



Company Overview

**PIOVAN**

*Customers. The core of our innovation*



Piovan is today a broad international group and a solid enterprise which grew and evolved with equilibrium and stability to its third generation. Committed to continuous innovation, Piovan's advances have all a definite forward looking approach.

Passion, enthusiasm and push are those of the early days, augmented over time by new collaborators and conveyed to all our customers with a very unique Piovan touch.



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# UNDERSTANDING OUR CUSTOMERS' NEEDS

During our long history of growth and challenges, values and individual skills have become the Piovan corporate culture. However, one key factor has always stayed the same as a guideline for our way of doing business: maximum commitment to innovation for the success of our clients.

Today, Piovan is the world leader in supplying ancillary equipment and services to the plastics industry. The achievement of this extraordinary result is a great source of pride and encourages us to maintain our excellent position on the global market.

Piovan, currently with 900 collaborators, 5 production plants and 20 companies worldwide, has an unrivalled international presence which means closeness to the customers is no empty promise.

Over fifty years of experience in the plastics industry has allowed the company to acquire an extensive cross-knowledge of the polymers processing and we want to share this heritage with our customers. We want to be seen as a trusted partner to clients in meeting their challenges, rather than just a mere supplier of auxiliary equipment. The aim is to work together to achieve the best possible results.

The intensification of international competition and the globalization of markets has spurred Piovan to try to continuously improve its organizational structure, knowing that only through ongoing improvements in process efficiency and product quality we will continue to deliver value to customers and keep our position as a global leader in our field.

By pursuing our development goals with determination, we remain faithful to the principles which have inspired Piovan for three generations, recognizing the primary role of our employees and leading the business with honesty, integrity and transparency.

**Nicola Piovan**  
**President and CEO**

# HISTORY OF INNOVATION

Today, the Piovan brand is synonymous with quality, innovation and reliability in plastic processing sectors all over the world. In 50 years of business, the company has become a multinational organization with production facilities in each continent.

## 1934

Piovan is founded by Costante Piovan in the Italian city of Padua. The company begins specializing in the field of precision mechanics and the production of molds for sheet metal processing. It soon gains a reputation for reliability and plays an important role in the emerging Italian industrial landscape.



## 1960s

Joining his father in the management of the family business, Luigi Piovan establishes commercial relationships with production companies in countries such as Germany and the USA. Piovan enters the market as the first Italian company to develop and produce auxiliary machinery for the plastics industry. In order to keep up with business growth, the production site is moved from Padua to Santa Maria di Sala (Venice) in 1969. The first of the new Piovan buildings here covers an area of 1,300 square meters.



## 1970s

Piovan soon starts making a full range of auxiliary machinery for all plastic processing applications. The company today is one of the few manufacturers who still does this.

The company's first chiller design goes into production in 1972.

In 1973, Piovan is at the forefront of technological developments. Just ten years after its beginnings, it installs the first centralized feeding, dosing and drying system, putting its already impressive engineering capabilities into serious practice.

Expansion abroad begins with the opening of Piovan's first foreign branch in Munich in 1974. An extensive sales network and a fast-responding technical assistance service are put in place a short time later.



## 1980s

The company builds a highly complex plant, confirming its ability to take on challenges with spectacular results. It features the largest dryer in Europe, with an airflow of 4,500 m<sup>3</sup>/h, combined with a 12,000 liter hopper.

In 1982, Piovan branches out into the niche market of PET.

It designs and develops the first drying system for the production of PET preforms in Italy. In 1989, work begins on new premises at Santa Maria di Sala (Venice) which cover an area of 28,000 square meters. This is where the company's head office is located today.



## 1990s

Piovan continues to develop solutions for the PET sector which also run on nitrogen. The first large plant is built in Colombia and includes a post-condensation PET system.

In response to the demands of the North American market, Piovan Canada is set up in 1993. In the same year, the first subsidiary in Brazil starts trading in the city of São Paulo.

In 1995, production of machinery for the niche Compact Disc market gets underway. This sector requires specific technological capabilities and skills.

In the same year, the company receives ISO 9001 quality certification.

Anticipating a market evolution trend, in 1996, Piovan acquires a software house specialized in supervision programs and develops the first software for the monitoring and control of the plant. This allows machine operation to be continuously monitored.

In 1997, Piovan Asia opens in the East. Its first office is in Singapore and more branches subsequently follow. Piovan is establishing a strong presence in this vast and diversified market.

The chiller manufacturing site is expanded in 1999.

## 2000 to present

In early 2000, Nicola Piovan takes over the operational management of the company. In 2009 he becomes president.

To assert itself as a leader on the important and complex South American market, Piovan builds its first production site outside of Italy. Piovan do Brasil, located in São Paulo, covers an area of 6,000 square meters.

In 2005, construction of the second production site abroad is completed. It is situated in Zhuhai in China and produces machinery for the Asian market.

In 2008, Piovan acquires the American company Universal Dynamics (UNA-DYN), based in Woodbridge, Virginia. UNA-DYN boasts 50 years' experience in the design and production of material handling devices, dosers and dryers.

They become the fourth production plant of the Piovan Group.

To meet the demands of the growing Chinese market, in 2009 Piovan moves to new, larger facilities in the Suzhou Industrial Park, Shanghai area. With a surface area of 10,000 square meters, the new location allows Piovan to significantly increase production capacity and widen the range of ancillary machines made in China.

In 2010, Piovan acquires a controlling interest in FDM, a German firm specializing in dosing technology for the plastics extrusion industry.

A new branch, Piovan Asia Pacific, is opened to help satisfy the demands of the south-east Asian market.

