



40 YEARS' EXPERIENCE



MADE IN ITALY 

FAMILY-RUN BUSINESS

SECOND-GENERATION COMPANY



LOCATIONS



FORESTO SPARSO (BG)

- HEADQUARTER
- PRODUCTION SITE



VIADANICA (BG)

- LOGISTIC HUB



COLOGNE

- SALES OFFICE



HEADQUARTER





LOGISTIC HUB

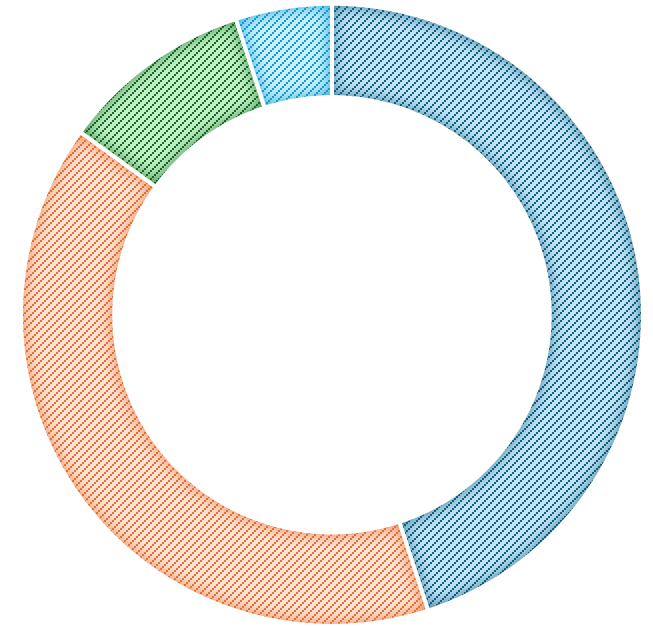
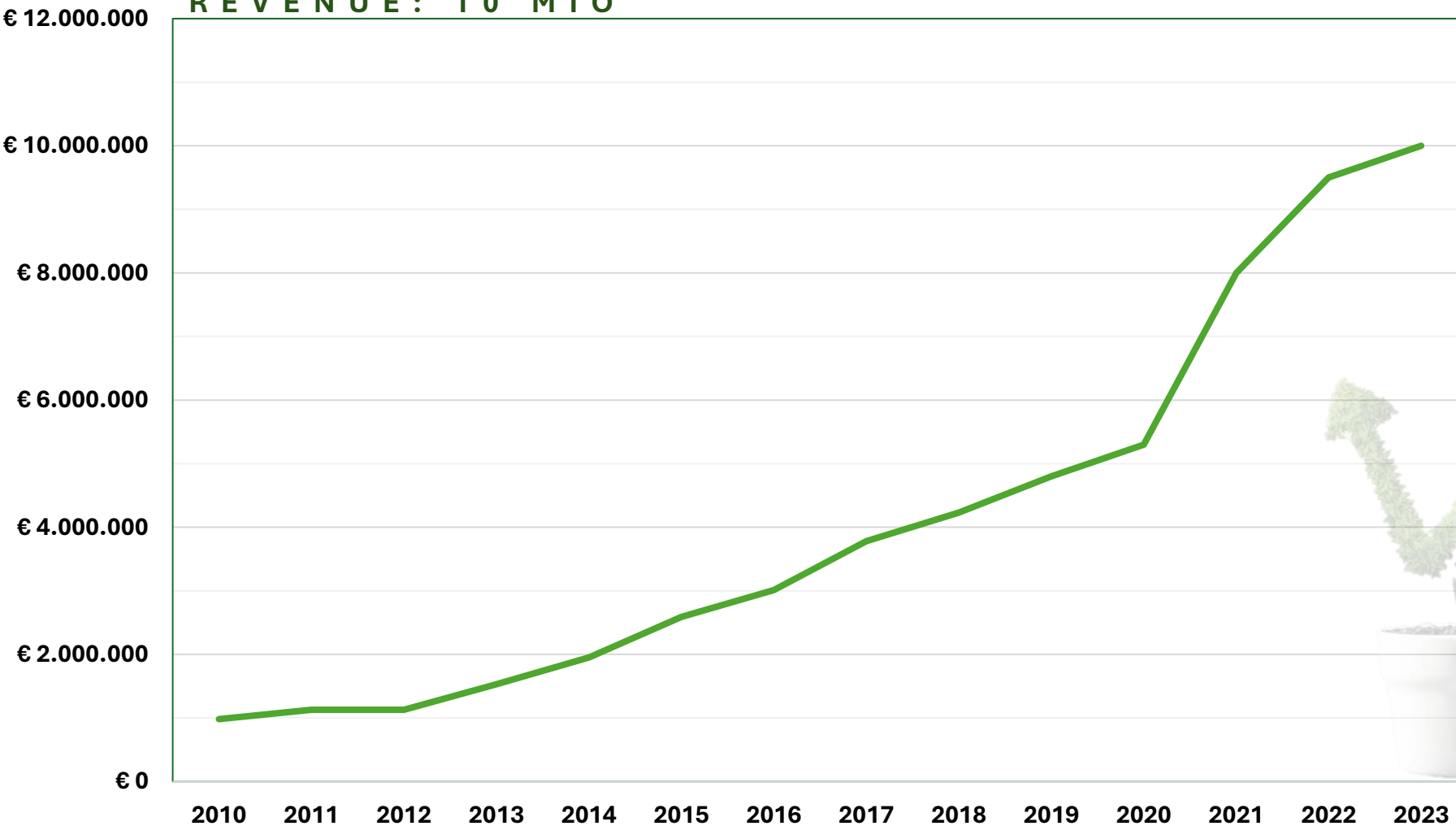




