

PIOVAN GROUP

PiovanGroup is the global leader in the development and production of industrial automation systems for storage, conveying and processing of plastic and food.



WHAT WE DO

Engineering, production and installation of customised solutions for automation.



Plastics



Food



Cooling

OUR HISTORY

Costante Piovan & Figli, a workshop specialising in precision mechanics, was founded in Padua.



Luigi, Costante's son, guides Piovan in the market of auxiliary machinery for the plastics industry.

From single units to complete systems with the introduction of the first refrigeration line and central feeding, blending and drying solutions.



Introduction of electronics, partnerships with OEMs and further growth on foreign markets.

The innovation continues by acquisition of a Software House to develop remote plant monitoring and process control.



Nicola, Luigi's son, drives the transformation of the Group from an auxiliaries manufacturer to a turn-key engineering reality. Una-Dyn and Fdm are acquired.

The Group enters the food market and consolidates its position in plastics acquiring Penta, Progema, Fea and Doteco. Aquatech starts its operations in industrial cooling. The Group enters into the FTSE ITALIA STAR INDEX as a Public Company.



In November 2021 the Group received an ESG Risk Rating by Sustainalytics. In January 2022 Piovan has completed the acquisition of the U.S. group comprised of Conair, Thermal Care, Pelletron and Republic Machine.

1934

'60s

'70s

'80s

'90s

'00s

'10s

'20s

OUR PHILOSOPHY

Three pillars.



Customers



People



Innovation



PIOVAN GROUP

Worldwide presence

PIOVANGROUP

- * Conair
- * Pelletron
- * Piovana UnaDyn
- * Thermal Care

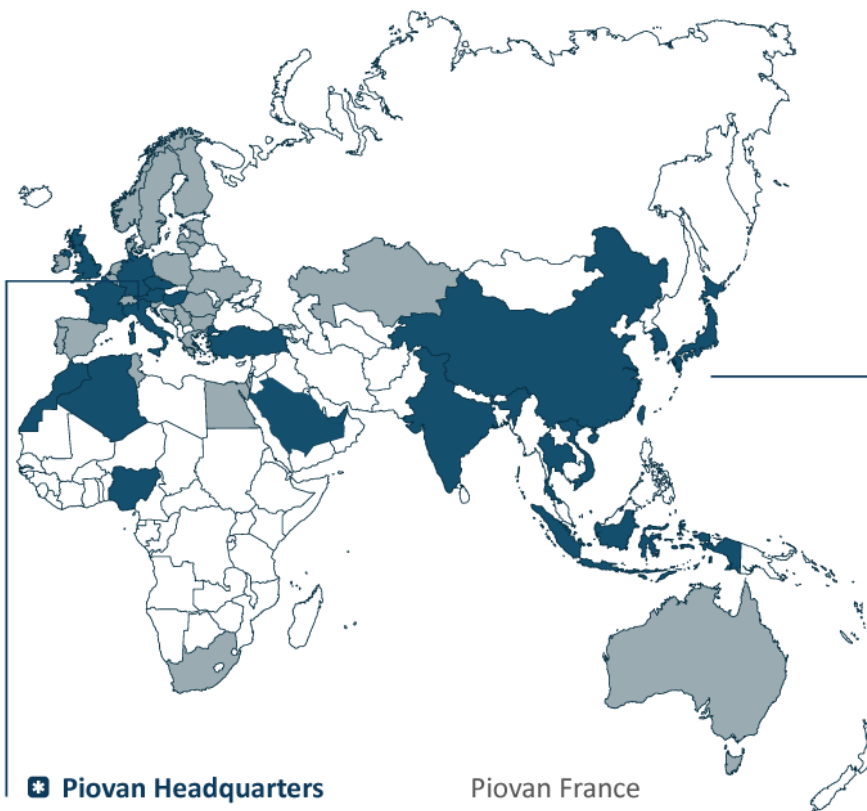
Conair Mexicana
 Doteco North America
 Piovana Canada
 Piovana Mexico

