

JOESTimes

A product of the
JOEST® group

2023



31-METER VIBRATING CONVEYOR SYSTEM

Transport and Processing of Waste Incineration Slag.

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2013



2015



2015



2016



2016



2017



2017



2018



2018



2019



2020



2021



2022



2023



The Year 2023



Dr. Marcus Wirtz and Dr. Hans Moormann, Managing Partner JOEST group

We can look back on an overall successful year in the JOEST group, during which we achieved, improved, and developed a lot. With these positive developments and optimism, we would like to look forward to the new year.

This is a challenging task given the ongoing and current challenges, such as the conflict in Ukraine, tensions in the Middle East and economic uncertainties in Europe, especially in Germany. The reasons for all this are complex, and there is no solution in sight for any of the major problems at hand. Nevertheless, we are committed to face the upcoming challenges that we can influence with full force and remain hopeful.

Together with our employees all over the world, we strive to satisfy our customers at a very high level. Quality and reliability are not just empty words in our organization, but lived practice everyday. We are determined to give our best in the new year and work together to bring about positive changes.

Sincerely,

Dr. Hans Moormann Dr. Marcus Wirtz

31-meter Vibrating Conveyor System for PreZero

NETHERLANDS. Plant for transporting and processing waste incineration slag.



PreZero Energy in Roosendaal produces electrical energy and district heating by incinerating domestic and industrial waste. In addition to the energy extraction, metals and recyclable building materials are also won from the incineration process.

These materials are extracted right after the thermal process as part of the so-called waste slag and are then transported away and preprocessed. Well known characteristics of this material compound are its abrasiveness and chemical aggressiveness in combination with a high moisture content.

This PreZero plant burns up to 100t of waste per hour on two incineration lines. Approximately 25 t/h are extracted discontinuously at a temperature of up to

100°C. Because of the inhomogeneous nature and large variety of domestic and industrial waste, individual pieces can reach up to 1000 mm in length and weigh up to 200 kg.

For further storage and processing, the slag must be transported and pre-selected. This task will be performed by the unique and well proven JOEST Mass Compensated Resonance Conveyor. A special feature of this machine type is the self-compensation of dynamic restoring forces that are created by the oscillating trough.

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> watch video

JOEST Continues Successful Cooperation

TURKEY. New Charging Feeder for Atik Metal.



In 2023, JOEST was once again able to deliver two charging vehicles to the Atik Metal foundry in Turkey. This means that Atik will now operate a total of eight JOEST Charging Feeder in the new foundry.

In order to feed the 12-ton induction furnace, the charging vehicles are equipped with a material hopper volume of 15.6 m³. The associated Furnace Charging Feeder with two JOEST unbalance drives was pre-assembled and electrically wired at JOEST together with the chassis and the mounts for the outfeed-to-furnace hood and material hopper.

The marriage with the material hopper and outfeed-to-furnace hood took place at the customer's premises, as these were manufactured locally in Turkey according to JOEST drawings for cost reduction and easier transport.

The feeder and hopper are both equipped with a rubber/HB400 sandwich liner to reduce wear and noise during operation. The furnace Charging Feeder is also equipped with a heat-resistant outfeed chute.

#cooling, #sorting & #batchloading

GERMANY. JOEST delivered several types of machines from its product portfolio for castings for a customer's complete system.

To simplify and enhance the original process of storing casting parts in boxes for the cooling process, a JOEST Casting Cooler was installed downstream the existing shakeout.

This eliminates the need for manual storage with a forklift, resulting in significant time savings. After passing through the casting cooler, the parts move to casting separation and

sorting on a sorting conveyor before being transferred to a lifting and tipping device. Subsequently, a feeder on a drive frame feeds the parts to the shot blasting system in batches, ensuring a continuous material flow. In addition, a bypass discharge line is installed alongside.



JOEST Special Charging Feeder



USA. Special solution for one of the world's largest aluminum die casters.

["JOEST is known globally as one of the world's largest manufacturers of vibratory equipment for the foundry and other industries."](#)

Steve Rowland

For foundry melt shops the challenges start at the beginning with charging cars. Generally used to provide scrap, virgin ore and alloys to the charge furnace, they must be designed around each customer's particular type of materials, furnace interface and processes.