■ ITALY ■ EUROPE ■ AMERICA ■ ASIA

BY THE NUMBERS

REVENUE: 10 MIO

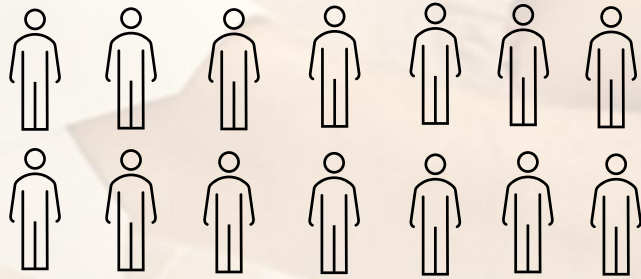




PEOPLE AND FIGURES

1 4

WHITE COLLARS



5

DAYS per week

24

HOURS a day

3

SHIFTS a day

2 6

BLUE COLLARS



40

EMPLOYEES

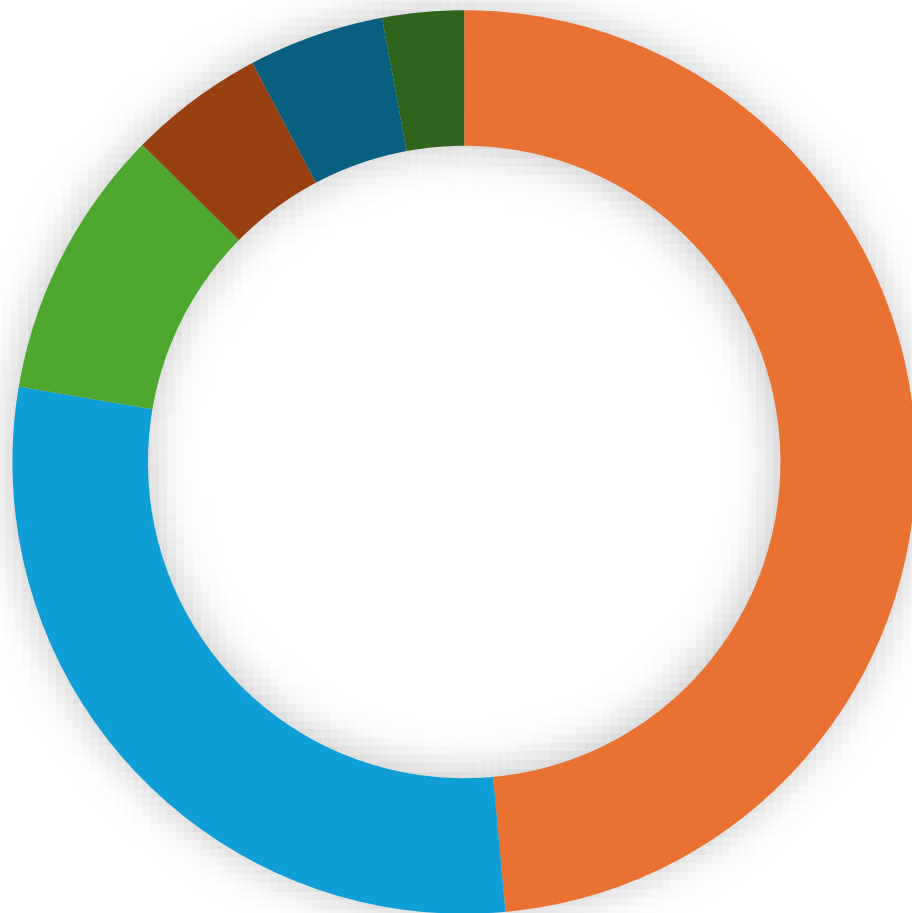
OTHER SECTOR



AUTOMOTIVE



INTERNATIONAL MARKETS



■ HEATING

■ AUTOMOTIVE

■ APPLIANCES

■ PNEUMATICS

■ HYDRAULIC

■ OTHER SECTOR

HYDRAULIC



PNEUMATICS

APPLIANCES



HEATING





QUALITY MADE OF PASSION

O U R G U I D E L I N E S :



