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MATTEI SPAIN Grows and consolidates the market

R&D A symphony of compressors

NOLAN Italian pride

CORPORATE Augmented reality animates the 2018 Mattei calendar





- O4 MATTEI GROWS IN SPAIN AND CONSOLIDATES THE MARKET
- 06 A SYMPHONY OF COMPRESSORS
- O8 MATTEI DD DRYERS: ADVANCED TECHNOLOGY FOR HIGH QUALITY COMPRESSED AIR
- 10 VERARDI: 45 YEARS AT THE SIDE OF MATTEI
- 12 ALGAMO, MATTEI & MONDO: FRESH AIR FOR THE CULTIVATION OF ALGAE
- 16 GREAT BRITAIN HONOURS THE EXCELLENCE OF MATTEI
- 18 NOLAN, ITALIAN PRIDE
- 22 AUGMENTED REALITY ANIMATES THE 2018 MATTEI CALENDAR

On the offensive for 2018, with international strategies, new products and even more services



Silvia Contaldi Mattei CFO and Managing Director.

The recent success at the prestigious UK-Italy Business Awards has been the icing on the cake for 2017, a year filled with achievements, and in which solid foundations have been laid for our work in the coming years ahead.

This award underlines the great ability of our Group to innovate and do business, particularly in the United Kingdom, where in 2015 the company Winton Engineering Ltd. was acquired. The consolidation of this intense collaboration led to the development of supply systems for "on board" energy that Mattei, thanks to a wide sales network, is now preparing to export beyond British borders.

The project with Winton not only confirms the calling of Mattei for technological innovations, but also represents the starting point for 2018, where we will consolidate our offering and positioning in the transit and automotive markets, also thanks to other ambitious international projects.

2018 will also provide the stage for the launch of new products that have been in development for a few years. The Blade range will be completed with the direct-coupling 7.5kW and 11kW models, to which we will then add the 30 kW and 45 kW models. The high-efficiency machines will also be enhanced, with new models for the Maxima and Optima ranges being renewed in line with the requirements of Industry 4.0.

Finally, a number of changes to the services, another jewel in the crown of Mattei: in particular we will be focusing on after-sales management and new conditions related to the warranty extension on our products.

MATTEI GROWS IN SPAIN AND CONSOLIDATES THE MARKET

Lucas Ferreres, Head of the Mattei representative office in Spain reflects on the Spanish compressor market 15 years since the beginning of the collaboration. From overcoming the global economic crisis to the development of a tight and efficient network of distributors, that has delivered an increase in the number of people choosing rotary vane technology.

The representative office, located in a business centre on Avinguda Meridiana, one of Barcelona's main arteries, is the heart of the Mattei distribution network of rotary vane compressors in Spain. Since 2008, heading up the operation is Lucas Ferreres who said: "Collaboration with Mattei actually goes back to the beginning of the millennium. In 2002 we were the exclusive Service Centre and maintenance provider for Mattei throughout Spain. Then, in 2008, the relationship intensified when we became the representative office for the market.



"With low maintenance costs in addition to 100,000 hours of operation, the Mattei compressors have won over the Spanish market; without forgetting their high energy efficiency and the excellent air quality supplied."

Lucas Ferreres Head of the Representative Office Mattei Spain.

Today we are coordinating around 30 distributors across the country, with differing relations ranging from the supply of the machines, original sales spare parts, through to a partnership for the implementation of special OEM projects".

A widespread presence is provided by the network of distributors, who can count on the organisational support provided by the Barcelona offices: "We have a close relationship with the Mattei headquarters in Italy. Our purpose is primarily sales and then coordinating; we provide a comprehensive training to our distributors, who we then can rely upon to meet the after-sales needs of our customers".

In just ten years, turnover is set to grow beyond six-figures: "The global economic crisis had a huge impact; also on the compressed air market, where business models have changed", continues Ferreres, "We are forecasting to finish 2017 with a positive turnover, following the growth trend of the last years. The real challenge now is to develop new market strategies that are in line with the changing demands of the manufacturing industry; remembering that for the industrial sector, compressed air remains second in importance, and in volume, after that of electricity".