There is also the need for the charge car to be mobile so it can be positioned over the furnace when charging and also moved away from the furnace for loading, maintenance and durability.

Customer's Challenges

One of the world's largest aluminum die casters came to JOEST for a solution to charge their furnace more efficiently and reduce the risk to bucket loader

operators from charged air bag ignitors and other devices exploding when they are fed into the furnace.

The system had to be able to screen out fines while still being able to feed alloying materials. The heavy feeder needed to be moved manually and safely back and forth from the furnace for maintenance over a rough, relatively unfinished floor, and the method used to secure the feeder in place next to the furnace had to be simple, low cost and reliable.

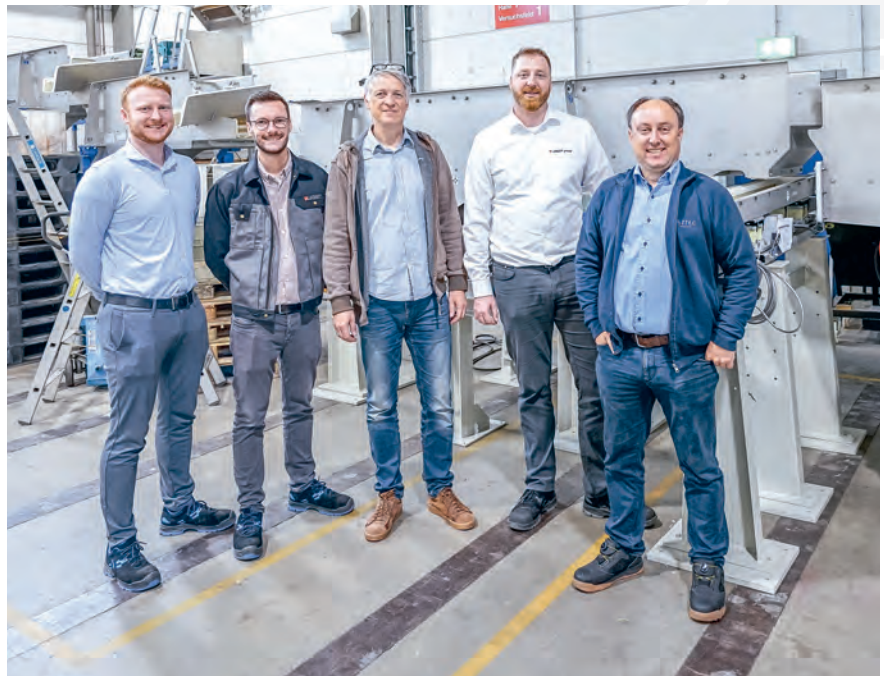
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#silicon #conveying & #screening

GERMANY. A system consisting of three machine types.



For the screening and conveying of silicon, JOEST has developed a system consisting of three machine types from the JOEST product portfolio for ALZTEC GmbH.

With the help of a JOEST Lifting and Tipping Device from the MA series, a container with material is lifted to a height of three meters. The Lifting and Tipping Device is equipped with an adjustable dumping skid, so that the discharge height can be adjusted.

To close the recessed handles of the plastic boxes, they are equipped with a pneumatic container clamp with molding jaws. This prevents material from escaping through the side. Another special feature is the use of a PU drive belt, which does not generate any metallic abrasion as opposed to a chain drive.

>>> read full article



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Drying System for Extruded Proteins



NETHERLANDS. Fluidized Bed Dryer with a process-, heating-, cooling- and exhaust air system as well as a Spiral Conveyor.



The contract manufacturer **Driessen Food Extrusion**, based in **Deurne in the Netherlands**, processes **mixed and powdered plant-based proteins** into **high-quality intermediates for the Food Industry**.

To expand production, JOEST supplied a new drying system. It was designed in close collaboration with the client to meet the special requirements of a contract manufacturer in the Food Industry. The drying system, consisting

of a Fluidized Bed Dryer with a process-, heating-, cooling- and exhaust air system as well as a Spiral Conveyor, was already installed this summer. The scope of delivery also included the system controls (control cabinet, control panel, etc.) from JOEST's in-house Control Technology.

>>> read full article



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driessen  food extrusion

Exhibitions worldwide 2023

WORLDWIDE. JOEST looks back on an exciting and eventful trade show season in 2023.