- * Piovana Brasil
- Piovana Colombia

Global presence

PiovanGroup

- * Production plants
- Service and Sales Branches/Offices
- Distributors and representatives HQ



- * Piovana China
- * NuVu Conair (India)
- * Piovana Food&Powders (India)

Conair Asia
 Conair Pacific Equipment
 Conair Trading
 Piovana Beijing (Rep.Office)
 Piovana India
 Piovana Indonesia
 Piovana Japan
 Piovana Korea
 Piovana Shenzhen (Rep.Office)
 Piovana Thailand
 Piovana Vietnam

- * Piovana Headquarters
- * Doteco
- * Piovana Fdm
- * Piovana Food&Powders (Cuneo)
- * Piovana Food&Powders (Ferrara)
- * Thermal Care EMEA

Pelletron Europe
 Piovana Algeria
 Piovana Austria
 Piovana Czech Republic

Piovana France
 Piovana Germany
 Piovana Hungary
 Piovana KSA
 Piovana Morocco
 Piovana Slovakia
 Piovana Turkey
 Piovana UAE
 Piovana UK
 Piovana West Africa



PIOVANGROUP

What we do

SYSTEMS FOR THE PLASTICS INDUSTRY



Storage



Material Handling



Drying & Dehumidifying



Dosing & Blending



Granulation



Temperature Control



Cooling



Software

... able to handle



Granules



Flakes



Powders

Installation, commissioning and after sales

SYSTEMS FOR THE FOOD INDUSTRY



Biscuits and snacks



Bakery products



Pasta and mills



Confectionary



Chocolate



Caramel



Creams



Fresh creams

... able to handle



Powders



Liquids



Creams

Installation, commissioning and after sales



ENGINEERING AND R&D

ENGINEERING AND R&D



310+
R&D
engineers

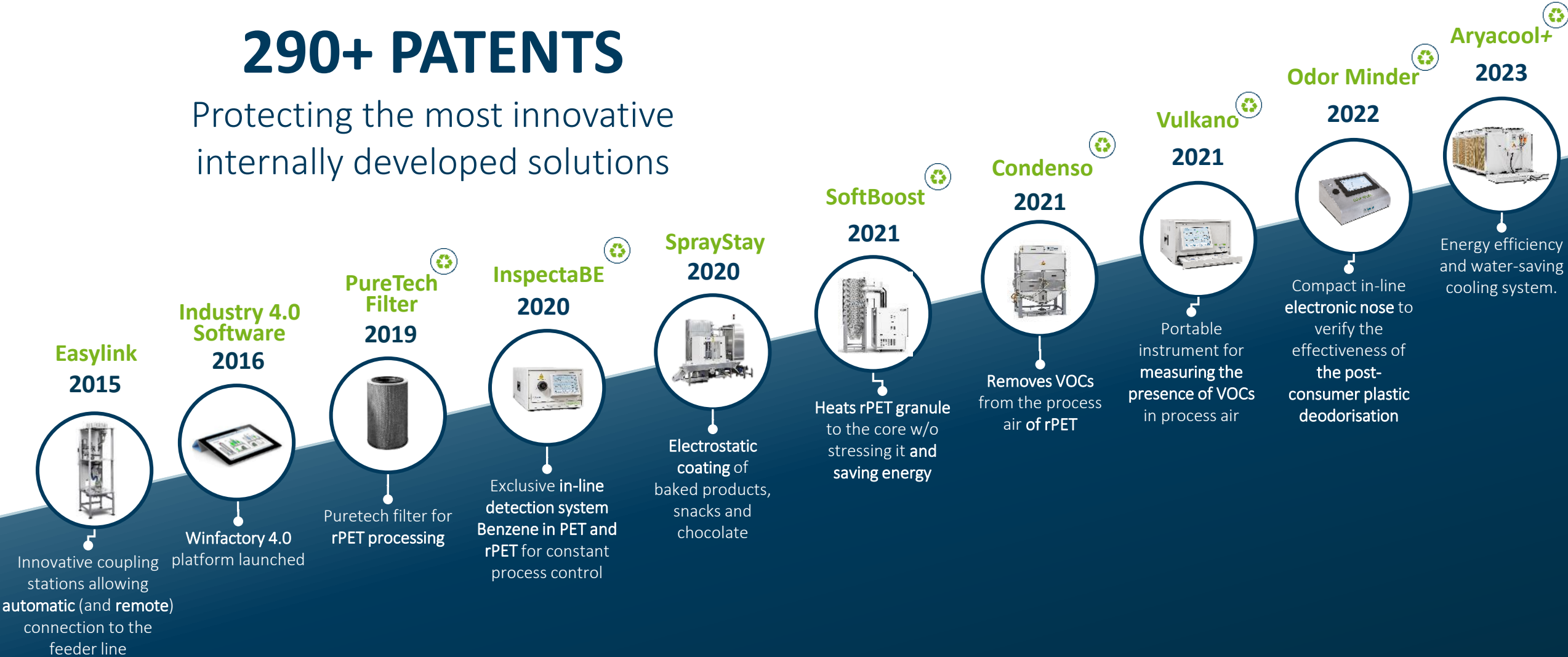


4 % R&D
investment

STRONG TRACK RECORD OF INNOVATION

290+ PATENTS

Protecting the most innovative internally developed solutions





SERVICE



Service



380+ dedicated
Service Specialists

OUR SERVICES



Help desk

Direct contact with an expert is offered to our customers 24 hours a day, 7 days a week.



Maintenance Contracts

Customized activities to fit the actual needs of a specific production plant and industry sector.



Training