Against this background comes the theme of energy-saving: "Industries are increasingly aware of the importance of reducing environmental impact and Mattei has anticipated this trend with the supply of high-tech compressors such as the variable-speed Optima, or the new Maxima Xtreme. Among the models that are having the biggest success, and that for the future we forecast strong growth, are those of the Blade range. The compact size of these machines and their great working capabilities, coupled with their extremely competitive pricing, allows them to stand out against the competition".

Innovative technology combined with energy efficiency are not the only strengths of the Mattei compressors: "The Spanish market really appreciates the excellent value for money of our machines", underlines Ferreres, "They represent a great investment in the long run because they have low maintenance costs and an exceptionally long lifecycle, lasting up to 100,000 hours. There is also a great value added in the aftersales service, which is not only punctual and cost-effective, but thanks to the solid relations with the end-users, means that for every type of need, customers can turn to a particularly efficient network of distributors." concludes Ferreres.







The efficiency and the performance of a compressor room can be improved with the use of a control system capable of managing all of the machines on the basis of operational and energetic criteria. Fabio Farneti, Mattei After Sales Manager, explains the importance of a Mattei control system to delivering astonishing results with a significant reduction in energy consumption.

A SYMPHONY OF COMPRESSORS

Contributing towards reducing environmental impact through the reduction of industrial energy consumption is one of the main goals of Mattei in the research and development of new, innovative products.

A case in point with the Mattei control system, which is able to optimise the workings of just two compressors all the way up to the management of an entire compressed air production plant. Their use, coupled with the benefits of rotary vane technology, contributes to improving the performance and efficiency of the compressors and other equipment.





Fabio Farneti After Sales Manager, Mattei.

"With a tailor-made system, compressed air users reduce their energy consumption, and gain a surprising double-digit percentage reduction in running costs" explains Fabio Farneti, Mattei After Sales Manager.

"The range of Mattei control systems reduces the daily stop/starts caused by uneven demand", continues Fabio Farneti, "Setting the correct parameters relative to the workloads, the flow rates and the typical operating times, the control system optimises all of the machines on the basis of the compressed air demands of the plant.". There are two control systems offered by Mattei: Quartetto, to manage groups of compressors, up to 4 connected units; and Concerto, which can control up to 16 units.

"With multiple programmable modes, Quartetto meets all the standard requirements of a compressor room with the goal of delivering an optimised pressure ensuring continuous production and therefore, optimised use of the machines. Quartetto alternates machines and defines working priorities according to daily work patterns, or in the case of there being unmanned machines" explains Fabio Farneti.

Concerto is the most advanced system. "Thanks to sophisticated software and extremely precise settings you have unequivocal levels of control over the pressure supplied. Concerto evaluates the compressed air demand and selects the most adequate compressors to reach the objective, thereby reducing the overall usage of both energy and the compressor itself. Concerto limits



The energy costs associated with the operation of a compressor are greater than the purchase and maintenance of the system. The Mattei control systems guarantee the most energy-efficient configuration and deliver immediate savings.

the idle operating times, minimising the number of stop/starts and optimises the general settings of the work cycle. It is configurable remotely thanks to pressure and temperature displays, available through a dedicated web server. In this way the technicians and the Mattei distributors always have the operation of the compressor room under control, with the benefit of scheduling the regular maintenance checks in the least invasive way for the end-user".

The Mattei control systems are also compatible with compressors and accessories from other manufacturers, and, according to Fabio Farneti, this represents the perfect solution for the more complex industries who want to gain immediate savings on their operations. "Internationally, especially in Germany and Northern Europe, the high level of automation, has seen a strong take-up of the control systems. Their usage is lower in Italy, where the biggest barrier has been the initial capital expenditure cost. It is a barrier we are breaking down, confident in the positive data we can show of the reductions in waste and energy consumption, which can deliver a return on investment inside one year, thanks to better regulation of the compressors and the subsequent reduction in operating costs".