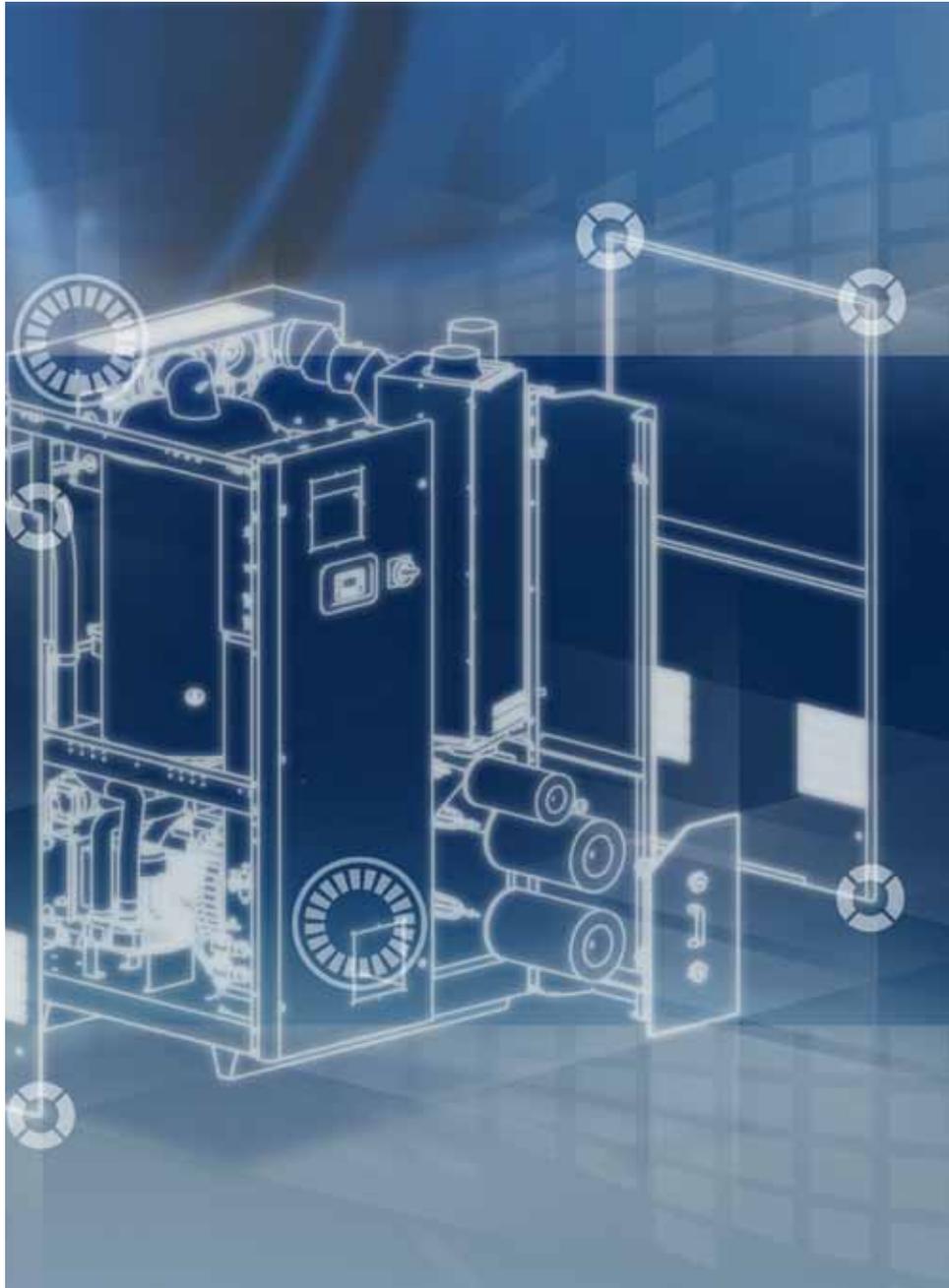


## **EFFICIENCY AND SUSTAINABILITY**

From conceptualization to application, each and every Piovan project is carried out on the basis of providing efficient solutions and enhancing the sustainability of all processes of plastics transformation. Many are the products that today are categorised in the High Efficiency Line of Piovan, such as Genesys, PETchiller, Digttemp, Ecosmart, Modula, Varyo, Lybra and WinFactory.

## **TECHNOLOGICAL ADVANCEMENTS**

In partnership with many customers Piovan entertains dedicated and personalized development programs either market-wide, localized, large or small scale. Product development and structural growth are the outcome of tight partnerships, in addition to supporting all customers along their paths to success.



Piovan has always been driven by the passion to grow through innovation. This instinct has never changed, right from the moment the company took its first steps on the international stage up to the present day. Innovation is one of our fundamental values and leads all our organization.

## CULTURE OF INNOVATION

### **Our aim**

Piovan's Research and Development division works closely with Marketing and Sales to develop new technology and constantly improve both product quality and the efficiency of production processes. Our business relationships with leading machinery manufacturers, research laboratories and plastics producers help us to create customized solutions that more than meet specific customer's requirements. These innovations strengthen our technical know-how and give us a vital competitive edge, supporting our customers on the road to success.

### **A cross knowledge of each plastics transformation process**

Thanks to their years of experience, Piovan designers and engineers are experts in a number of different application fields, facing and solving problems related to different production techniques and different polymers. Nowadays, the Piovan R&D division employs more than one hundred specialist professionals who are capable of analyzing different production challenges and putting their extensive range of skills to use. Our team can transform stand-alone technology and products into profitable solutions and tangible benefits for customers.

### **A talent for high efficiency engineering solutions**

Piovan's customers come from complex sectors. Today, two of the most fundamental requirements are the use of dedicated technology and sustainable production processes. Piovan has a long history of investing in research and development to ensure that all its efforts are always focused on providing fully integrated, high efficiency engineering solutions that are designed for optimum performance. Whether it be mass market consumer goods or plastic products for specific market niches, Piovan is committed to offering complete and centralized turn-key systems. The benefits of this integrated engineering approach can be seen in the success of our proprietary supervision software which is developed by the Piovan R&D division and can control any system.



Energy efficiency and sustainability are the drivers of Piovan's evolution in the development of new designs and applications for the packaging industry.

A fixture in the sector for over 40 years, Piovan is the perfect combination of maturity and innovation, something that is reflected in its services and supplies to this industry.

## PACKAGING

### Processes

Injection moulding, extrusion or extrusion blow moulding are processes that need different kinds of auxiliary equipment. With its complete range of products and broad engineering capabilities, Piovan fulfills all requirements by providing the most suitable solution.

### The widest product range

Packaging production is a broad area that covers the processing of relatively small, large or very large quantities of raw materials. Piovan has the solution for every application.

Material storage systems, providing appropriate and adequate management of raw material stocks, utilisation rates, reordering levels, along with protection

and conservation of all physical characteristics. Resin conveying systems of the Varyo line for smooth, effective and powder-free transfer of raw materials from storage to processing lines.

Lybra blending systems, which homogenise all ingredients to a high degree of precision for specific production requirements.

Drying systems of the Genesys family, the highest efficiency today achievable in industrial applications, along with Crystallization systems for the recycling of post-consumer regrind.

Chilled water systems of the PETchiller line, boasting the highest EER or COP, for solutions specifically developed for the packaging industry.

### Complete solutions

Innovation and dedication to R&D have been the watchwords for Piovan since the company branched out into the packaging industry in the late 1960s.

Along with providing a global service and after sales support, Piovan offers solutions with the ultimate objective for all customers to be successful. Flexible or rigid packaging, cast or blown film, sheets, performs or bottles, cups, closures, strapping bands or other, Piovan's philosophy is provide reliability, simplicity, dependability and overall guaranteed productivity.





Extensive, prompt and reliable service support, along with ultimate technologies for the processing of plastic materials, are in one single element the plus Piovan provides to the automotive industry.

Application-developed solutions are the contribution of Piovan to enabling production of highly qualitative parts at an utmost constant pace.

## AUTOMOTIVE

### Global reach

Large corporations operating in the automotive industry have selected Piovan as their strategic supplier.

Localised production, coupled with service and sales capabilities, are of the essence to provide the expected solutions and back up necessary in such very competitive and dynamic industry sector as the automotive one.