The know-how development is a key success factor for long-lasting success.



Equipment Overhauling

Overhauls in a short time and with efficient methods at users' sites or in Piovan's workshops.



Spare Parts

Spare parts delivered promptly to ensure the long life of the equipment and the highest performances.



Installations

Turn-key installations, start-ups and systems supply anywhere worldwide.



Calibration

Calibration of instruments for monitoring and analysis in Group's labs and/or at users' site.



SUSTAINABLE INNOVATION

OUR CONTRIBUTION TO CIRCULAR ECONOMY



Solutions for post consumer plastic and biopolymers



Systems for reduction and control of contaminants



Safe, traceable and stable processes





COMPLETE SYSTEMS FOR EVERY SECTOR

INDUSTRY EXPERTISE



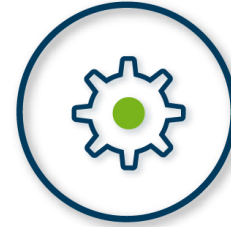
PET Preforms
& Bottles



Rigid
Packaging



Automotive
components



Technical
parts



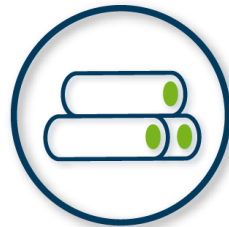
Medical
solutions



Thermoforming
& Technical Sheets



Flexible Film



Pipes, Profiles,
Cables



Fibres &
Strapping



Recycling
& Compounds



Industrial



Food &
Beverage

More than 50 years of experience.

An evolving approach: from product, through industrial process, to business sectors

PET PREFORMS AND BOTTLES



Patented technologies for managing recycled materials



Complete traceability both of production batch and final product



Decontamination and stability of processes



40+
Years of
Expertise

50+ %
Market
Penetration

RIGID PACKAGING



Patented technologies
for managing recycled
materials



Complete traceability
both of production
batch and final product



Turn-key solutions with
performance control



40+
Years of
Expertise

500+
Installed
Systems

AUTOMOTIVE COMPONENTS



Flexible and consistent solution for different technical components (e.g. headlamps or tanks)



Turn-key solution with performance control and quality traceability



Advanced technologies for producing automotive components from post-consumer plastic