In order to improve the efficiency of the end-user's system, Mattei launches a new range of compressed air adsorption dryers equipped with innovative alumina-based technology.

MATTEI DD DRYERS: ADVANCED TECHNOLOGY FOR HIGH QUALITY COMPRESSED AIR

Born out of Mattei's experience in responding to the needs for high-quality dry compressed air in all industrial sectors, the DD range of heatless desiccant dryers use alumina-based technology. Alumina is an adsorbent material that guarantees consistently high performance in delivering compressed air purity, certified in accordance with ISO8573:1 – 2010 (up to Class 1 for water content).

Avaliable for flows from 5 to 1900 Nm³/h, these new dryers represent a clear, quality solution to the problems caused by contaminated compressed air, which if introduced into production cycles when saturated with water vapour, can cause serious damage to compressed air equipment.



By reducing the humidity, the Mattei dryers maintain the quality of the air supply and protect the components of the compressor from damage, expensive repairs, possible breakdowns, and expensive downtime. The ultra-compact and lightweight design of the dryers is especially appreciated during the installation phase. They are easily installed even within existing systems that quite often have limited spaces, not suitable for traditional dryers.

The dryers can be wall or floor-mounted and the setup requires just a few simple steps. Maintenance is also made easy by the design simplicity: the specially patented combined filter and desiccant cartridges they are equipped with can be replaced in just 15 minutes.

The removal of moisture and contaminant particles, concentrated in the air compression phase, is rigorously controlled through a highly efficient PLC control system that is accurate and reliable.

All the information monitored is available on a large digital display. Another interesting feature is the energy-saving option that allows the compressor synchronisation which starts and stops the dryer with a signal from the compressor, eliminating purge loss when drying is not required. The new desiccant dryers have been designed to save energy: they use alumina-based technology, that guarantees consistently high performance in delivering compressed air purity, certified in accordance with ISO8573:1 - 2010 (up to Class 1 for water content). 

The new desiccant dryers have been designed to save energy, in line with Mattei corporate values. Their advanced design limits regeneration purge air usage to around 15%. Available as an optional extra, dew point monitoring offers energy savings of up to 60% during reduced inlet moisture loading. Through a sensor integrated into the dryer the outlet dew point is constantly monitored allowing the cycle time to be adjusted depending on the actual moisture load.

This energy saving option reduces valve actuation in a functional and efficient manner, thereby increasing the service life. As a result Mattei is offering an extended 5-year warranty on the valve, if this option is chosen.

All the new Mattei desiccant dryers guarantee an uninterrupted flow of compressed air with consistent air pressure at an optimum dew point set as standard to -40°C (-40°F). Optional dew points from -20°C (-4°F) to -70°C (-94°F) are available.

To complete the positive environmental impacts, the new desiccant dryers are fitted with unique exhaust air silencers, significantly reducing noise levels.



VERARDI: 45 YEARS AT THE SIDE OF MATTEI

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SISTEMI DI FILTRAGGI

ESSICCATORI

The company Servizio Assistenza Turina, managed by the Verardi family for three generations, meets the needs of every industrial firms in the Brescia area by offering sales, rental and assistance support services. It has done so by combining its experience with the quality of the Mattei compressors.





Mauro Verardi is the owner of Servizio Assistenza Turina, based in Ospitaletto, Lombardy, which for 45 years has been providing a full range of compressed air services: "It was my father, Olimpio, who started the partnership with Mattei in the 1970s and from there the relationship has continued uninterrupted whilst growing steadily in terms of revenue on both sides".