### Energy efficiency to the next level

Polymers are all more or less hygroscopic and require drying prior to being processed in the injection moulding machine or in the extruder.

In 2011, Piovan launched Modula, the only auto-adaptive multiple hopper central drying system in the industry. Modula is designed to provide stable physical characteristics to the raw material, with the objective of transferring heat and removing moisture with the lowest energy utilization possible.

Today the largest companies in the automotive business have reached levels of energy efficiency and obtained savings in the energy bill in the range of 50% after having installed Modula into their production centres.

### Value for the customer

Piovan offers solutions with the ultimate objective for all customers to be successful. Process control is of great if not vital importance in achieving steady production levels, the highest uptime and maximum profitability.

Be close to the production site with own specialised service technicians is one of the advantages Piovan offers to the automotive industry.





Turn key solutions and service packages are the abilities that Piovan, as the world's largest supplier of processing equipment, offers to the industrial and electronics sector, being those the first fields of application for the products Piovan has been supplying to the market for the latest 50 years.

## INDUSTRIAL AND ELECTRONICS

### Sound know-how and expertise

Tens of thousands are the supplies, both as stand alone units and engineered as systems, that Piovan have delivered to the industrial and to the electronics sectors.

With the most complete range of products and an in-depth knowledge and experience, Piovan engages close partnerships with its customers, for joint project developments or for shared activities carrying strategic nature.

### Preserving the properties of your raw materials

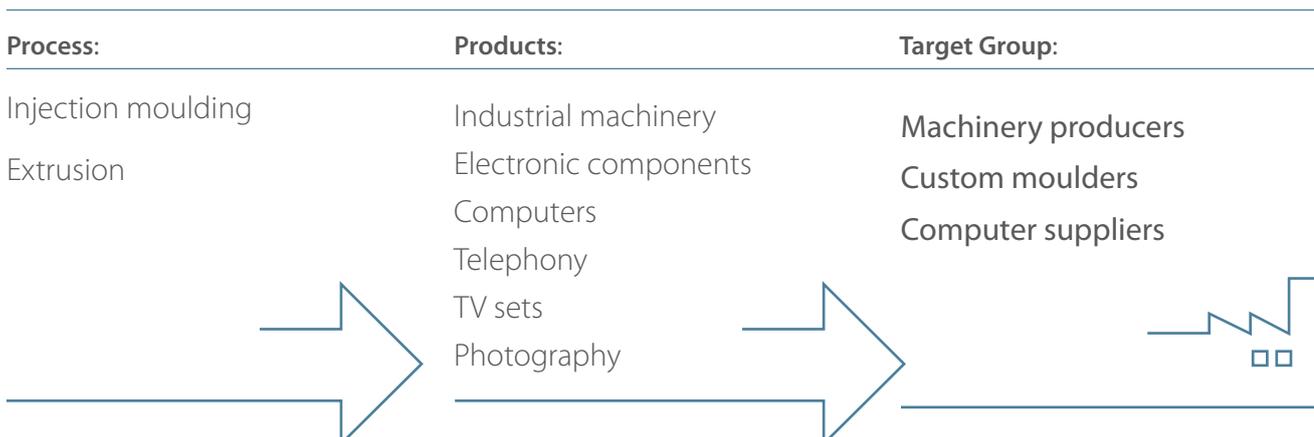
Providing the appropriate and adequate management of the raw material stocks, utilisation rates, reordering le-

vels, along with protection and conservation of all physical characteristics, are all critical elements often overseen. A standout example is the Piovan Varyo, which conveys granules into the system pipes under optimum conditions. The velocity of the granules during conveyance is the factor Varyo can influence, by adjusting it to the lowest level possible, thus ensuring a minimal if not absent powder generation.

To accomplish such innovative operation function, Varyo is equipped with variable frequency driven vacuum pump, automatically adjusting depending on pipe length, elevation and path.

### One partner

Piovan offers solutions with the ultimate objective of customer success. Process control is of great if not vital importance in achieving steady production levels, the highest uptime and maximum productivity. WinFactory, the standard supervisory software of Piovan, provides complete operations monitoring and remote access, enabling personalised maintenance and specialised troubleshooting services.





Productivity, process stability and high output are those elements that Piovan guarantees by providing dependable equipment and solutions. New materials and high performance products require the highest level of care, starting from the initial phase of the process of production, all the way to the finished goods.

## BUILDING AND CONSTRUCTION

### Equipment design

Continuous R&D and dedicated resources for the activities of solution engineering and customization of systems, is how Piovan maintains a solid foothold in the building and construction industry. Local production sites, encompassing service and sales capabilities, are of the essence to provide state of the art and personalised solutions which support each and every necessity in such a competitive and demanding industry.

### Complete production management

Plastic processing, whether it be injection moulding or extrusion, can only achieve optimum levels of productivity

if all operating parameters are kept under control and suitably managed.

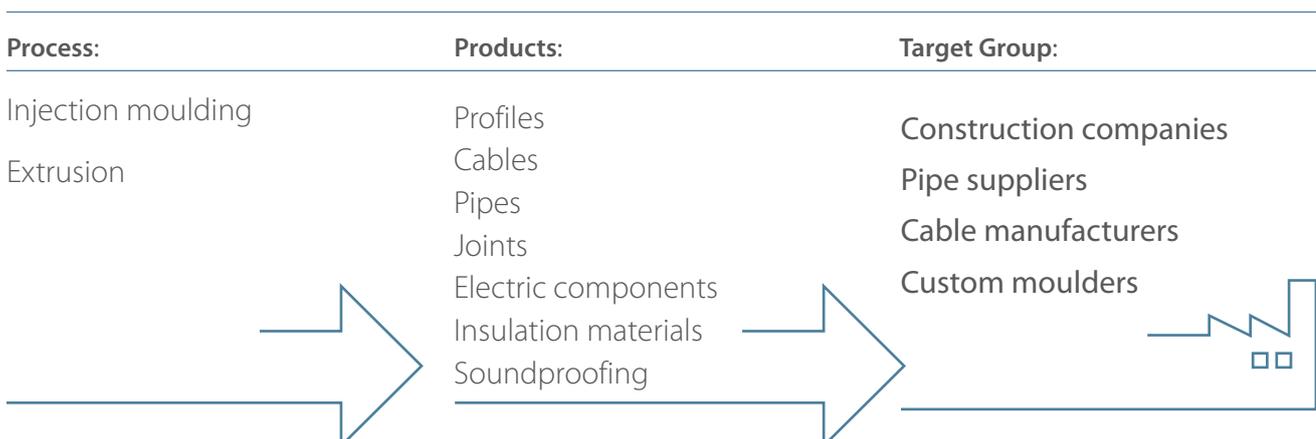
Piovan, as a pioneer and market leader in industrial supervisory systems for the plastics industry, contributes to achieving the highest level of production management with WinFactory, a plant-wide supervisory software. As well as allowing access to all processing machinery and equipment from remote locations, WinFactory collects all field information and creates productivity and functionality reports in real time.