25+
Years of
Expertise

All
Global car players
by their suppliers

TECHNICAL PARTS



Turn-key solution with performance control and quality traceability



Advanced technologies for producing components from post-consumer plastic



Process consistency and reproducibility



40+
Years of
Expertise

500+
Installed
Systems

MEDICAL SOLUTIONS



Process consistency and reproducibility



Advanced technologies for monitoring and tracing



Preservation of plastic resins physical properties



25+
Years of
Expertise

400+
Customers

THERMOFORMING AND TECHNICAL SHEETS



Bespoke solutions for in-house and post-consumer regrind handling



Consolidated expertise with PET, biopolymers and sustainable solutions



Long-lasting partnerships with major OEMs



FLEXIBLE FILM



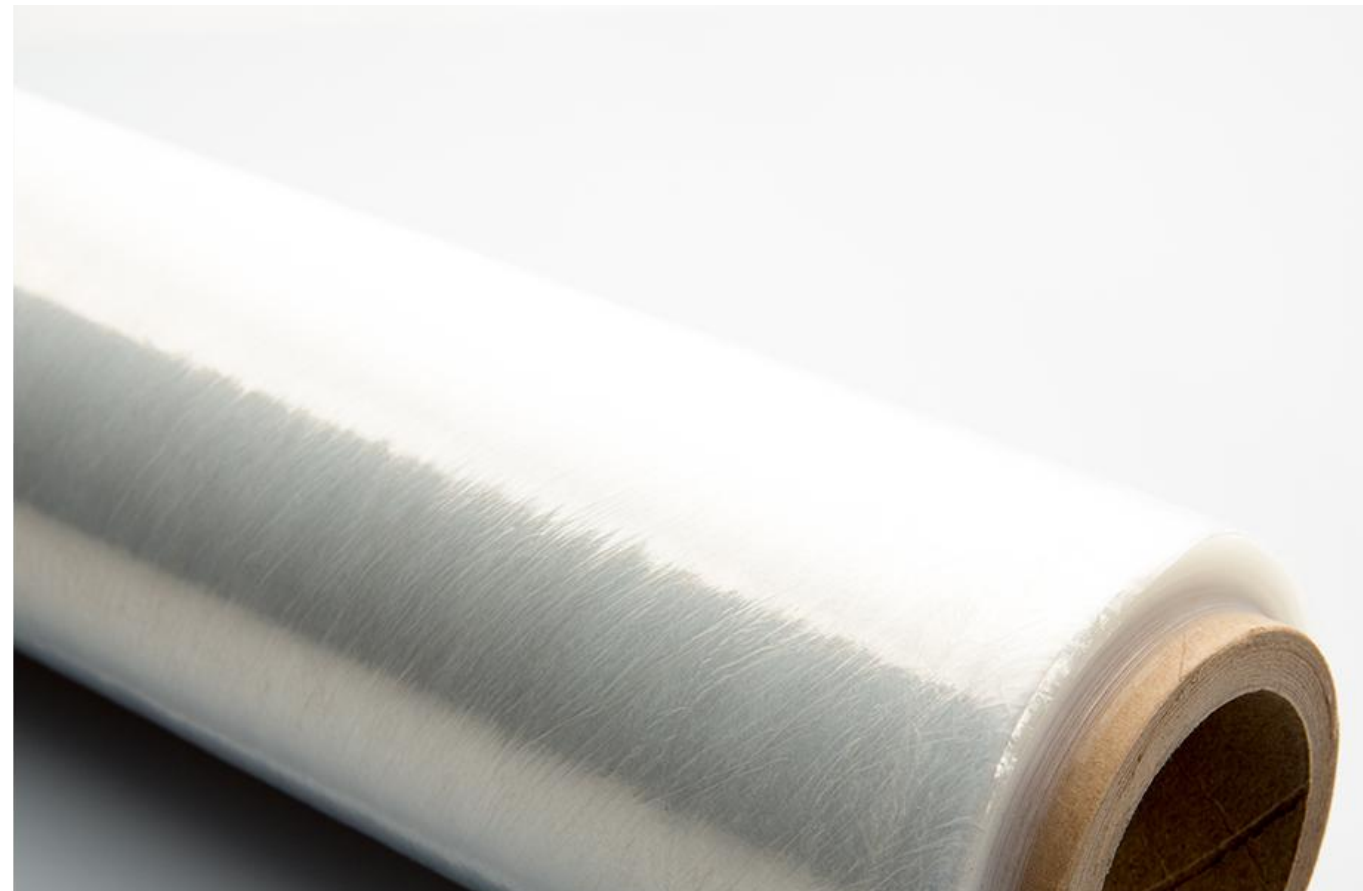
Turn-key plants with storage, material handling, extrusion control and air ring solutions