Experience, reliability and efficiency are the characteristics that best describe the secret of this partnership. "We believe in the superiority of Mattei rotary vane technology against the compressors of other manufacturers and we have always underlined this belief by never opening the door to other competing brands. The awareness of selling a superior product, coupled with our commitment and experience has helped us grow so much that we have recently had to double the covered area of our warehouses" says Mauro Verardi. "Today me and my son, Andrea, along with 14 other employees are able to offer our customers a full service: from requirements analysis at the planning stage, installation & testing, through to scheduled or emergency maintenance work. Flexibility and completeness are our strengths".

A modus operandi which is very close to that of Mattei in terms of customisation and customer care. Another aspect that unites the two companies is the huge effort put into inspiring energy-saving solutions. "Energy-saving is a primary goal for us, and Mattei products help us to reach that goal", explains Mauro Verardi. "In recent years we've been focusing our efforts on designing efficient compressed air systems that will help our customers to obtain real savings in energy and cost. It is no coincidence that the machines which sell the most by far are the variable speed ranges. The Optima compressor with its inverter allows you to calibrate the air flow rates according to the actual industrial demands. It is often combined with the Mattei heat recovery system, which provides an efficient means of re-using the compressor heat for hot sanitary water or for space heating production". A key part of our work is the after-sales maintenance service: "The Mattei compressors are reliable over time and as a result the majority of our work is scheduled maintenance. For the management of the servicing we are helped by the control units installed on the compressors which thanks to remote control can be carried out by technicians in our premises. Any possible anomalies are also flagged up in order that we can respond within 24 hours meaning that the customer really doesn't have anything to worry about". Mauro Verardi concludes: "Another factor appreciated by our clients is the free three-year extended warranty offered by Mattei for the compressor; another benefit they gain from using original spare parts, which are essential to preserve the compressor quality over time".

"We believe in the superiority of the Mattei rotary vane technology and we have always stood by its quality for the last 45 years."

Mauro Verardi

Owner of Servizio Assistenza Turina di Verardi O. & C. Snc.

ALGAMO, MATTEI & MONDO: FRESH AIR FOR THE CULTIVATION OF ALGAE

Astaxanthin is the strongest known antioxidant among carotenoids. The process for its extraction from the alga Haematococcus pluvialis is very delicate and highly technical. In order to maintain high quality production standards, the biotech company Algamo chose to use customised Mattei compressors, born out of a collaboration with local partner, Mondo.



In the village of Mostek, set in the foothills of the Giant Mountains in the north-east of the Czech Republic is the production plant of Algamo, a young industrial company established in 2011, specialising in the extraction of Astaxanthin from algae cultivated onsite, under the brand name Algastin, which is used in the pharmaceutical industry, as well as in cosmetics and in dietary supplements. "Algamo is the only producer of natural astaxanthin in Central Europe" confirms Otto Dobřichovský, Managing Director of Algamo Ltd. "High standards of quality control, ensured through the use of advanced technologies and analysis methods, as well as a strong environmental focus are the key values driving our production. Unlike our competitors, the entire industrial cultivation process takes place in a laboratory-controlled environment kept constant through the use of photo-bioreactors".

During the first phase of alga cultivation, compressed air is combined with carbon dioxide and fed into the photo-bioreactors, where it acts as a nutrient for alga growth until the alga is ready for harvesting. "The Mattei compressors are critical for the Algamo production process as they drive the functioning of the photo-bioreactors" continues Otto Dobřichovský. "It's fundamental that the compressed air is pure and free from microorganisms that could compromise the quality of the final product. To find a supplier of compressed air that could meet our demands, we trusted in the experience of the company, Mondo".

"We supported Algamo from the start of their activity with the installation of a bespoke solution, developed together with Mattei" explains Miloslav Dočkal, Founder of the company Mondo s.r.o.; a technical partner of Mattei. compressed air with oil residues reduced to a minimum, energy efficiency and reliability in intense work cycles, in addition to prompt service from Mondo, are the elements of success for Mattei in the factories of the Algamo biotechnological company."

Otto Dobřichovský Managing Director, Algamo Ltd.