JOEST looks back on an exciting and eventful trade show season in 2023. With a clear focus on innovation and technology presentation, JOEST participated in various national and international trade fairs to showcase industry-leading solutions and innovations. It was always a great opportunity to introduce the latest developments in mechanical engineering and industrial applications and to connect with customers and partners.

POWTECH



GERMANY. POWTECH



GERMANY. GIFA





GERMANY. POWTECH



AUSTRALIA. Australasian Institute of Mining and Metallurgy



USA. Metal Casting Congress



GERMANY. Steinexpo



AUSTRALIA. WasteExpo



GERMANY. Blechexpo

Dual Study Program



GERMANY. Apprenticeship, academic studies and practical experience.

["I look forward to taking you along on my journey and sharing with you my experiences in the world of JOEST and Racing Power Muenster."](#)

Robin Tibud

As a future mechanical engineer and mechatronics apprentice at JOEST in Duellen, I find myself not only at the intersection of theory and practice but also at the heart of highly complex and technically demanding products.

My mechanical engineering studies at FH Muenster provide me with a broad knowledge base and the opportunity to put theoretical concepts into practice. The lectures and projects at the university not only offer a solid education but also inspire my daily work at JOEST and my involvement in the „Racing Power Muenster“ motorsport team.

During my apprenticeship at JOEST, a company known for its technical finesse and precision, I have the privilege of participating in various projects.

Even though my role primarily involves hands-on implementation, this experience provides me with a deep insight into the world of product development and mechanical engineering.

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My Apprenticeship



#honoringthebest



GERMANY. I am Jonas Oppermann, now 23 years old and I completed my apprenticeship in January this year.

"I like being at JOEST because I can get to know a wide variety of machines, have great colleagues and can experience many interesting things in my professional life."

Jonas Oppermann

It all started in the apprentice workshop: reading and understanding the first drawings, measuring workpieces and then of course, manufacturing them.

We learned how to use the equipment and tools: marking, graining, drilling and then the first attempts with various welding processes. We were also allowed to try out the lathe, although this is not actually required in our training framework. Filing was not neglected either.

We had to manufacture a try-square, which of course had to be very precise so that it could be used in practice.

To ensure that we didn't just stay in the training workshop on the opposite side of the street at the time, we were also allowed to help with the renovation of the office space and were thus able to get to know other parts of the company.

Of course, it didn't stop at the offices, so I was assigned to production and was able to get good insights into the final assembly of the JOEST Lifting and Tipping Technology.

>>> read full article



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Our *First Apprentice Day* was a Great Success!



#openhouseday

On the occasion of the first apprentice day, the doors opened for many potential new apprentices.

We had about 400 visitors that day, 184 of whom were potential new apprentices. The visitors learned a lot about the company and our apprenticeships during the guided tours.



#JOESTeam day Burger & Fries

GERMANY. On the occasion of the #JOESTeam day, the Managing Directors Dr. Hans Moormann and Dr. Marcus Wirtz invited all employees to fresh burger and fries and thus said thank you for their daily commitment, dedication and team spirit.

JOESTeam *day*



We made it!

GERMANY. Our apprentices Jannik, Pia & Yannick can be proud of themselves and so are we!

After 3 years of training as industrial clerks and technical product designers, the three have successfully completed their training. Our trainers Sybille and Sylvia congratulated them with a small present - and of course we had breakfast together. We are looking forward to the next years, because Jannik, Pia and Yannick will stay with us!



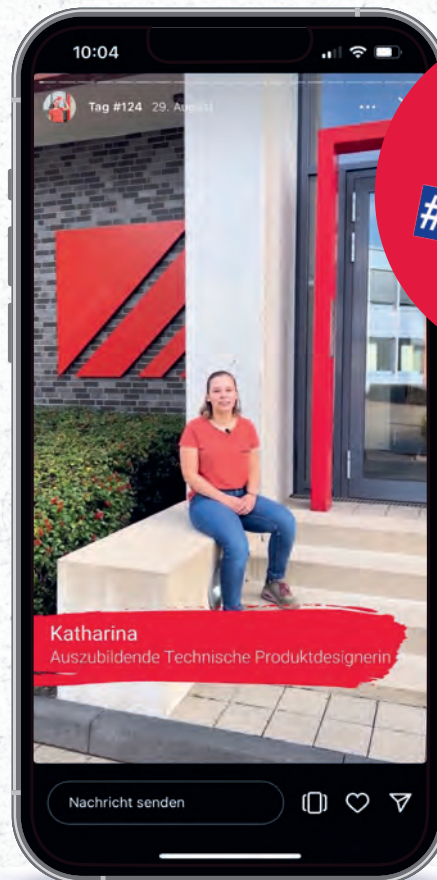
Sybille, Jannik, Pia, Yannick, Sylvia

Azubimojis

GERMANY. Our trainee Katharina shows a day in her training profession and her everyday training life at JOEST on the IHK Instagram channel.