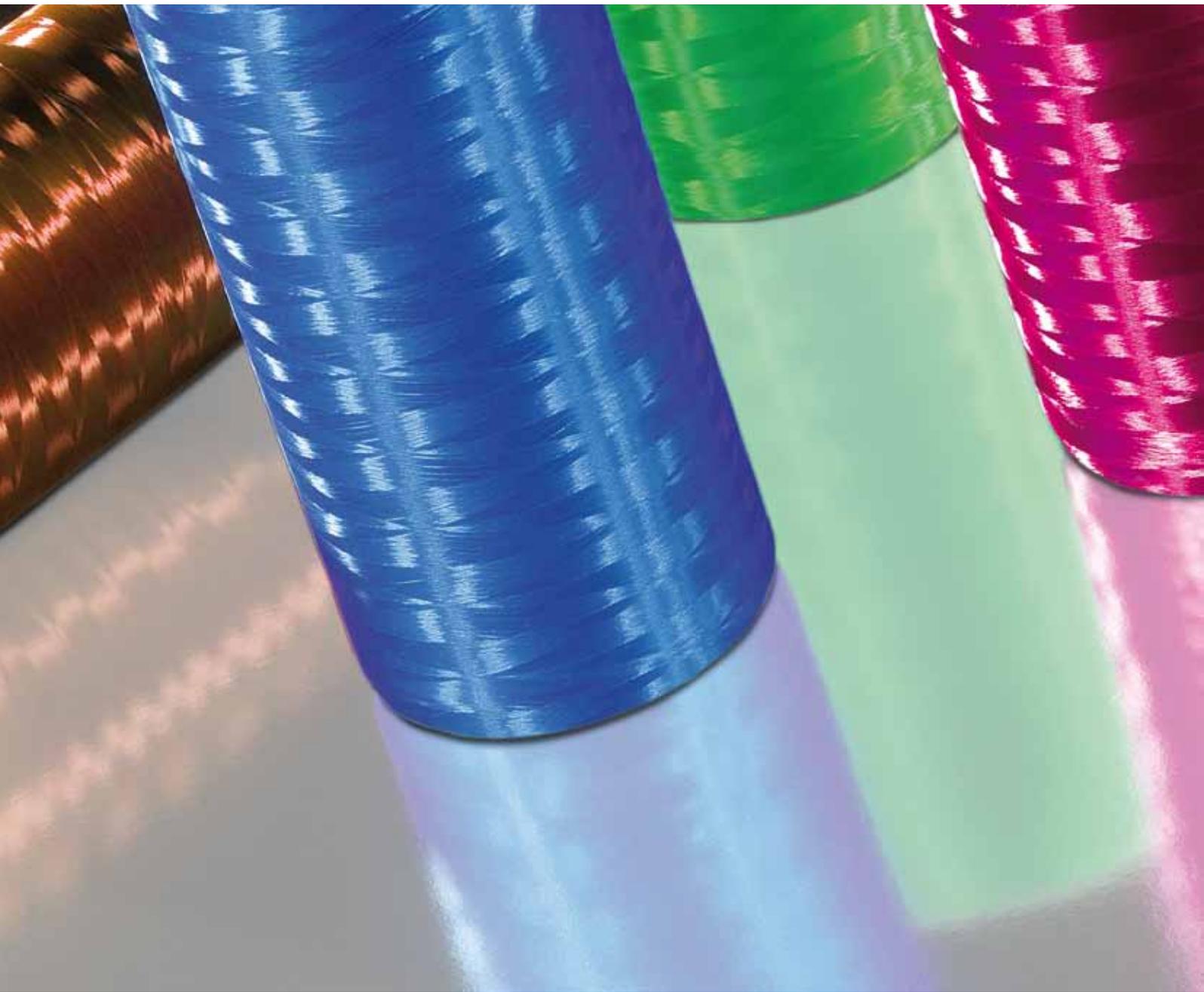
WinFactory is the tool at the basis of a sound and invaluable activity of co-operation with all customers. Piovan can provide remote back-up and equipment troubleshooting at the click of a

mouse as WinFactory can be accessed whenever, wherever and at any level, all adequately and safely managed.

### Growing opportunities

Reactivity, flexibility and innovation flair are those elements that made Piovan a global partner in the building and construction industry, a sector that shows a very unique dynamism, driven by need on one side and by trend on the other. Piovan is at home in very challenging environments, of which one certainly is the building and construction industry.





Ultimate technologies for the processing of plastic materials, coupled with durability and reliability, are the prime elements of development driving the entire course of equipment design at Piovan, from conceptualisation to application.

Complete service packages, along with application-developed solutions, enable production of highly qualitative textile manufactures at a steady rate.

## TEXTILE

### Productivity and uptime

Production processes requiring dependable auxiliary equipment are those characterising the textile industry.

Any extrusion application is represented by a continuous process of transformation of plastic, at considerable high rates and at conditions that require highly accurate control of mechanical and physical parameters of the raw resin, prior to being transformed into a finished product.

### Highest process stability and energy efficiency

Engineering polymers require drying, a process which has to be as stable as possible to guarantee continuous mechanical characteristics of the dried material. Also, drying is an energy de-

manding process, as the resin must be heated to release humidity.

With the objective of providing the most stable thermal conditioning and residual moisture levels possible, along with utilising the lowest energy necessary to achieve an adequate processing condition of the raw resin, Piovan has developed Genesys, the only adaptive drying system available in the industry.

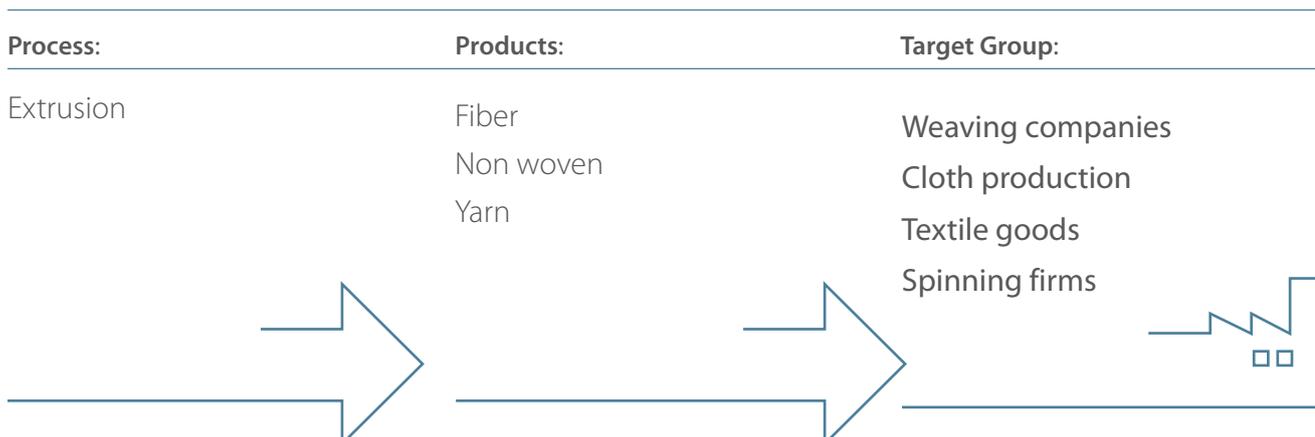
Genesys is capable of managing all process parameters automatically and identify the variation of environmental conditions such as temperature or humidity, so to self adjust and deliver a constant output. Genesys also detects the rate of consumption of the resin by means of a Piovan proprietary loss-in-weight technology and adjusts the

process of drying in accordance to any variation, small or large.