"With Mattei we developed a specific solution for Algamo, whereby the air undergoes enhanced treatment to remove oil residues thanks to the use of cascading filters. We also prepared a specific system to transform the residues of oil into carbon dioxide and water vapour, by means of catalytic oxidation; as well as a monitor through which we can constantly check the level of oil and thereby the purity of the compressed air".

The Algamo compressor room houses a Maxima 75 and an Optima 75, for the supply of compressed air during the technical process, as well as an AC 37 Plus, for powering industrial equipment. "The Mattei compressors guarantee low energy consumption, reduced oil concentration levels and great reliability in a non-stop working cycle (24 hours a day, seven days a week)" explains Otto Dobřichovský. "The low environmental impact was a very important factor for Algamo, especially because our plant is situated close to a national park".

"We are also very satisfied with the relationship with Mondo, with whom we have a contracted maintenance programme, which ensures smooth and timely servicing, also helped by the linear geometry of the Mattei compressor", states Otto Dobřichovský.



"The market for compressed air in the Czech Republic is very competitive: Mattei and Mondo have been working together for the development of customised technological solutions that together with the exclusive rotary vane technology, stand out for their reliability and efficiency."

Miloslav Dočkal Founder, Mondo s.r.o. Mondo s.r.o. has worked with Mattei since 1996; initially as a distributor for the Czech Republic and then as a technical partner. From this partnership, many innovative solutions based on Mattei rotary vane technology were developed, especially in the transport sector, and in particular, rail and electric public transport. "The compressed air market in the Czech Republic is very competitive: there are many long standing local producers, in addition to European producers who are very active in the region with representative offices and service centres. In such conditions, the key to success is to stand out with innovative projects, of which Mondo and Mattei know how to do best!" remarks Miloslav Dočkal.





CORPORATE



GREAT BRITAIN HONOURS THE EXCELLENCE OF MATTEI

At the end of November Mattei was amongst the winners at the 11th edition of the UK-Italy Business Awards 2017, for the ability to grow and do business in the UK. For Mattei it was a confirmation of the excellence of the Made in Italy compressors and the commitment to technological innovation on a global scale.

In the impressive setting of the Palazzo della Borsa in Milan, Silvia Contaldi, Managing Director and CFO of Mattei, picked up the award in the presence of the British Consul-General and Director for Italy, Department for International Trade, Tim Flear, and the British Ambassador for Italy and San Marino, Jill Morris, during the annual event organised by the British government and the Department for International Trade, in collaboration with Borsa Italiana – London Stock Exchange Elite.



"This prestigious recognition underlines the value of Italian entrepreneurship that goes above and beyond national borders to spread the excellence of its manufacturing traditions. The compressors from Mattei use rotary vane technology, which makes the product unique in the market. This is, in addition, an Italian technology developed over almost a century, and we are proud to have been able to promote it, along with its advantages, also overseas and in a growing market such as the UK" commented Silvia Contaldi.

Mattei began to invest across the Channel in 1984, opening the Mattei Compressors Ltd. subsidiary with the objective of growing in the industrial sector of compressed air. "In 2015 we took the opportunity to expand our business with the acquisition of Winton Engineering Ltd., whose founder had patented the PTO system in the 1980s, which allow commercial vehicles to transform energy produced by the engine into either pneumatic, hydraulic or electric energy. Since the beginning Mattei was a part of this OEM, reinforcing both our presence and our know-how in the automotive sector and developing a professional and personal partnership over time".

"It was a gamble that paid off and this award confirms it. In two years the company has expanded the product range and started exporting Winton's energy supply solutions in Europe where



the outlook is promising; particularly in Germany, Benelux, Spain and also the USA", states Silvia Contaldi. "The strength of this partnership with Winton is the shared ambition for innovation that has led us to develop interesting research projects with some renowned Italian academic establishments, such as the Politecnico di Milano and the University of Aquila, and overseas such as with Imperial College London".