PROCESS



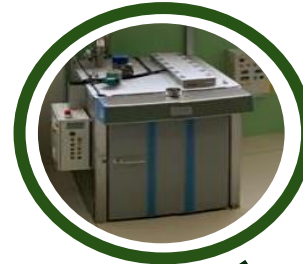
COMPOUND
SELECTION



MOULDING



TREATMENTS
POST-CURING



QUALITY
CONTROL



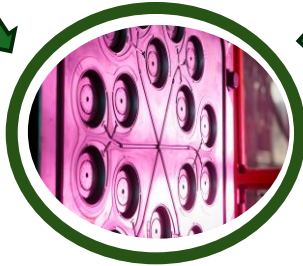
PACKAGING
AND STORAGE



TECHNICAL
CONSULTING



MOLD
REALIZATION



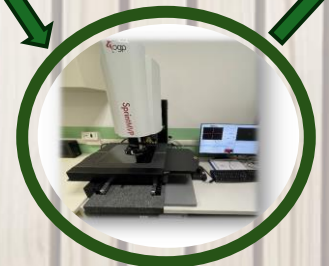
DEBURRING



SURFACE
TREATMENTS



LABORATORY
TEST





TECHNICAL CONSULTING

We provide full support to customers to find the best design solution to join a high quality result and being competitive at the same time :

- *TARGET DEFINING AND PROJECT DEVELOPMENT*
- *INDIVIDUATION OF THE SUITABLE RAW MATERIALS*
- *COMPONENT ENGINEERING AND DEVELOPMENT*
- *EQUIPMENT DESIGN AND SAMPLING*
- *RELIABLE AND DURABLE PRODUCTS WITH CONTROLLED PROCESSES*



COMPOUNDS

F O R E V E R Y S P E C I F I C N E E D !

- **NBR-HNBR-EPDM-EPDM PEROX-EPDM NOT CONDUCTIVE-VMQ-FVMQ-FKM-FFKM-AEM-ACM-LSR-CR AND MANY MORE...**
- **TAILOR-MADE MATERIALS ACCORDING TO THE CUSTOMERS' SPECIFICATIONS**
- **APPROVAL MATERIALS FOR AUTOMOTIVE , HEATINGS, HOUSEHOLD APPLIANCES, GAS, DRINKING WATER**
- **WE TRANSFORM BLACK AND COLORED ELASTOMERS WITH DIFFERENT HARDNESS FROM 30 TO 90 SHORE.**

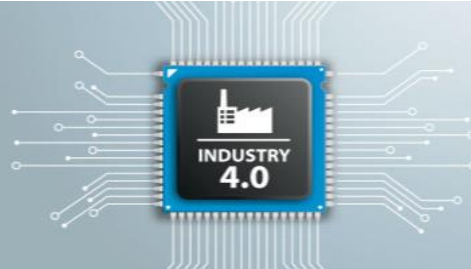


ACS





OUR BEATING HEART



- *12 machines - 10 injection machines - 2 compression machines*
- *MAPLAN from 300 to 460 tons*
- *YOUNG machine fleet*
- *By the end of 2024 2 new machines will arrive*



THE DIGITALIZATION PROCESS
*guarantee a better planning of the
business activities, more accurate
control and analysis of the process
for a high quality which allows us to
be flexible on customer needs.*