Complete traceability of the materials with Industry 4.0 solutions



A 10+ % increase of plants productivity



20+
Years of
Expertise

Top OEMs
Partner

PIPES, PROFILES AND CABLES



Technologies suitable from few kilos to tons for pellets or powders



Complete portfolio for turn-key projects, including cooling and dosing



Technologies and software for remote control and productivity increase



Up to 30 t/h
PVC complete plants

Total
Energy control

FIBRES AND STRAPPING



Complete and turn-key range for conveying, crystallising, drying and dosing for very stable polyester and polyamide spinning



Exclusive technologies for producing with post-consumer flakes from PET bottles



Technologies and software for remote control and productivity increase



20+
Years of
Expertise

50+ %
Market share of
drying systems

RECYCLING



Solutions for storage and handling large scale plants for efficiency increase



Unique solutions for deodorising and quality control



Technologies and software for remote control and productivity increase



1st in EU
Contributing
Bottle-to-Bottle

Top OEMs
Partner

COMPOUND



Turn-key solutions
for large scale
plants



Large scale solutions for
powders (e.g. CaCO_3 , TiO_2
and talcum for compounding)



Technologies and software
for remote control and
productivity increase



25+
Years of
Expertise

200+
Plants
worldwide

FOOD AND BEVERAGE



Turn-key solution in handling and storing powders and liquids



Automation software for Industry 4.0



Unique technologies for powder coating



200+
Systems
worldwide

Major Groups
Partner for bakery and
chocolate



SYSTEMS FOR EVERY APPLICATION

MATERIAL HANDLING AND STORAGE



Fully automatic and flexible materials distribution



Dust free environment



Dedicated solutions for any kind of raw material



DRYING OPERATIONS



Optimisation
of energy
consumption



Consistent quality of
the final product with
minimal scrap rate



Suitable to process
PCR flakes and
regenerated resin



FEEDING AND CONVEYING



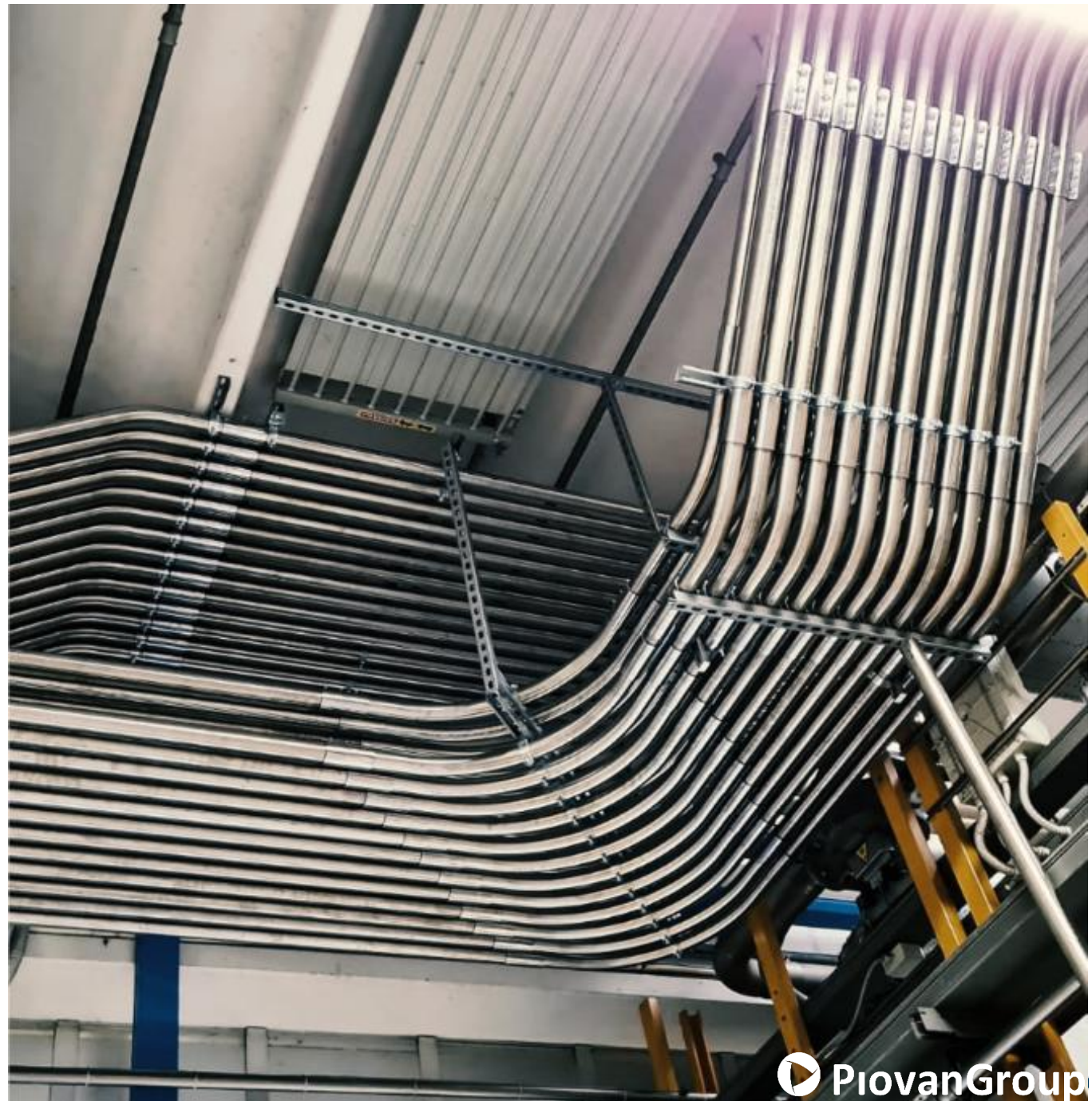
Great flexibility to match every site characteristics



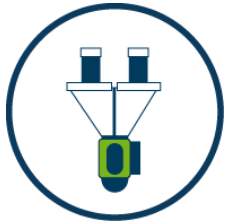
Centralised control for every type of plant