Genesys is the only drying system in the market whose performance has been tested and verified by TÜV of Germany.

### No tolerance

Optimum process performance is achieved by means of strict and accurate controls. Piovan delivers solutions so that its customers can obtain the best possible results in terms of production uptime and energy use. All systems are engineered to obtain the smallest TCO and maximum profitability, coupled with highly sustainable production processes.





Piovan engineers and supplies solutions developed for the specific sector of application. Each industrial and productive process encompasses characteristics that require in-depth knowledge, for the objective of generating the best value for the end product.

## FURNITURE, TOYS, HOUSEWARES

### A combination of flexibility, control and efficiency

General purpose applications must be carefully assessed when it comes to determining the most suitable set-up for rendering the production process profitable, efficient and sustainable.

A complete understanding of the objective the end product must achieve and the technology behind making it distinctive and unique, is what Piovan provides as a value added to the development and supply of the engineered solution for the processing equipment.

### Utmost efficiency and performance of your cooling system

The processing of any plastic material requires a considerable amount of energy to be first given to the resin, so for it to be either injection moulded or extruded,

and to be then removed, so that the end product acquires mechanical stability and stiffness. Piovan has developed the line of chilled water systems having the highest EER or COP for applications in general purpose environments, that are those subject to constant and continuous variations of the heat load.

Ecosmart is the line of high efficiency chillers that Piovan produces and utilises when engineering a process water cooling solution, along with highly technological components like servo assisted water flow management devices, inverter controlled pumps and optimised water piping. Any element of a chilled water system contributes to confer to the process of production of any plastic part a neat characteristic of efficiency and above all profitability. In this respect Piovan provides energy audits and engineering stu-

dies for new and existing solutions, with the objective of making all productive processes efficient and sustainable.

### Value for your investments

With a history that dates back to the early 1960s, Piovan has always approached projects with the target of delivering the best value for money. Complex systems, serving and supporting multiple production lines, consist of a multitude of critical elements that have to be integrated and controlled to turn any variable into a process parameter.

In-depth understanding of the plastic part manufacturing process is what Piovan brings to any new equipment development or solution engineering.





Piovan offers process stability, accuracy and impeccable design characteristics to the medical and pharmaceutical product sector. Solutions engineered and supplied in the course of the years are at the basis of the extensive knowledge of Piovan, of all those processes that require the highest level of attention.

## MEDICAL AND PHARMACEUTICAL

### Safe

With 50 years of activity in the industry and the broadest range of products in the sector of the auxiliary equipment, Piovan values attention to equipment design, quality of any of the components utilised and safety of operation from any perspective.

Guarantee of performance with any Piovan product is expressed in a safe method of utilisation of the equipment and a secure result with any of the processes to be accomplished.

### Optimised and distributed temperature control

Any of the production processes, either by injection moulding or extrusion, have an intermediate phase which is the cooling one. During cooling, part

of the energy contained in the plastic mass in form of heat is removed, so for the product itself to acquire a solid shape.

To achieve this, Piovan has introduced a new concept: distribute the cooling power necessary for a production plant across individual cooling units called Digitemp.

Digitemp is available in many different sizes and allows the user to generate cooling power directly next to the machinery to be cooled. Consequently, conventional devices used to produce, store and distribute cooling power have now been superseded.

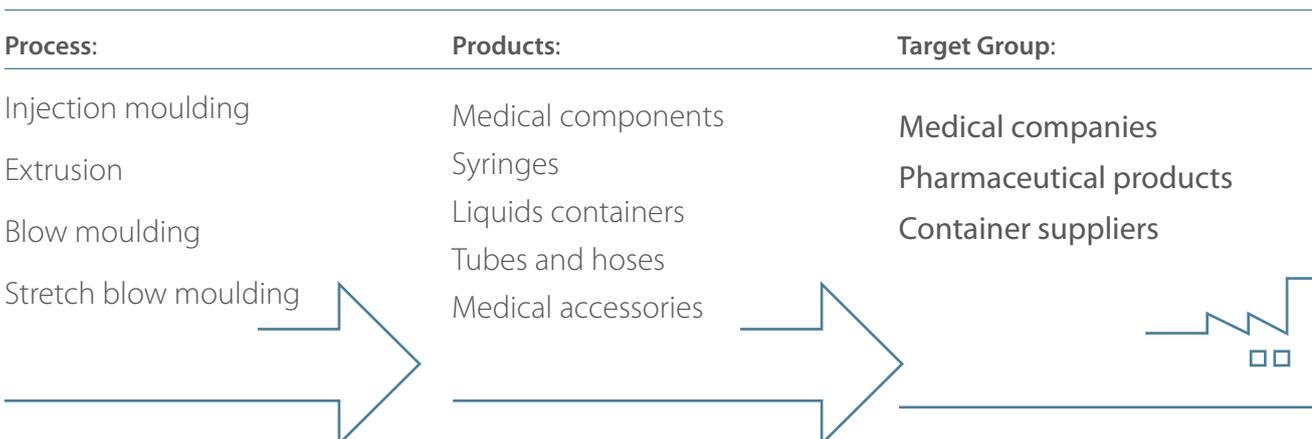
Along with providing exceptional savings, slashing energy consumption, Digitemp also allows to operate the cooling circuit at the necessary tempe-

rature with no compromise, from very low values of about 0 degrees Celsius to very high ones of 90°C.

Digitemp does not require the use of temperature controllers as it can manage a very wide spectrum of temperatures.

### Uptime

One of the most critical factors of a productive process is uptime which Piovan guarantees and considers one of the major elements when developing a solution. Dependable, reliable, efficient, safe and qualitative equipment are always at the basis of any of the engineered system solutions provided by Piovan.





Dedicated design and engineering, coupled with in-depth knowledge of the physical and mechanical characteristics of the plastic material, are part of the offer of Piovan for the production of recycled materials and high-performance compounds. Productivity, process stability and high output are guaranteed by dependable equipment and solutions.

## RECYCLING & COMPOUNDS

### A great deal of energy conservation and performance

Ultimate technologies for the preparation of plastic materials and specific application-developed solutions, are the attributes of Piovan at the basis of providing a response to the processes of recycling.

High performance machinery and controls of the latest generation, featuring the highest precision and accuracy of operation, are a must for the production of ultimate compounds.