The objectives achieved are numerous, but Mattei won't stop there. "We have many projects in progress, especially in the vehicular sector for heavy goods vehicles and earth-moving machinery. The goal for Mattei is to become one of the top international players in sustainable mobility. To date we are the only manufacturer in the world offering a compressor specifically designed for the latest electric and hybrid platforms which utilise compressed air on board to operate suspension and braking systems." concludes Silvia Contaldi.



"The prestigious UK-Italy Business Award presented to Mattei underlines the value of Italian entrepreneurship that goes above and beyond national borders spreading the excellence of its manufacturing traditions."

Silvia Contaldi Mattei Managing Director & CFO.



Nolan crash helmets are Italian through and through, in both design and production; since the 1970s the company has produced over 30 million helmets in the historic Brembate di Sopra factory in the province of Bergamo. Also working away tirelessly are the Mattei compressors; because when quality is called for, Mattei responds.

ITALIAN PRIDE

NO<u>IAN</u>

"It's an impressive amount of compressed air that is required to run a plant like ours, that manages all the different production phases of a helmet. Here the plastic arrives as granules which leave as helmets to be worn by the great MotoGP and Superbike riders such as Casey Stoner" explains Alberto Corna, Technology Manager, Nolangroup Spa.





"At NolanGroup the demand for compressed air is immeasurable because it covers all manufacturing departments from design to homologation. We can only say that we are satisfied with the work done by the Mattei compressors, especially for their efficiency and reliability."

Alberto Corna Technology Manager at NolanGroup Spa.





NolanGroup has its headquarters in Brembate di Sopra, where in 1972 it all began thanks to the intuition of Lander Nocchi to utilise Lexan™ *, an innovative plastic material that NASA had just made available for commercial uses. His intuition turned out to be spot on and today the Group is a 40 million Euro business, with 370 employees and a site extending over an area of 30,000 square metres, where 400,000 helmets are produced every year. All the production happens at the site in the Bergamo province. "We are a company that goes against the trends. In Italy we have the full production cycle of Nolan and Grex polycarbonate helmets, the X-lite composite materials brand, and then N-Com; customised communication systems between helmets". Corna continues: "This choice responds, amongst others, to the need to enhance Made in Italy as a symbol of quality and reliability. Our helmets are actually guaranteed for 5 years from the date of purchase, for any defect in the material or the production".

The Italian trend continues with the compressor technology that supplies all the pneumatic devices of the NolanGroup helmet production process. "The Mattei compressors were a perfect match for NolanGroup ", underlines Corna.



"They take care of everything here from design to homologation as compressed air is needed for an infinite number of applications. The most costly, in terms of our demands for air, is the removal of the mold from the molding machine after the molding of the polystyrene. To avoid damaging such a delicate material we only use the force of compressed air to carry out this operation. The polycarbonate injection moulding stage is also very intense with working cycles 24 hours a day, six days a week. Mattei compressors also supply all of the other parts of the plant: from the workmen's sanding machines to their paint guns, from the tools used to apply

"To provide impeccable service we only use original Mattei spare parts, that together with our experience, are the potion of eternal youth for rotary vane compressors."

Giorgio Perhat,

Joint-owner of Compressori Bergamo srl, along with Riccardo Maggioni and Stefano Mapelli.

the graphics onto the shells to assembly screwdrivers, and in general for any other manufacturing need. Compressed air is even used during homologation to perform the drop tests that ensure the absolute quality and safety of our product".

For service assistance, NolanGroup relies on the company, Compressori Bergamo, who provide full service, sales and installation support principally on behalf of Mattei. "NolanGroup's fleet includes three Optima compressors and two from the Classic range" says Giorgio Perhat, joint-owner of the company, along with Riccardo Maggioni and Stefano Mapelli. "We've been looking after NolanGroup for almost 30 years and delivered the latest Optima 110 in May 2015. It is a variable speed machine that, owing to its characteristics, is perfectly adapted for the production needs of NolanGroup. Optima 110 comes into play when the production is at full capacity to ensure the correct operation of the factory. The inverter automatically adjusts the rotational speed according to the load profile, ensuring that the air delivered by the system corresponds to the actual demands".



