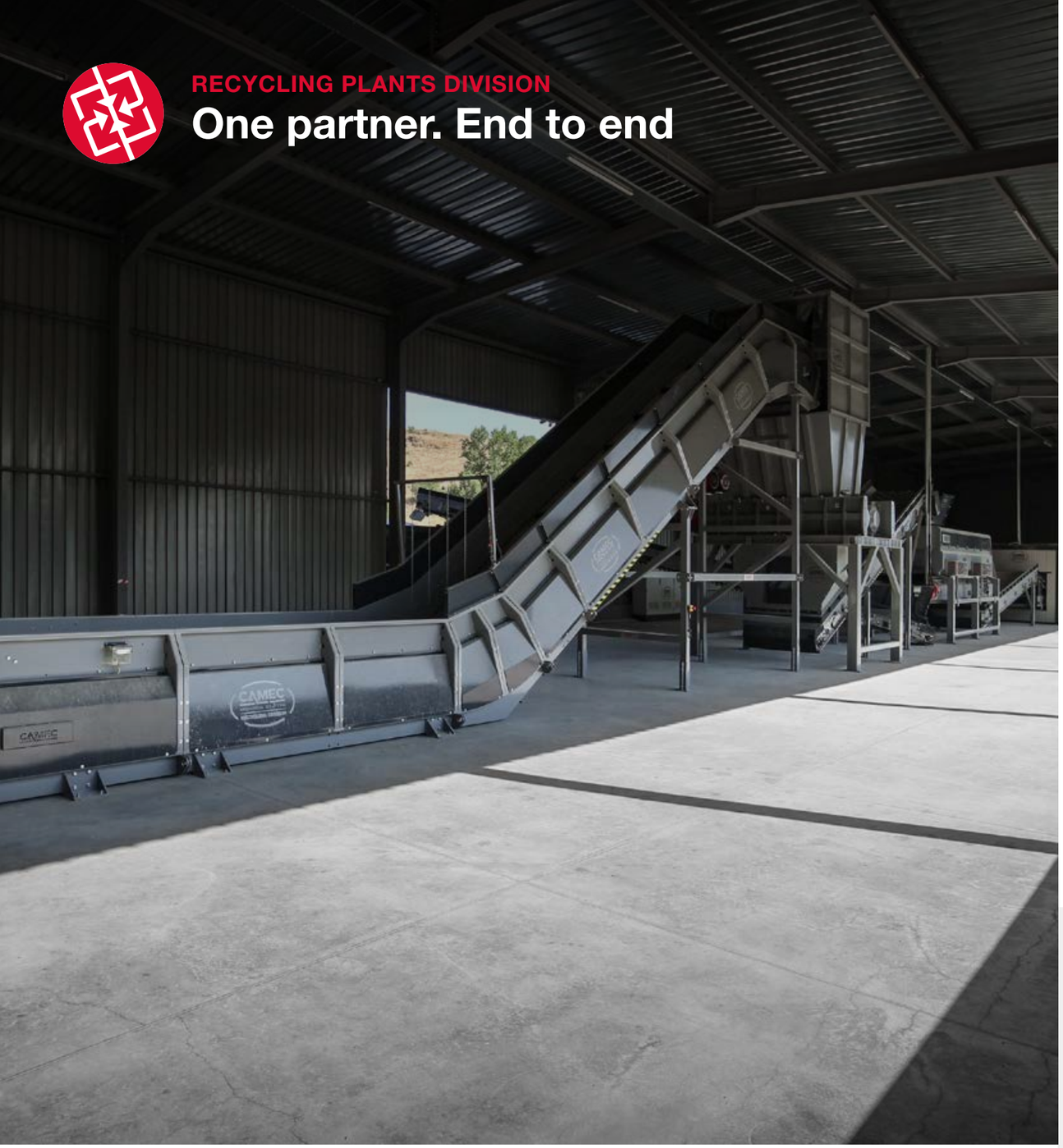






RECYCLING PLANTS DIVISION

One partner. End to end



From analysis to commissioning — complete turnkey plants for the treatment of industrial and municipal waste.

The Recycling Plants Division designs and delivers complete turnkey plants for the treatment of industrial and municipal waste.

We oversee every phase end-to-end, integrating process, mechanical and electrical engineering.

The customer has a single point of contact from initial analysis through to final delivery — someone who knows the project, monitors progress and is accountable for the outcome.