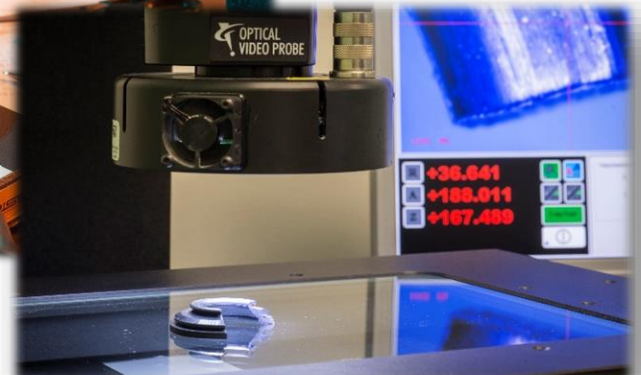
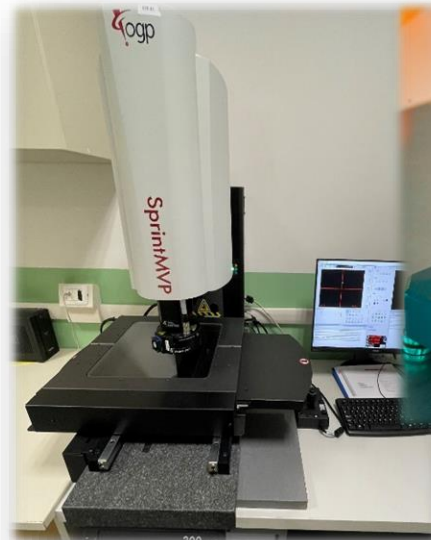
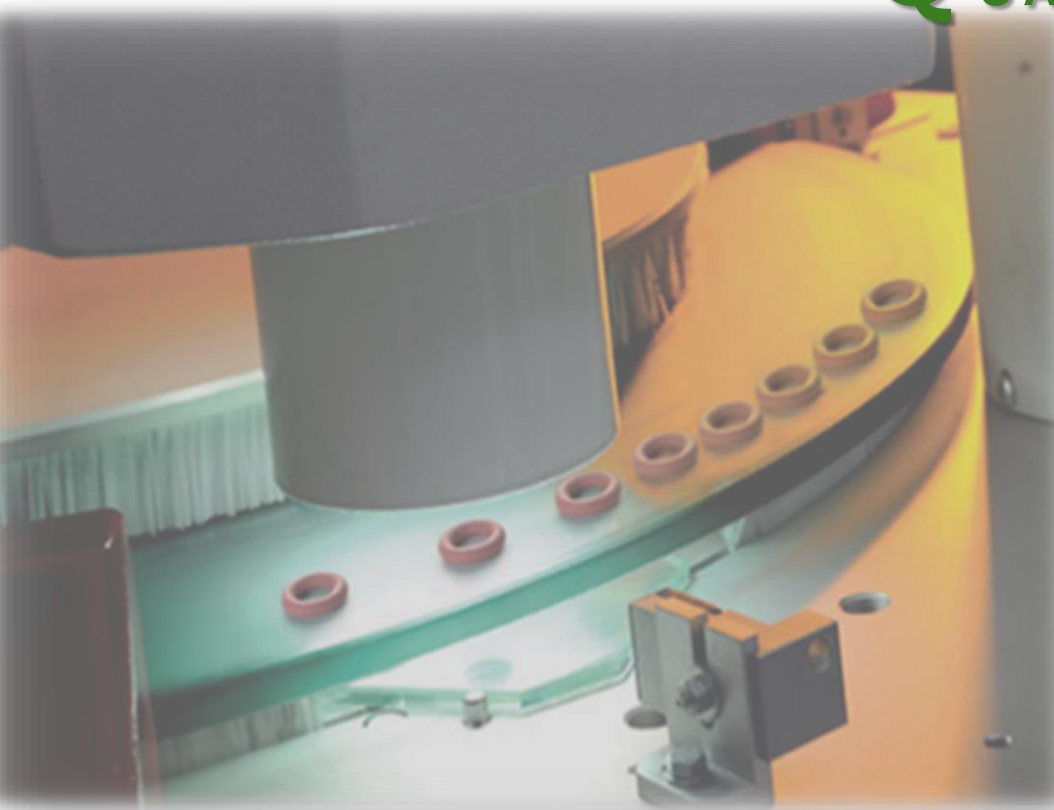
- O-RING
- WASHERS
- SHAPED TUBES
- SLEEVES
- BELLOWS
- MEMBRANES
- FRAMES
- GROMMETS
- LIPSEALS
- TECHNICAL ITEMS ACCORDING TO DRAWING

OUR TAILOR-MADE PRODUCTS...





QUALITY ASSURANCE!



1 0 0 % Q U A L I T Y C O N T R O L

L A B O R A T O R Y T E S T I N G A T E A C H P R O D U C T I O N



IS NOT ONLY MOULDING...

PERMANENT AND SEMI-PERMANENT
(TRANSPARENT OR COLOURED)

- LOW FRICTION
- FAST ASSEMBLING
- DYNAMIC APPLICATION
- DETECTION
- ANTI - STATIC EFFECT
- WATER AND OIL REPELLENT

ASSEMBLING

ASSEMBLING



- RUBBER GASKET WITH METAL OR PLASTIC COMPONENTS

COATING

COATING





ALL AROUND GASKETS

- **Gasket-Sheets**
- **Cuttet Gaskets according drawing or DIN/ANSI**
- **Aramid-Fiber/NBR-Gaskets,**
- **Virgin and modified PTFE-Gaskets,**
- **Graphite Gaskets also reinforced,**

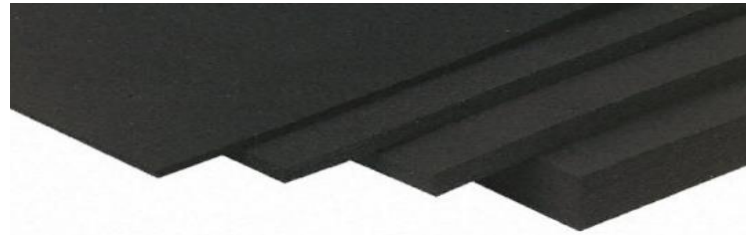
We offer materials from manufacturers like

KLINGER FRENZELIT DONIT REINZ GARLOCK

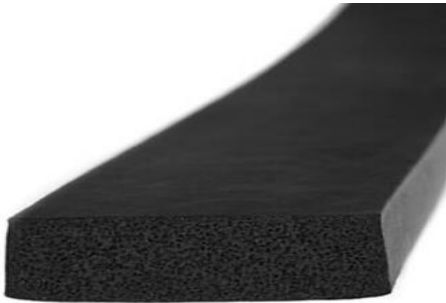




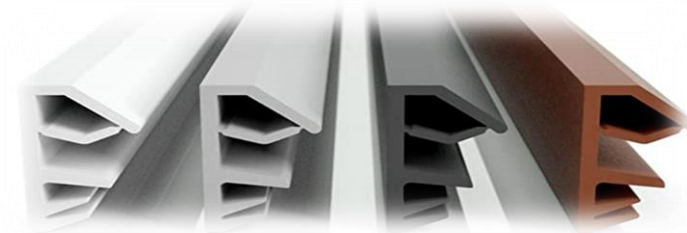
ALL AROUND GASKETS



**Foam/Cell-Rubber stripes
or sheets in different
thicknesses also with
adhesive back**



Silicon tubes



**Extruded rubber
items**



Packings

LSR COMPONENTS



- ◉ We produce items to drawing or sample by providing assistance from design to finished part.
- ◉ A.T. Gomma designs and manufactures solutions for leaders in the following fields:

- Diving
- Electric
- Childcare
- Household appliances
- Medical
- Plumbing
- O-ring
- Lighting
- Automotive



- 6 injection machines
- **ENGEL** from 80 to 120 tons
- Hardnesses from 30 to 70 sh.
- Injection and cold runner molds.



PLASTICS SOLUTIONS



We transform the most common materials on the market, like:

ABS

PA6

PA66 (filled ,self-extinguishing , high temperature resistant)

PBT

POM

PVC

PC

DELTRIN

TPE, TPV, TPU,

etc.



10 Injection machines from 100 to 300 tons

PRODUCTS





SUSTAINABLE GROWTH STEPS

PROGRESS IS IMPOSSIBLE WITHOUT CHANGE!





CARBON FOOTPRINT (GHG)

Since 2023 we have started to adopt the standards set forth in the GHG protocol :

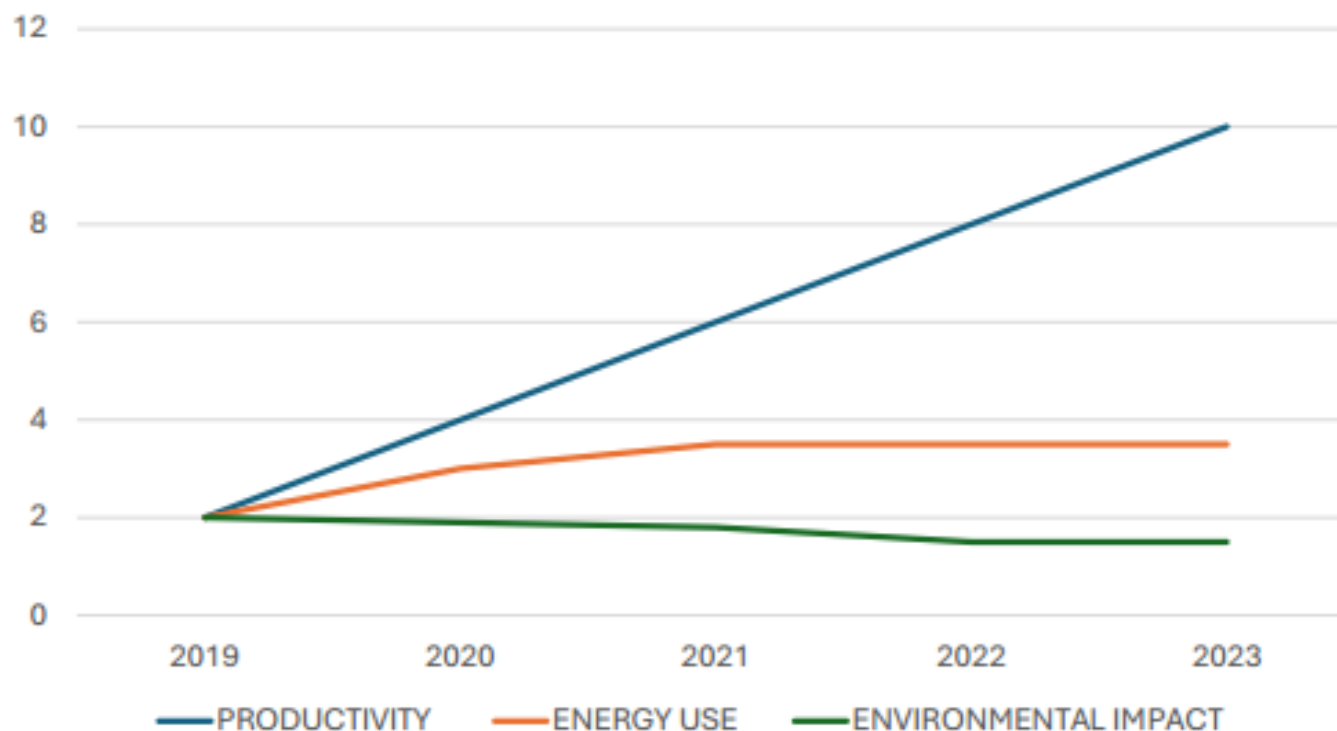
We have largely controlled and reduced our emissions , particularly of an electrical and drinking nature .



OUR GOAL IS TO BE A CARBON FREE COMPANY!