### Large capacities of processing

The treatment of recycled materials, primarily of flakes from post consumer bottles, requires machinery with considerable capacities of processing.

Conveying and thermal treatment are

the two processes Piovan accomplishes by providing vacuum systems capable of handling any possible shape, granulometry and density of the regrind and crystallising systems that ensure accurate and adequate energy transfer to obtain stripping of contaminants and preparation of the recycled material to the downstream processes.

The management of multiple ingredients, characteristic of the production of compounds, is a critical phase requiring the employment of equipment boasting accurate and repeatable performance. The proprietary technology of continuous blending, distinguishing feature of the FDM line of blenders of Piovan, fulfils any of the requirements necessary to produce compounds of the latest generation.

### Growth and evolution

Piovan develops and engineers solutions with the objective of achieving the best possible results, both for production uptime and energy utilization. The highest level of sustainability of the production process is coupled with the smallest TCO and the biggest profitability.

Recycling processes and compounding lines, for the production of the polymers of the future, are experiencing a solid growth, spreading throughout the numerous sectors of plastics transformation.

Process:	Products:	Target Group:
Extrusion	Recycled materials Compounds	Recyclers Compounders





To assure its long-term success, Piovan assumes full responsibility for its products.

That is why, to us, product responsibility means coming up with the right answers to questions about quality, customers expectations and environmental impact.

## PRODUCT RESPONSIBILITY

### Our quality policy

It is our aim to be a qualitative organization in every respect.

We are committed to fulfill customer expectations and to ensure our competitiveness by continuously improving our products and processes, earning mutual respect and confidence.

Quality is built into our machines, our internal operations and our interactions with the environment.

Our employees are encouraged by coaching and training to be actively involved in our processes to reach the corporate goals.

Our best practice certifications and methodologies (ISO 9001, Kaizen) enable us to define, audit, review and follow up our quality objectives on a permanent base.

### Our solutions performance

Piovan's main role in sustainability is to supply environmentally sound solutions and services, which enable its customers to develop their business in a sustainable way. This requires continuous investment in technology development and an on-going search for new solutions.

We give strong priority to developing

and applying technologies that reduce the environmental impacts of our products. Key features of Piovan's environmentally sound solutions include:

- reliability, safety and long life-time;
- solutions to improve energy efficiency;
- solutions to reduce emissions;
- solutions to maximize efficiency with lowest life-cycle cost;
- solutions to properly recycle materials;
- optimization of machines design and operations.

### Our environmental focus

Some data about our systems performance and the environmental impact of our actions:

with more than 200 Genesys dryers and 100 PETchillers in operation, Piovan is contributing to a reduction of CO2 emissions in excess of 150.000 ton. per year;

all our products and systems are designed to optimize the use of energy sources: the latest generation of dehumidifiers and temperature controllers achieve notable energy savings, dosers that do not require set-up and testing and therefore reduce granu-

late wastage, refrigerators with free cooler systems exploit natural air temperatures, recycling systems for putting production waste back into the production cycle, supervision software for monitoring and optimizing consumption of both energy and materials.

Piovan has made important strides in constructing and equipping their own manufacturing plants characterized by reduced environmental impact in terms of emissions, waste production and the optimization of energy consumption.

The Italian factory has been equipped with a co-generator, which recovers part of the thermal energy dispersed in smoke and in cooling-down machinery, and turns it into electricity (30%, subsequently integrated with the mains supply) and heat (70%). Thanks to the use of this system, Piovan has achieved average annual electricity savings of 10%.

Piovan has conducted a careful study of packaging used in the transport of its machinery, in order to eliminate overpackaging and wherever possible to employ re-usable or recyclable materials.





The Piovan team accompanies customers from the initial planning stage through to system installation and start-up and ensures continuous follow-up for optimum performance. The technical skills and dedication of our service staff play a key role in ensuring safe and reliable operation of our equipment.

A Piovan customer always feels unique.

CDK, Customer Devoted Knowledge, is the trademark of our service package.

## SERVICES

### **Help Desk**

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

Through the Help Desk, the customer requiring assistance can straight away speak to an expert who is able to supply immediate, resolving support, analyze his demands and foresee any eventual specific action to be taken.

### **Maintenance Contracts**

The maintenance contracts offered by Piovan Services have unique characteristics. The contract consists of a series of operations, each of which is recorded in a service log, called the Plant Book. Maintenance of the machines and performance kept at the highest level are guaranteed at any call-out time. The maintenance contract allows the customer to extend the warranty to three, four or five years.

### **Training**

The development of skills and sharing of knowledge are vital factors that cre-

ate a solid and successful company. It is with this spirit that Piovan Services Department shares its knowledge with its customers, OEMs, research institutes and universities. Training courses for the clients are customized and offered with different formulas, depending on the specific needs and location chosen for holding the course.

### **Equipment Overhauling**

All Piovan equipment can be overhauled on request and restored to the condition of a "brand new machine". Specialized personnel of the Services Department will provide all information about the type of work to be carried out to restore the machine to optimum working conditions and start-up assistance will be given on customer premises.

### **Spare Parts**

Thanks to a system automatically managing 15,000 various components and a selection of international express couriers, the Services Department of-

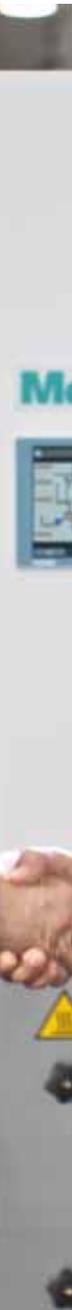
fers a rapid, prompt and complete spare parts service and ensures that every single part can be shipped anywhere in the world.

### **Installations**

Piovan, as a global Service partner, can offer services of planning, turn-key installation, start-up and management of the activities of system supply anywhere in the world. Every supply is coordinated by a system planner from the Services department, who manages all stages from project to start-up.

### **Energy Audits**

Energy efficiency and energy conservation are amongst those vital elements contributing to the performance of any business. Our certified auditors bring their technical know-how and engineering expertise to the service of all customers, to produce analytic studies and create state of the art solutions.





Piovan's market presence extends across the world, wherever our customers are and wherever they are looking to grow. Five production facilities, 20 subsidiaries and representatives in more than 70 countries ensure that we stay close to our customers.

Whether you are seeking equipment to help optimize your manufacturing processes or require global technical service support for a new plant, Piovan can work with you to develop the most suitable local or global solution.

## INTERNATIONAL PRESENCE AND GLOBAL PRODUCTION

### **Piovan Regions and Companies**

#### **EMEA**

Piovan Headquarters, Santa Maria di Sala (Venice), Italy

Piovan Germany, Garching, Germany

Piovan France, Brion, France

Piovan Central Europe, Brunn am Gebirge, Vienna, Austria

Piovan Hungary, Budapest, Hungary

Piovan Czech Republic, Prague, Czech Republic

Piovan UK, Bromsgrove, Worcs, United Kingdom

Piovan Turkey, Istanbul, Turkey

FDM, Königswinter, Germany

#### **NORTH AMERICA**

Universal Dynamics, Woodbridge, Virginia, U.S.A.