Every project begins with a direct technical discussion with the customer:

- **Waste stream typology and throughput continuity**
- **Treatment objectives and recovery potential**
- **Installation constraints and available layout**
- **Expected economic outcome**

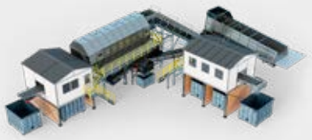
These elements define the configuration and layout.
For over thirty years, this dialogue has been the first step of every project — without exception.

We manage every phase directly, integrating process, mechanical, and electrical engineering.
The customer has a single point of contact from analysis to handover — one contact who knows the project, follows its progress, and guarantees the result.

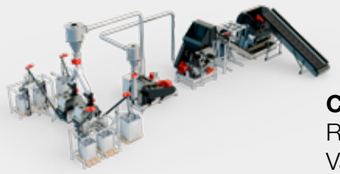


RECYCLING PLANTS DIVISION

PRODUCTS



Manual or Automatic **Paper and Cardboard** Sorting Plant



Copper Cable Recycling and Valorisation Plants



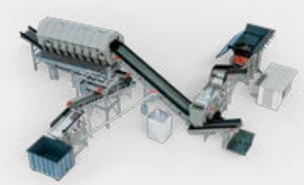
RDF-SRF Production Plant



Confidential Document Shredding Plant



Scrap Iron Recycling Plant



Bulky Waste Recycling Plant



Rigid Plastics Recycling Plant



Tyre Recycling Plant



Wood and Mattresses Recycling Plant



PVC Profiles Recycling Plant



WEEE Recycling and Treatment Plant



Hospital Waste Treatment and Sterilisation Plant



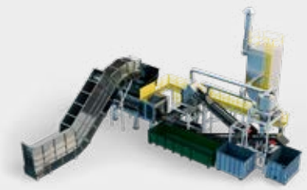
Sterilmix 250 Integrated **Sterilisation** System



Special and Hazardous Waste Treatment Plant



End-of-Life Sports Equipment Recycling Plant



Pulper Waste and Rope Treatment and Recovery Plant



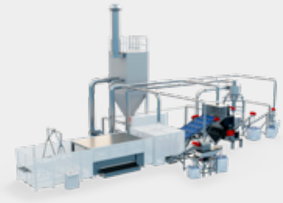
Manual or Automatic **MSW** Sorting Plant



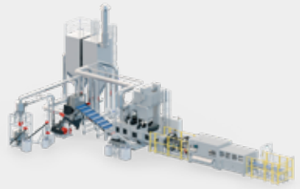
Compost Preparation and Refining Plant



Tetra Pak® Recycling Plant



Photovoltaic Panel Recycling and Valorisation Plant



Patented **Glass Removal Photovoltaic Panel** Recycling Plant



Toner Cartridge Treatment Plant



Aluminium Shredding Plant

THE CAMEC EFFECT

Direct control. In-house expertise. Proven results.

CAMEC coordinates the complete production cycle of every supply — from mechanical engineering to software and electrical development, from steel fabrication to final assembly.

Every phase is managed directly, with continuity of method and a unified project vision. The result is not just quality: it is the certainty that every machine and every plant performs exactly as agreed, over time.

The CAMEC Effect: quality that is not declared — it is demonstrated.











RECYCLING PLANTS DIVISION

Thirty Years of Installed Plants

Paper and cardboard, WEEE, end-of-life tyres, aluminium, plastics, copper cable, hospital waste, photovoltaic panels, municipal solid waste and much more: dozens of applications covered, plants installed worldwide, across a range that is virtually unmatched in the sector.

Every plant is a reference. Every reference is proof that CAMEC technology works — in the field, over time, across different materials.



















RECYCLING PLANTS DIVISION

Thirty years of turnkey plants for waste treatment and material recovery.











MY CAMEC — CREATING VALUE OVER TIME

A plant's value isn't measured at delivery

It is measured in production.
Under load.
Over time.

MAINTENANCE IS PART OF PERFORMANCE

After-sales service is not an accessory — it is an essential component of every supply. MY CAMEC keeps machinery and plants at peak performance — from start-up through to end of service life.