OVER THE PAST SIX YEARS WE HAVE **INCREASED PRODUCTIVITY** BY INVESTING IN NEW
GENERATION TECHNOLOGIES,
AT THE SAME TIME
OUR ENERGY **CONSUMPTION** HAVE **NOT INCREASE !**

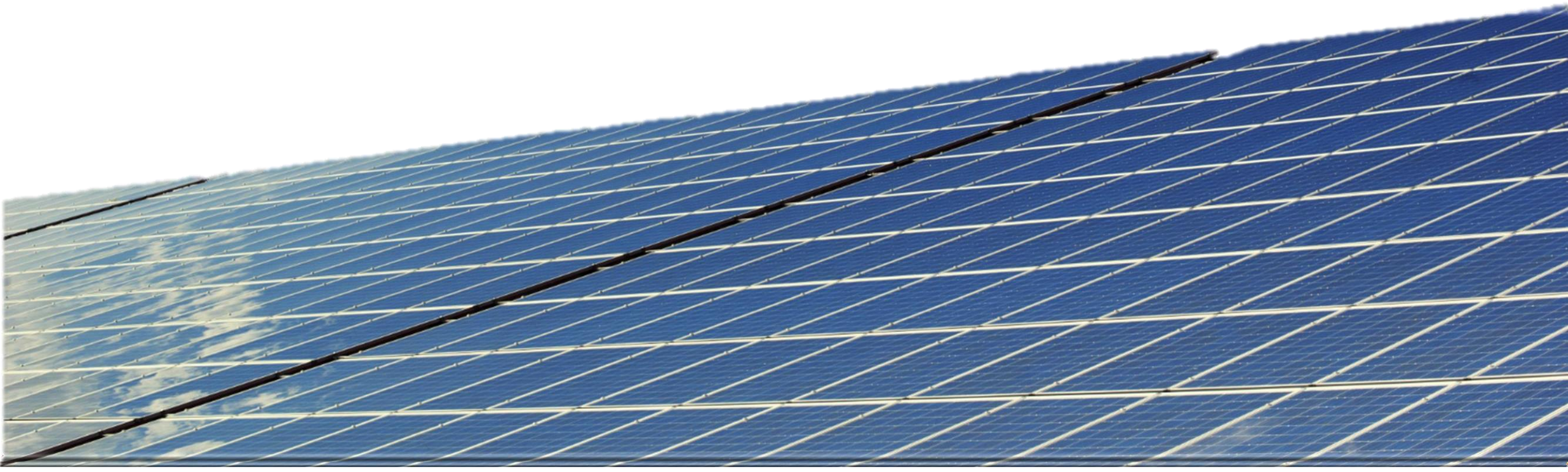


**BUSINESS GROWTH AND DECREASED ENVIRONMENTAL
IMPACT!**



END OF 2023 PHOTOVOLTAIC PANELS HAVE BEEN INSTALLED IN THE LOGISTIC SITE.

BY THE END OF 2024 THE INSTALLATION IS PLANNED AT OUR PRODUCTION SITE.





AT OUR
PRODUCTION SITE
FIRST STEPS HAVE
ALREADY BEEN
TAKEN TO RENEW
THE ROOF
INSULATION TO
IMPROVE THE
ENERGETIC
EFFICIENCY





RUBBER SCRAPS



OUR RUBBER SCRAPS ARE COMPLETELY RECYCLED
AND PUT TO OTHER USES.
CERTIFICATES ARE ISSUED ATTESTING TO THE NEW
LIFE OF OUR SCRAPS.



**REUSE
REDUCE
RECYCLE**

A.T. GOMMA IS FULLY A GREEN COMPANY!

The background of the slide is a conceptual illustration. It depicts a globe of the Earth, but the surface is cracked and broken apart, revealing a dark, molten interior. A city skyline, including recognizable skyscrapers like the Empire State Building, is shown growing out of the top of the globe. The scene is set against a bright, hazy sky with soft clouds. The overall color palette is dominated by warm tones of orange, red, and yellow, suggesting a sense of urgency or danger related to climate change.

WE HAVE A CLEAR STRATEGY AND FIRST STEPS
HAVE ALREADY BEEN TAKEN TO REDUCE OUR
ENVIRONMENTAL IMPACT AND OUR CO2
EMISSIONS.

WE WILL FIGHT THE CLIMATE CHANGE!



NEWS



KEY STORY-DKT 2022

KEY CUSTOMER STORY



The management team - the children of the founder Bartolotti: Michele, Commercial & Technical Manager, Matteo, Production Planning/Logistics and Guido, Finance & Administration.

AT Gomma invests in innovation - and MAPLAN

MAXIMUM QUALITY, FLEXIBILITY AND ENERGY SAVINGS

Above all, the machines' quality, flexibility and the low energy consumption led to the fact that AT Gomma is now more convinced than ever of the decision it made at that time. Large and small tools are used on the horizontal RAPID 300 machines. The particularly high clear width, the lower mold installation height and the high closing stroke allow the use of low and tall molds, even including a cold runner.