Piovan Canada, Mississauga, Canada

Piovan Mexico, Mexico City D.F, Mexico

#### **SOUTH AMERICA**

Piovan do Brasil, Osasco, Brazil

#### **ASIA**

Piovan China, Suzhou, China

Piovan Beijing (Rep.Office), Beijing, China

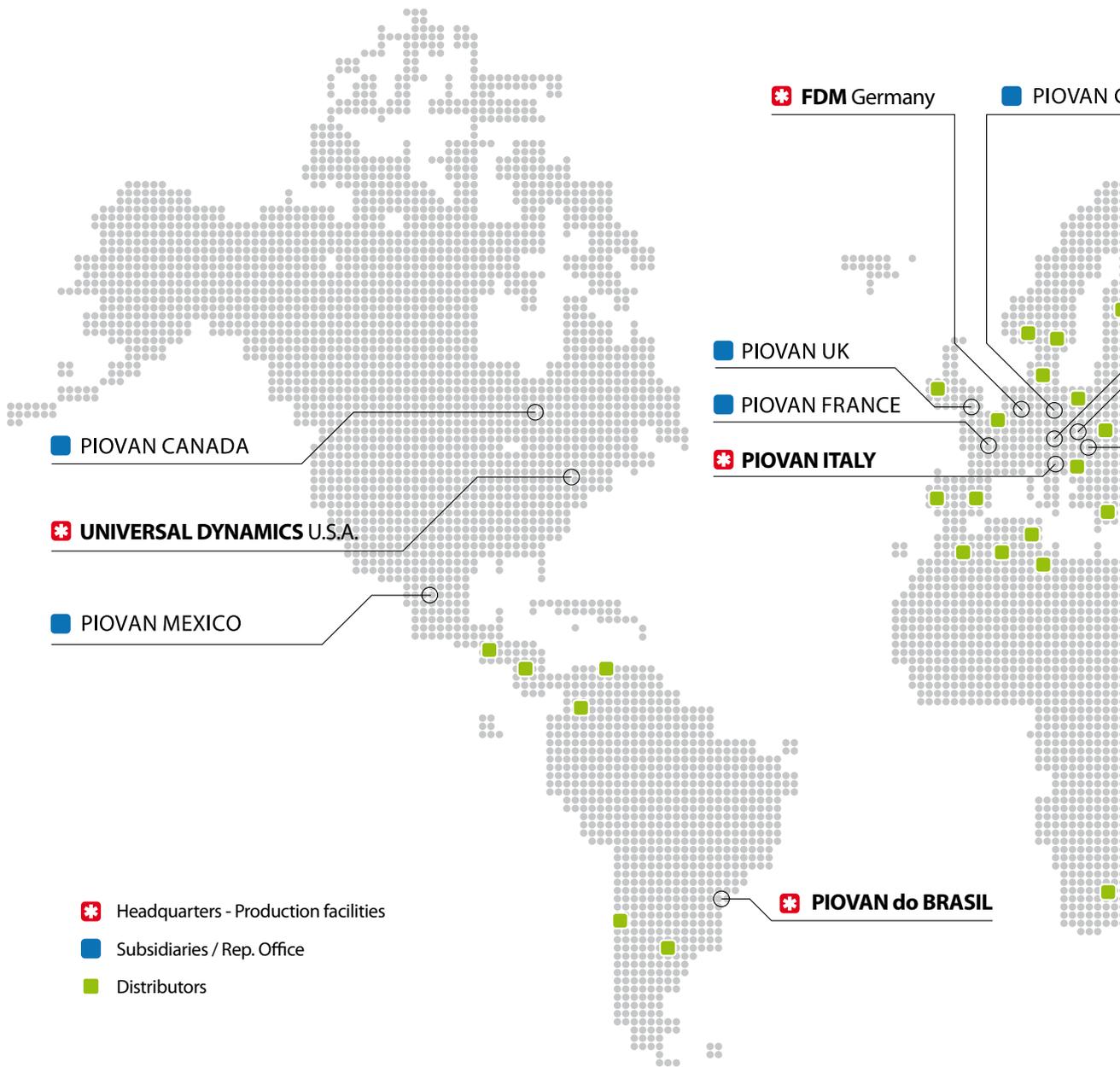
Piovan Shenzhen (Rep. Office), Shenzhen, China