Katharinas story



Start of Apprenticeship



Dr. Hans Moormann & Lukas Helmer
Sponsoring for Duellen swimmer

In his search for sponsors for his participation in the World Swimming Championships in Japan, the 25-year-old student has found a positive response at JOEST. JOEST is contributing €2,000 to the trip to Japan, plus towels and a water bottle. Dr. Hans Moormann, managing partner of the JOEST group, is happy to support local sports.

Lukas has been swimming since he was 4 years old - and it is now paying off. Improving by 4 seconds in 100m butterfly and setting the club record in all medley events last year, his times qualified him for the Masters in Japan. He has been trained for some time by his mother, who actively supports him. Besides the daily training in the pool, Lukas studies chemistry at the WWU in Muenster. The whole #JOESTeam wishes all the best and have a great time!

JOEST Australia is proud to assist Ethan McAullay in his endeavors to qualify for the Australian Olympic Sailing Team. JOEST's sponsorship enabled Ethan to compete in the 2023 World Sailing Championships - The Hague, Netherlands. Two races were completed on Day 1 which saw Ethan place 6th in the first race however he hit the start line mark resulting in a penalty circle instantly butting Ethan into last position. From a tough start he fought back to finish 47th.

The JOESTeam wish Ethan well in this regatta and along the journey to the Olympics.

■

With around 10,000 registrations, including almost 1,400 relay teams, the 21st Muenster Marathon started again on Sunday, 9th, at the Schlossplatz. JOEST again was part of this year's event with three relay teams and one marathon runner and thus with a total of 13 runners.

After more than 40 kilometers with perfect weather, the #JOESTeam had a well-deserved meal together to round off the event.

■



Photo by Sailing Energy & Beau Outeridge

Australian Olympic Sailing Team



The #JOESTeam running the Muenster Marathon



Dorfpokal 2023 in Buldern

The „Dorfpokal 2023“ in Buldern was a great event where our JOEST Soccer and JOEST Kicker teams had a lot of fun. Even though it only resulted in a „Fairness Trophy“ in the end, the entire competition was an excellent opportunity to strengthen the #JOESTeam and promote team spirit. We appreciate everyone who made this wonderful day possible and look forward to the next season.

■



Muenster Triathlon 2023 – ready, set, go!

Our #JOESTeam started with two relay teams on Sunday, June 18th, with hot temperatures. We can proudly say that one of our relay teams was able to secure the 5th place among 72 relay teams.

- 500 m swimming
- 20 km cycling
- 5 km running

We are very happy that our teammates have come together and show how important team spirit is to give everything as #JOESTeam!

■

Consul General for the US Consulate General Duesseldorf visits JOEST group

GERMANY. At the invitation of Dr. Marcus Wirtz, Managing Partner of the JOEST group, Pauline Kao visited the JOEST group in Duermen on February 28, 2023.

Pauline Kao has been the Consul General for the U.S. Consulate General in Düsseldorf since August 2021.

The official welcome by Dr. Marcus Wirtz was followed by a presentation of the JOEST group with a special focus on the US subsidiary of the JOEST group.

The company presentation was followed by a joint tour of the workshops at the headquarter in Duermen, before Consul General Kao visited the Wirtschaftsclub Westfalen e.V. and gave an interesting and exciting speech there.



New Office for our Subsidiary **JOEST**[®] China

CHINA. Founded in 2008, JOEST China recently moved to a new and larger office space. We wish a great start with the new office space!



Founded in:
July 1st, 2008

Employees:
6

Area:
100 m² Offices

New DRK Emergency Vehicle



Head of the Red Cross, Dirk Hoffmann, Dr. Hans Moormann, Managing Partner of the JOEST group and Chairman of the Association Dr. Martin Olbrich (from left) in front of the new emergency vehicle.