Error-proof solution for the most demanding quality standards



DOSING AND BLENDING



Full range of gravimetric and volumetric equipment for all applications



Intuitive interface with simple memorisation of equipment and line settings



Different dosing technologies dedicated to chips, flakes and powders



GRANULATION



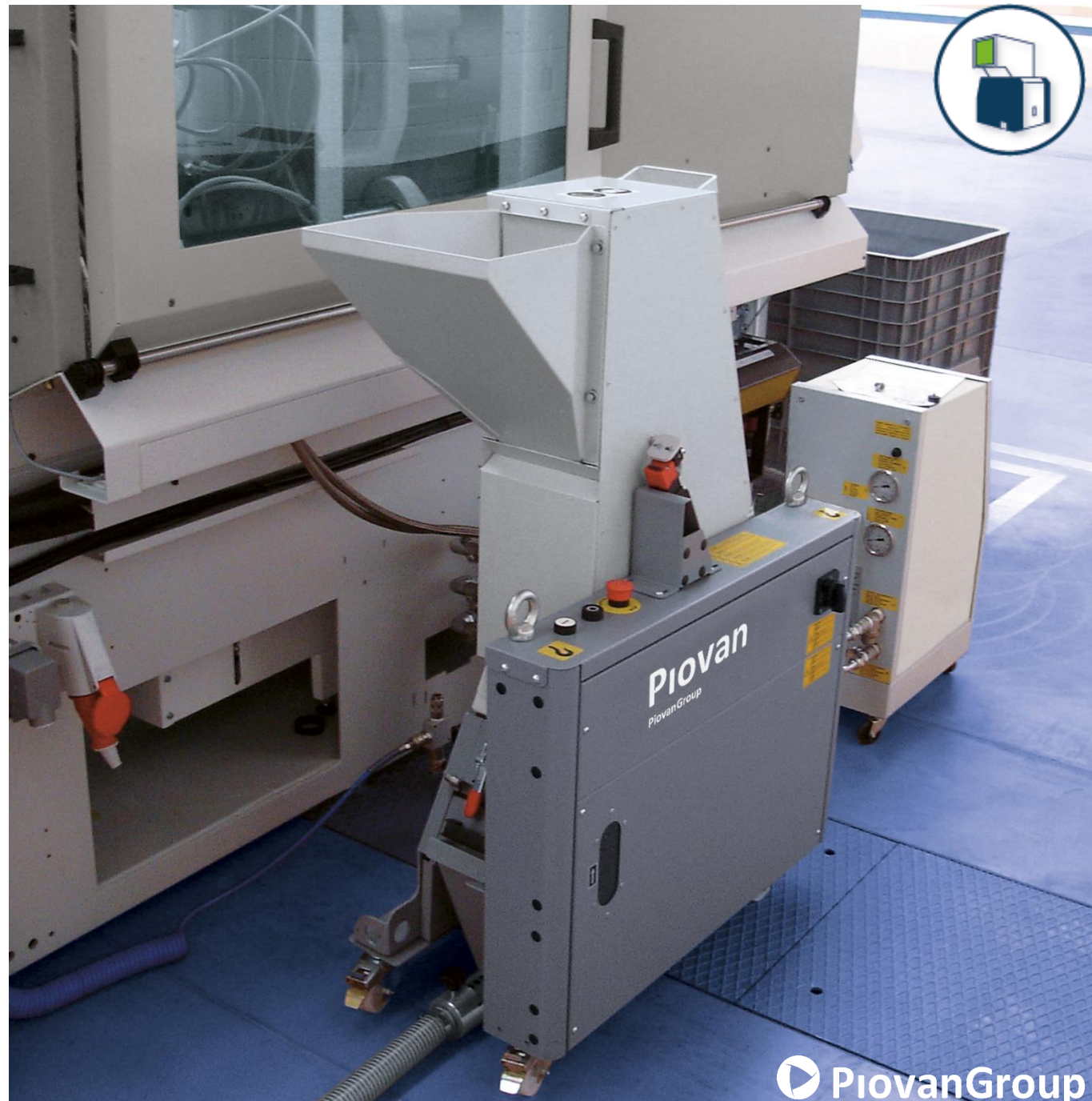
Cutting system designed for the maximum efficiency



Minimum dust generation and effective de-dusting for a dust free process



Maximum level of safety and minimum level of noise



TEMPERATURE CONTROL



Wide range of configurations for a reliable, stable and precise process control



Maximum aesthetic quality and high mechanical properties for produced parts



Highest level of reliability and durability



COOLING



Indoor and outdoor installation



Automatic self-adjustment according to the real thermal load



Seasonal air heat recovery



SOFTWARE



Unique interface to control all PiovanGroup equipment and process data collection



Flexible customization of the interface and intuitive graphical pages



Integrated tools for KPI and performances analysis





PiovanGroup

THANK YOU

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