Another bonus is the highly accurate and particularly easy-to-clean MAPLAN Original-FIFO injection unit. AT Gomma produces a variety of molded items in different colors. Before 2016, each machine was assigned to one color because switching colors was too time-consuming due to the pusher screw. This is now a thing of the past - and this massively increases flexibility because compound changes, including cleaning of the FIFO injection unit, can be carried out rather easily and quickly. Changing from rubber to rubber takes less than an hour, silicone to rubber takes about twice as long.

Despite now running twice as many machines, energy consumption has not increased - and this despite the fact that machines with higher tonnage are used. Saving as much energy as possible is especially important because the availability of electricity in the region is fluctuating. In addition, power prices have reached an all-time high.

"MAPLAN's sturdy machine construction, the process parameters that can be precisely set with the C6000 control and the perfect temperature distribution on the hot plates have significantly increased our parts quality and led to noticeably reduced scrap rates. Today, our customers experience the difference: for half a year there has not been a single customer complaint," says Matteo, Head of Production Planning. "It goes even further: Now we even produce parts that AT Gomma couldn't offer before because the machinery at the time wasn't suitable for it."

BOOSTING MARKET SHARES WITH EXCEPTIONAL PARTS QUALITY

AT Gomma is committed to innovation and progress. This is why the Italian company located in Bergamo's "Rubber Valley" has internalized the principles of the digital revolution to become an "Industry 4.0" firm.

To make this possible it launched an investment plan in 2016 aimed at making its entire production future oriented. At the core of this strategy was to replace the entire injection molding machine fleet with machines of the latest generation by 2020. The technological update allowed the now ISO-certified company to comprehensively digitize its processes and led to many, holistic advantages - freely following the motto "higher quality, fewer difficulties" (shown up right).

An extensive market analysis of all machine manufacturers in Europe was conducted and in the end the decision was made to cooperate with MAPLAN. MAPLAN's future-oriented technology, which concentrates purely on elastomer processing, was the deciding factor for AT Gomma. It was able to provide the basis for higher production quality in the company as well as the desired flexibility. The high-precision FIFO

Result: digitized FIFO

technology, which is new to the Italian company, and the optimum temperature distribution on the hot plates were, among many other advantages, the key to a significant increase in optimized part quality. Over the years AT Gomma invested in nine horizontal and vertical injection molding machines in the clamping force range from 300 to 460 t, as well as in two compression presses, all machines made by MAPLAN. The oldest machine in AT Gomma's production plant was built in 2016.

IMPROVED END CUSTOMER COMMUNICATION

In the past, AT Gomma had been a subcontractor in many cases. The new strategy aimed at changing this situation, in addition to the renewal of the machine park. After the generation change, the young managing directors and owners Michele, Guido and Matteo also focused on increased cooperation with the end customer. "Today, the customer demands higher quality and a relationship based on partnership," explains Michele Bartolotti, commercial and technical manager of AT Gomma. The ambitious and highly qualified team supports customers in the design, development and realization of new parts every day. The flexible and modular machine technology as well as the extensive process engineering know-how of MAPLAN support AT Gomma in achieving a high-quality result at attractive prices. The range of materials to be processed is broad: NBR, HNBR, EPDM, PEROX-EPDM (non-conductive), VMQ, FVMQ, FKM, FFKM, CR and many

"MAPLAN enables us to avoid production problems and make our process more flexible and streamlined, so that delivery continuity is always guaranteed."

Matteo Bartolotti, Head of Production Planning & Logistics



Daschubungstest

BENEFITS OF RENEWING THE MACHINE FLEET

- Improved work environment
- Improved parts quality
- Energy savings
- Waste reduction
- Analysis and total traceability of products and processes
- Improved planability of all business processes
- Process data analyses and resulting increase in productivity

other elastomers in all colors are processed. Millions of similar molded parts are produced and analyzed today - even remotely, as all machines at AT Gomma are interlinked and thus provide data in real time. Productivity, production planning and machine parameters are continuously tracked, ensuring maximum quality and traceability.

All in all, these innovations have enabled AT Gomma to significantly expand its market share. In order to meet the constantly increasing order intake, the production area of currently 20,000 m² will be increased more than two fold this year. For the future, AT Gomma envisions to introduce additional composite products made of rubber-metal or rubber-plastic, which are to be implemented together with MAPLAN. To this end, the passionate team is challenging the status quo they arrive to deliver better quality than others, offer more customization options, deliver on time every time and further increase productivity. This is to be realized with the introduction of new technologies such as cold runner and automation technology from MAPLAN.

"Two MAPLAN machines consume as much energy as one of the old machines with a lower tonnage."

Michele Bartolotti, Commercial and Technical Manager



In June, on the occasion of the DKT 2022 held in Nuremberg, we gave an interview to Maplan.

We tell our story, the second generation, the steps we have taken over the years and future projects.

The choice of having a single supplier is permitting the complete digitalization of our processes with several profits:

- Improvement of the work location
- Scraps reduction
- Analyses of each inefficiency with the consequent productivity increase
- Complete traceability of products and processes

ABOUT A.T. GOMMA S.R.L. GUARNIZIONI INDUSTRIALI

Foresto Spino, Bergamo, Italy | Turnover 8 million, 35 employees
Industries: Automotive, household items, gas, drinking water, food etc.