Piovan India, Navi Mumbai, India

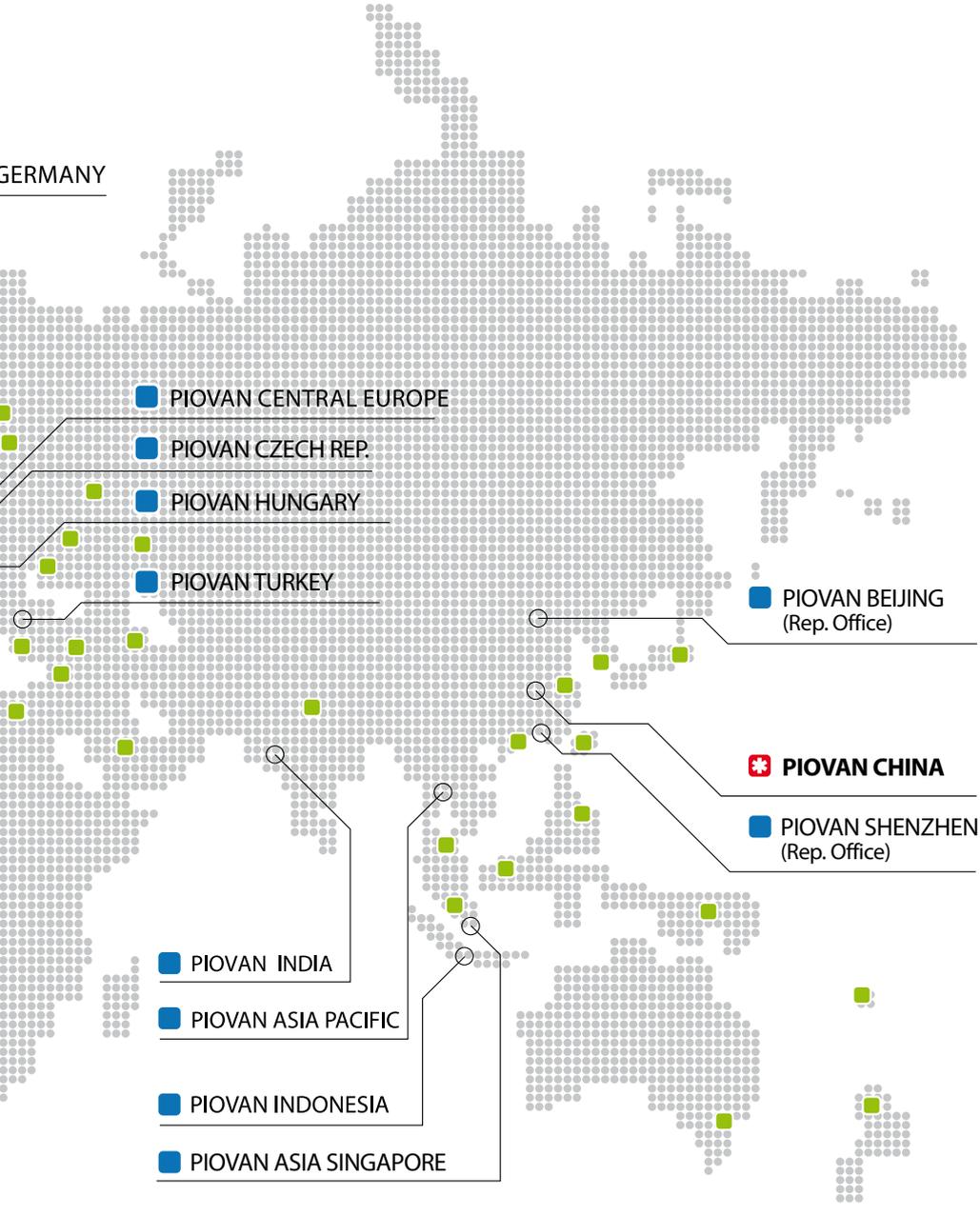
Piovan Asia Pacific, Bangkok, Thailand

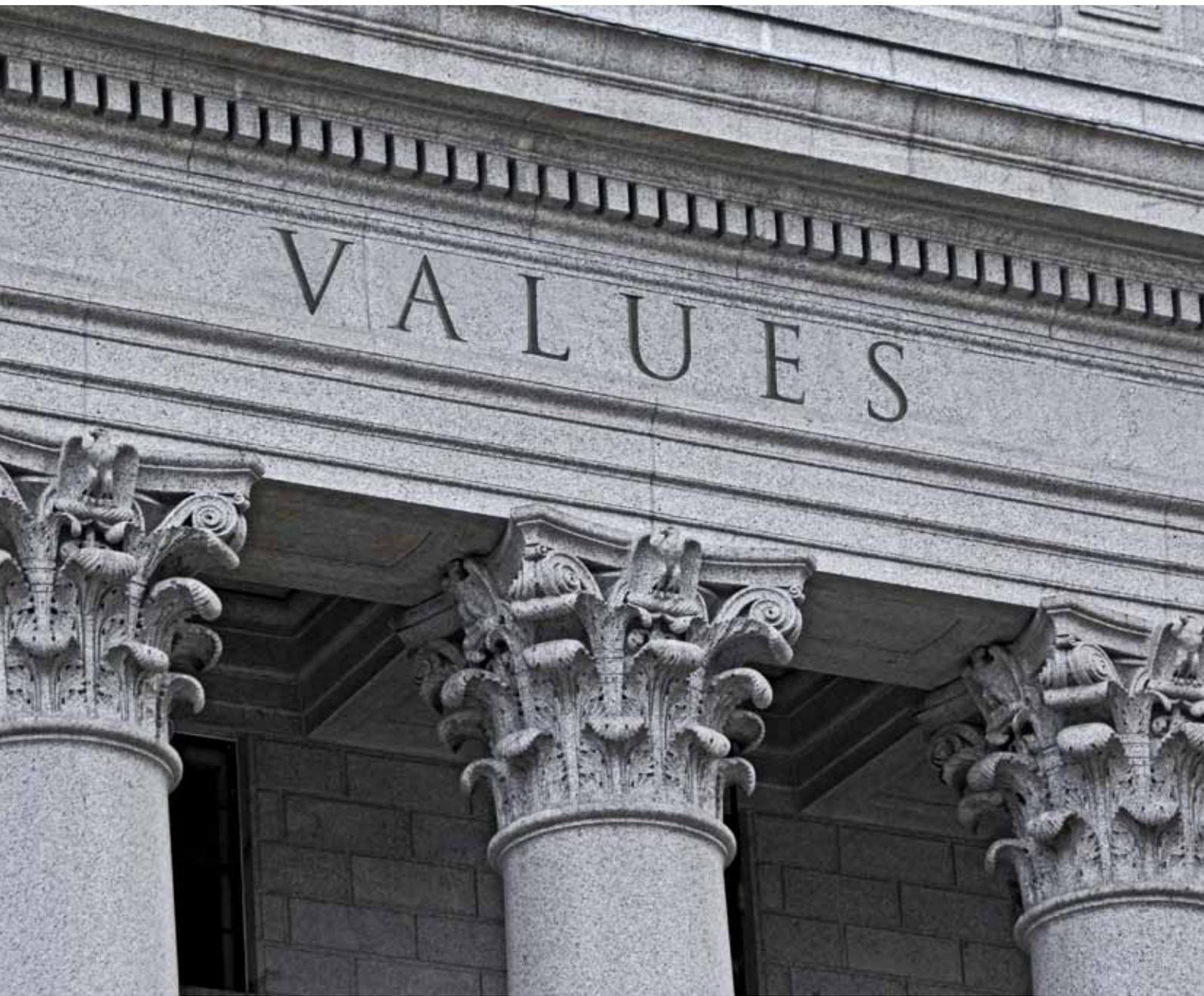
Piovan Indonesia, Jakarta, Indonesia

Piovan Asia, Singapore



# PIOVAN WORLDWIDE ORGANISATION





Customers, People, Innovation are the three pillars supporting our corporate philosophy.

These core values have existed throughout our history: they represent the principles all of us follow within the Piovan organization and complement our brand through the mission statement “Customers. The core of our innovation”.

## OUR THREE PILLARS

### **Customers**

All our ideas and actions originate from a customer-centric approach to business. We aim to become a valued and trusted partner to each customer by being proactive and coming up with new ideas for the success of their business, while establishing long-term relationships built on customer satisfaction and trust.

### **People**

People are our most valuable asset.

By combining the talents of employees, each with their own unique qualities and way of thinking, our corporate value increases. We are committed to being an organization where all employees are strongly motivated, have ample opportunities for personal advancement and work with pride and confidence.

### **Innovation**

Since our foundation, our aim has been to create new value through innovation. This pursuit has resulted in such milestones as the development of the world’s first drying system for PET applications, the introduction of unique supervision software in the plastics industry and the successful launch of “Genesys,” the most efficient drying system of all time.

Supported by our cutting-edge technology and the innovative products created by it, we have become a leader in the development of plastic material handling systems. Our relentless pursuit of technological development has been the number one catalyst in our growth.

We also help the businesses of our customers to grow by anticipating changing needs and by developing the technology they value most. With global competition in mind, we will branch out into new markets, differentiate ourselves from competitors and aim to make all of our technology and products industry standards.







All products in the cover image  
are produced utilizing **Piovan** equipment

**PIOVAN**

*Customers. The core of our innovation*