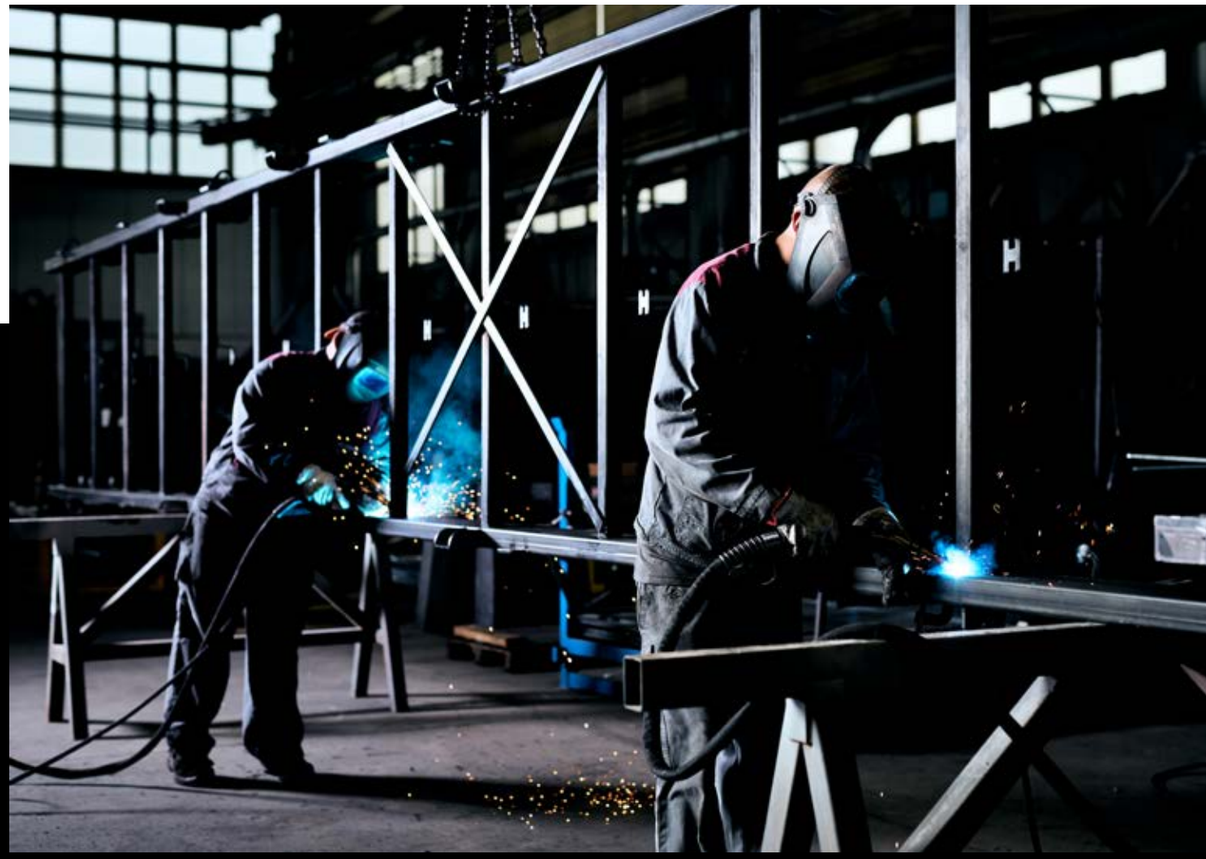
A plant performs as well as its maintenance. With scheduled interventions, OEM spare parts, and continuous technical support, MY CAMEC ensures:

- Sustained high performance over time
- Reduced downtime and operational costs
- Greater component life and reliability
- Uninterrupted operational continuity

SERVICE PORTFOLIO

CAMEC support does not end at delivery. We work alongside our customers with training, direct assistance, and continuous updates — so that the performance agreed at the engineering stage is maintained for the full service life of the plant.

- Residual life assessment and plant revamping
- Remote and on-site technical assistance
- OEM spare parts with fast lead times
- Scheduled maintenance — routine, corrective, and opportunistic
- Customised annual, biennial, and triennial service programmes
- Operator training and ongoing technical updates





MY CAMEC: because the value of a plant doesn't end at delivery.

Custom-engineered is not an option.

It is our starting point, our working method, and the measure against which we evaluate every result.

Since 1993 — Made in Italy

TELL US ABOUT YOUR PROJECT
We provide you with the most appropriate SOLUTIONS based on your specific technical needs.

CAMEC continuously improves its products based on customer feedback; the data, descriptions, and images in this catalogue are therefore indicative.

Rev. 2.2

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