Materials: Black and color elastomers, hardness 30 sh. to 90 sh.

Products: O-rings, washers, molded pipes, gaskets, diaphragms, frames, lip seals, grommets, rubber plugs, rubber-metal parts etc. as well as custom products of all kinds for customers.

Tre casi di successo grazie alla tecnologia

La tradizione artigianale italiana è nota nel mondo per la qualità dei suoi prodotti, ottenuti senza badare al prezzo. Nelle produzioni di oggetti di uso quotidiano destinati a un ampio pubblico di consumatori la qualità deve però essere anche abbinata ai grandi volumi e ai costi accessibili. È possibile arrivarci mantenendo l'elevato livello tipico del nostro manifatturiero?

La risposta risiede nell'utilizzo di macchinari di ultima generazione. Vediamo allora i casi di tre produttori lombardi di articoli tecnici in gomma, emblematici di come si possa assicurare, con l'ausilio delle nuove tecnologie, una produzione di altissima qualità anche in una dimensione medio-piccola. In tutte e tre le storie Maplan, il produttore di presse a iniezione, svolge un ruolo centrale



La sede di A.T. Gomma a Foresto Sparso, a pochi chilometri da Bergamo.

A.T. Gomma a Foresto Sparso, circa 20 km a est di Bergamo, produce articoli tecnici in elastomero da 40 anni. Nel 2016 ha avviato un programma di investimenti per rinnovare completamente i propri macchinari al fine di trasformare l'azienda in un'attività efficiente e sostenibile secondo gli standard di Industria 4.0. Il rinnovamento tecnologico è stato avviato dalla seconda generazione della famiglia Bortolotti, alla guida di AT Gomma dal 2004. I fratelli Michele,

Giulia e Matteo Bortolotti hanno affrontato questo passo decisivo effettuando in primo luogo un'analisi di mercato che prendesse in esame tutti i principali costruttori europei di tecnologie per lo stampaggio degli elastomeri. Al termine di quest'accurata analisi è stato deciso di avviare il processo di rinnovamento con il costruttore austriaco Maplan. Le ragioni della scelta sono molteplici. Per esempio, Maplan da sempre sviluppa e realizza esclusivamente tecnologie di lavorazione

degli elastomeri ed è uno dei leader in questo campo.

LA TECNOLOGIA FI-FO

Ha in particolare adottato la tecnologia di plastificazione e iniezione degli elastomeri a due fasi FI-FO (First-In/First-Out), nuova per A.T. Gomma, che ha deciso di cogliere la sfida vendendo grande potenzialità in questo cambiamento.

Una novità perché, fino alla scelta di Maplan, nelle macchine per lo stampaggio a iniezione di materie plasti-



Da sinistra, Matteo, Giulia e Michele Bortolotti, l'attuale generazione di imprenditori alla guida di A.T. Gomma.

che si utilizzavano solo macchine con plastificazione a vite monostadio. Altri motivi alla base della scelta sono stati le grandi dimensioni degli spazi di installazione degli stampi con piani di riscaldamento integrati, l'ergonomia e un sistema operativo intuitivo per il controllo della macchina.

Di conseguenza, AT Gomma ha investito, tra il 2016 e il 2022 in 10 nuove presse Maplan, una pressa a iniezione verticale e nove orizzontali con una forza di chiusura compresa tra 3.000 e 4.600 kN. Percorso che proseguirà nei prossimi anni con ulteriore potenziamento del parco macchine già in corso di pianificazione sempre con Maplan.

Il direttore commerciale e tecnico Michele Bortolotti spiega: «Prima del 2016, ogni cambio di materiale e colore, con le unità a vite, comportava un grande dispendio di tempo e materia prima.

Oggi il gruppo FI-FO è diverso: il suo design consente una rimozione semplice e rapida dell'ugello di iniezione e della valvola di non ritorno FI-FO garantendo una pulizia ottimale. Il cambio da gomma a gomma richiede me-

no di un'ora, quello da silicone a gomma solo un po' di più. Questo ci porta a meno sprechi, maggior flessibilità, continuità garantita potendo gestire tutte le mescole e tutti gli stampi su ogni pressa».

MENO CONSUMI PIÙ SOSTENIBILITÀ

Aggiunge Bortolotti: «Il rinnovamento ha reso la nostra azienda più sostenibile con consumi energetici invariati e capacità produttiva raddoppiata. Siamo passati da sei macchine per stam-



Presses Maplan in A.T. Gomma. A partire dal 2016 l'azienda ha cominciato a introdurre questi nuovi macchinari, dotati di sistema a iniezione FI-FO, in sostituzione di quelli vecchi.



Forbes Italia

319.475 follower

3 giorni • 🌐



Il distretto della Gomma del Sebino, la
cosiddetta Rubber Valley, è regolarmente ...vedi altro



**Alla scoperta della Rubber Valley, l'area sul lago
d'Iseo dove si produce gran parte della gomm...**

forbes.it • 9 min di lettura



QUALITY
MADE OF
PASSION