20 Years JOEST Australia



AUSTRALIA. Guests from the JOEST group around the world joined the Australian JOESTeam.

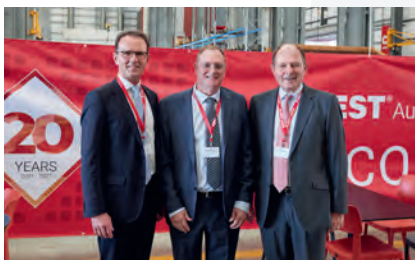
Despite the COVID delay, JOEST Australia celebrated 20 years since the founding in 2001 on 31st January 2023.

ing words about the contribution of German companies like JOEST group to the economic growth in Western Australia.



The anniversary was postponed for 2 years, as was the factory opening after construction was completed in late 2020. Guests from the JOEST group around the world joined the Australian JOESTeam, their partners and valued customers in an evening of entertainment and factory tour showcasing the purpose built facility in Coldwell Road, Kenwick (Perth) WA.

Industry leaders took the opportunity to see JOEST machines in various stages of construction, as well as a machine on the test bed. Nearly 200 guests enjoyed music performed by the Western Australia Youth Jazz Orchestra whilst sharing many conversations over food and refreshments.



JOEST group Managing Partners Dr. Hans Moormann and Dr. Marcus Wirtz joined JOEST Australia Managing Director Ian Laws in opening the party.

Old friends and supporters of JOEST Australia over the years reminisced about the stories and challenges shared in the past, and opportunities in the future.

Guests included The Honorary Consul of the Federal Republic of Germany in Western Australia Dr Gabriele Maluga who spoke appreciative and motivat-

The JOEST group and the Australian subsidiary look forward to the next 20 years with optimistic plans for future growth.



> watch video

Good News from Australia

AUSTRALIA. JOEST Australia is thrilled to announce that our unwavering commitment to growth and excellence is once again propelling us forward!



JOEST® Australia

The good news is that we've secured additional workshop space in the neighbouring building, affording us an extra 2,000 square meters of rented space. This addition will provide some much-needed relief, allowing us to keep pace with our growing demands.

However, this is only the beginning, as we believe in fostering a sustainable, long-term solution to accommodate our strategic growth strategy.

Just three short years ago, we moved to our fantastic bespoke premises, and we have been pleasantly surprised by the pace of our progress.

The influx of exciting new projects, coupled with an increasing order book of refurbishments and spare parts has stretched our production facilities to the max, prompting the need for expansion.

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Interview



DR. FABIAN WESTBRINK
Head of Technology

“If we look a little bit into the future, predictive maintenance with the help of continuous condition monitoring will be the predominant topic for our customers.”

Dr. Fabian Westbrink

Are there any new developments that you are driving forward?

Standing still always means decline, which is why we dedicate ourselves to permanently relevant topics and stand for our high level of innovation, both within the company and in the development of new technologies, machines and new target markets. However, especially as a company with more than a century of tradition, we must always ask ourselves where our products, that have been known and valued in the market for a long time, still meet the needs of our customers. As the market leader, which development can we bring forward to set new trends? In addition, we are currently working at full speed on the standardization of our machines to be able to offer tailor-made and cost-effective solutions.

JOEST has been successfully operating in a wide variety of industries for many years. Automation technology, control, Industry 4.0 – all of this is becoming immensely important. What is JOEST doing to stay on top of this?

That’s where you find the core of my job and my vision for the JOEST group. Under the holistic curtain of Industry 4.0, we are evaluating current processes from engineering and production to optimize cooperation with the help of current technologies. On the other hand, we offer our customers considerable added value with tailor-made solutions from the field of automation technology.

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Interview



ED BENSINK
Representative Netherlands

“My job is quite diverse. What I particularly appreciate about my job is the combination of technology and customer interaction.”

Ed Bensink

To start, could you tell us a bit more about your professional background?