"NolanGroup has entered into a scheduled maintenance contract with us. The reliability of rotary vane technology gives the compressor an unlimited lifespan: we conduct regular servicing and only use original Mattei spare parts, which undergo stringent quality tests to maintain the high quality of the machines and their components over time" continues Perhat.

"I've been at NolanGroup since 1995 where I've seen the Mattei machines at work and I can confirm their reliability and efficiency. The compressors can easily withstand very intensive work cycles, avoiding production downtime that would be detrimental to an establishment like ours. The five machines, calibrated with different pressure switches, are always in operation, even at night with a reduced load to keep the valves under pressure. For the latest arrival, the Optima 110, I really appreciate the inverter functionality; this is an important feature which no industrial machine should be without, given the tangible benefits in terms of cost and energy savings" concludes Corna.

* LEXAN is a registered trademark of SABIC

This year's edition focuses on creativity and technology, and all it takes is to frame the illustrations with a smartphone or tablet to begin your unique sensory experience and take a journey inside the world of Mattei.

AUGMENTED REALITY ANIMATES THE 2018 MATTEI CALENDAR

Always innovating, not only with the compressors but also with marketing communication tools. As a result, Mattei wanted a calendar for 2018 that was state-of-the-art and rich in technological content. After positive experiences in recent years in partnership with the teams at some lively artistic labs in Lombardy who gave life to the "Authors calendars", this year Mattei has embarked on another new direction again looking to push the technical boundaries with Augmented Reality.



"We love innovation and are always on the lookout for creative ideas to add value to our marketing communication tools. The calendar perfectly meets this vision and is of great importance because it gives a Mattei presence inside the offices of our distributor and commercial networks."

Silvia Barone

Mattei Marketing Manager.

"We love to innovate, and we are always on the lookout for new ideas to add value to our marketing tools" explains Silvia Barone, Marketing Manager at Mattei. "In some ways, for us the calendar is one of the best means of communicating; in fact, it is sent to the entire commercial and distributor network, and for a whole year ensures our presence in their offices. In light of that we always like to be original and distance ourselves from the usual corporate calendars; the 2018 edition has done this once again".

The pages of the 12-month calendar demonstrate, through original illustrations, some of the many different sectors where you can find Mattei compressors being used. The only mainstay is the flow of compressed air, being delivered from different compressor models, that appears and takes on a plastic structure within different everyday scenarios that can benefit daily from the use of Mattei compressors such as: conveyor belts from the food industry to electric buses, from car wash rollers to snow cannons. "By means of iconographic images, we reveal some of the custom applications in which Mattei rotary vane technology is valued the most, amongst the potentially infinite different uses of compressed air within the industrial sector" comments Silvia Barone.

The originality of the Mattei 2018 calendar goes beyond the creative aspect. In fact, thanks to the use of augmented reality and the development of a dedicated App (available on both iOS and Android), the calendar images viewed from a smartphone or tablet come to life and open up a whole new perspective. "It's as if you are travelling within the flow of the compressed air encountering a series of different objects which then come to life and almost come right towards you, before finally arriving at the compressor from which the airflow originated", Silvia Barone explains. "It's an original and engaging sensory experience; a real virtual-reality journey into the world of Mattei and its applications".

A unique sensation that you can experience just by framing the images of the calendar in all three formats that have been produced (wall, desk and half-yearly planner): the marker read by the App, is actually linked to the image itself and has no support limitations. Available on the App Store





Download Mattei free app on Apple Store or Play Store (Android), or through the QR Code, with your smartphone or tablet, then point your camera at the pictures to start a journey in the world of Mattei.



MAXIMAXtreme

efficiency

The new frontier for energy efficiency.





Even more efficient



massien.

eXtreme

MAXIMAXtreme[™]

Rotary vane technology



Direct coupling





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