Sure. I'm a process engineer. My education began in the field of process engineering and later evolved into chemical technology. However, chemistry was never really my thing; I preferred to focus on process technology. At the beginning of my career, I worked for a detergent manufacturer and was involved in bulk material processing. The topic of bulk materials and processes has been with me throughout my entire professional life. Later, I transitioned into sales at JONGERIUS, the former representative of JOEST, which was already 25 years ago. At that time, I thought JOEST was relatively small, but in the last ten years, the company has grown significantly. It's enjoyable to see how it has developed. I believe the employees here also find joy in their work because JOEST is known for its high quality

and reputation. When my predecessor at JONGERIUS retired, I took over his role, and I've been the representative of JOEST in the Netherlands for the past 10 years. To this day, I still enjoy it very much.

What exactly does your job look like? Do you have a specific daily routine?

My job is quite diverse. What I particularly appreciate about my job is the combination of technology and customer interaction. The technology is often very clear and defined, while sales and marketing are more abstract. I like the opportunity to combine both aspects.

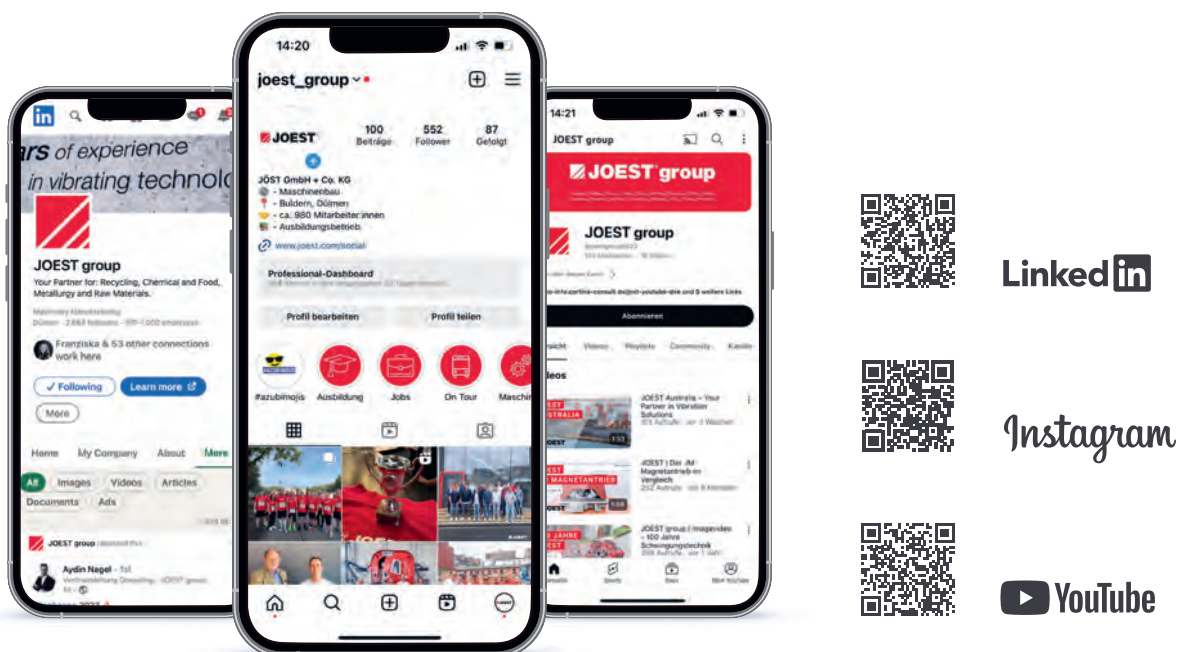
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#alwaisuptodate

WORDLWIDE. Innovations, industry trends and insights behind the scenes.



What's Coming Next?

GERMANY: The year 2024 brings many new things with it.



Corporate Communications

Shaped by eventful and successful trade fairs and events, the year 2023 just rushed by - and so does the outlook for the coming year.

In addition to numerous trade fairs again, there are many other exciting projects on our to-do list. We are very much looking forward to next year and the challenges it holds! Our new blog makes it wonderfully easy to follow the coming year with its clear structure, numerous filter options and of course (already) lots of content.

#staytuned

Exhibitions 2024



March, 19. - 22.
Cologne



May, 13. - 17.
Munich



June, 26. - 27.
Frankfurt



October, 09. - 10.
Dortmund

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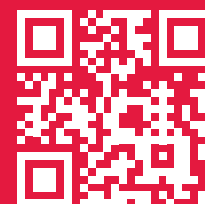
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