

Düker News

Employee magazine for Düker GmbH



DÜKER

01/2021

THE MAGAZINE
OF DÜKER GMBH

Editorial | 4

Strategy

Dueker25 – Our Future | 6

The Excellence of Dueker –
A Changing Brand | 10

Products

Dueker Ring Console | 18

NOVO-SIT® | 20

Projects

Dueker Butterfly Valves | 22

Many Dueker Products in Use at
Straelen Waterworks | 24

Stayery in Cologne | 26

Boarding House in Lohr am Main | 27

Highline Park Dresden | 28

ROSTEC City Business Park in Moscow | 29

Afghan State Printing House | 30

Water and Infrastructure Projects in Qatar | 31

News

Dueker Standard in Hong Kong | 32

Schindler Parent Visits Dueker | 34

Sponsorship Competition | 36

Dueker Family

Introducing Birol Karatas –
Plant Manager in Karlstadt | 14

Reinforcement in Baden Württemberg –
Our New Field Sales Employee | 15

Farewell to Klaus Geis | 16

Long-service Awards | 37

Induction Week for New Apprentices | 38

Employee Anniversaries | 42

Works Council

Busy Times for the Youth
and Trainee Delegation at Dueker | 40

Company Health Insurance fund

SKD | 39

Preview

Dueker News Goes Digital | 44

Imprint

Düker GmbH
Würzburger Strasse 10 – 16 · D-97753 Karlstadt
Tel. + 49 9353 791-0
Fax + 49 9353 791-198

Hauptstrasse 39 – 41 · D-63846 Laufach
Tel. + 49 6093 87-0
Fax + 49 6093 87-246

E-mail info@dueker.de
Web <http://www.dueker.de>

Publisher:
The management team of
Düker GmbH
Würzburger Strasse 10 – 16
D-97753 Karlstadt

Editor:
Elisa Rettelbusch

Layout/typesetting:
MAINTEAM
Pictures · Text · Kommunikation GmbH
Weichertstrasse 20
D-63741 Aschaffenburg

Printing:
Hassfurter Medienpartner GmbH & Co. KG
Augsfelder Strasse 19, D-97437 Hassfurt
Reprinting only with the permission of the
publisher.

TRANSFORMING DUEKER. MOVING FORWARDS AND UPWARDS.

DEAR READERS,

COVID-19 has had a major impact on our work and personal lives for more than a year now. As I write this, the situation seems to be easing. Case numbers are falling, and many of us are looking forward to an almost normal summer. However, the pandemic continues to have indirect effects on prices, availability and supply chains.

Dueker has coped very well in the pandemic so far. With our "Made in Germany" products, we have maintained supply capability at all times. Our plant in Laufach is working flat out to meet strong demand for enamelled products for civil engineering. Demand for cast iron products for building drainage is also high.

These are all extremely positive developments, and I would like to say a big thank-you to all my colleagues, our business partners, customers and suppliers. Thanks to each and every one of you, we remained commercially successful during the pandemic, and now - where the case levels are declining - we can see that our preparations for the future are impacting.

This edition of Dueker News marks another milestone in Dueker's development. It is the starting signal for launching our new strategy. Even at the height of the pandemic, we never stopped advancing our strategy project and preparing for the future. We defined our strategy together. We have ambitious objectives. Our vision is to mould Dueker into the reference provider of sustainable, high-quality products and services for water supply and disposal.

We are ideally placed for this: along with our highly qualified staff, high-quality products, excellent customer rela-

tionships and a stable network of reliable suppliers are an outstanding basis for our ongoing development. As a company that operates sustainably in every respect, we are playing our part in shaping a world that is fit for our children to live in. In addition to responsible and resource-efficient production, we are particularly committed to hygienic materials that come into contact with the essential resource of water. Our core values, set out in detail in this edition, are the basis for everything we do. We firmly believe that our high ethical standards for our actions are entirely consistent with our motivation to offer the best products at competitive prices. Devising solutions in tandem with our customers and being a fast-acting, administratively efficient partner are the essential factors for our future success and that of our partners.

As part of this, we will definitely move in new directions, by looking even more actively for bespoke customer solutions than before - also extending beyond our current product range, on our own and together with partners. We will move forwards actively, and we are convinced that it is the right way to continue our success story. Along with organic growth, collaborations of all kinds and the inorganic advancement of Dueker are integral parts of our strategy.

The visualisation of our new identity is now complete; many sections of this edition are devoted to it. Even though our expertise and content are convincing, we still need to communicate our new commitments externally. Our slogan **"Excellent.Water.Solutions"** clearly expresses what we stand for and what we work on every day.

In connection with this, we are also working on a host of interesting projects - always with our new vision and the benefits to customers in mind. Not everything is finalised yet, but I can promise you that you will hear lots of good news from us in the near future.

We have already enhanced our internal processes. In addition, we have strengthened the Product Management department and will continue to expand it. Focused technical sales will give our customers even more intensive support when devising bespoke solution concepts. There has also been a change at the Karlstadt plant. We are delighted to welcome Birol Karatas (51) as a new member of the Dueker management team and as the plant manager in Karlstadt. A qualified mechanical engineer and trained industrial mechanic, he will apply his experience to implementing our future plans. At the same time, we extend our heartfelt thanks to Klaus Geis, who has gone into a well-earned retirement after a 40-year career at Dueker.

We are also improving our technical product communication. For instance, we are significantly expanding our new eCAD catalogue. Our system landscape is also being modernised, and we are successively moving to cloud systems.

You will see from our new developments that we are actively addressing the future at product level, too.

New products such as the ring console and our new socket system Novo-Sit® are set out on the following pages. In addition, you can read about further innovations like the fire protection branch, a genuine first on the market in the building drainage sector.

We are always open to new ideas. That is why I am issuing the following invitation to all readers: If you have any specific suggestions and/or ideas or simply want to discuss specific issues, contact us! We have set up a dedicated e-mail address for this purpose: "Ideas@dueker.de".

And just one final word: Dueker News is becoming more modern and sustainable. Consequently, this issue of Dueker News will be the last print edition of the magazine - at least for the time being.

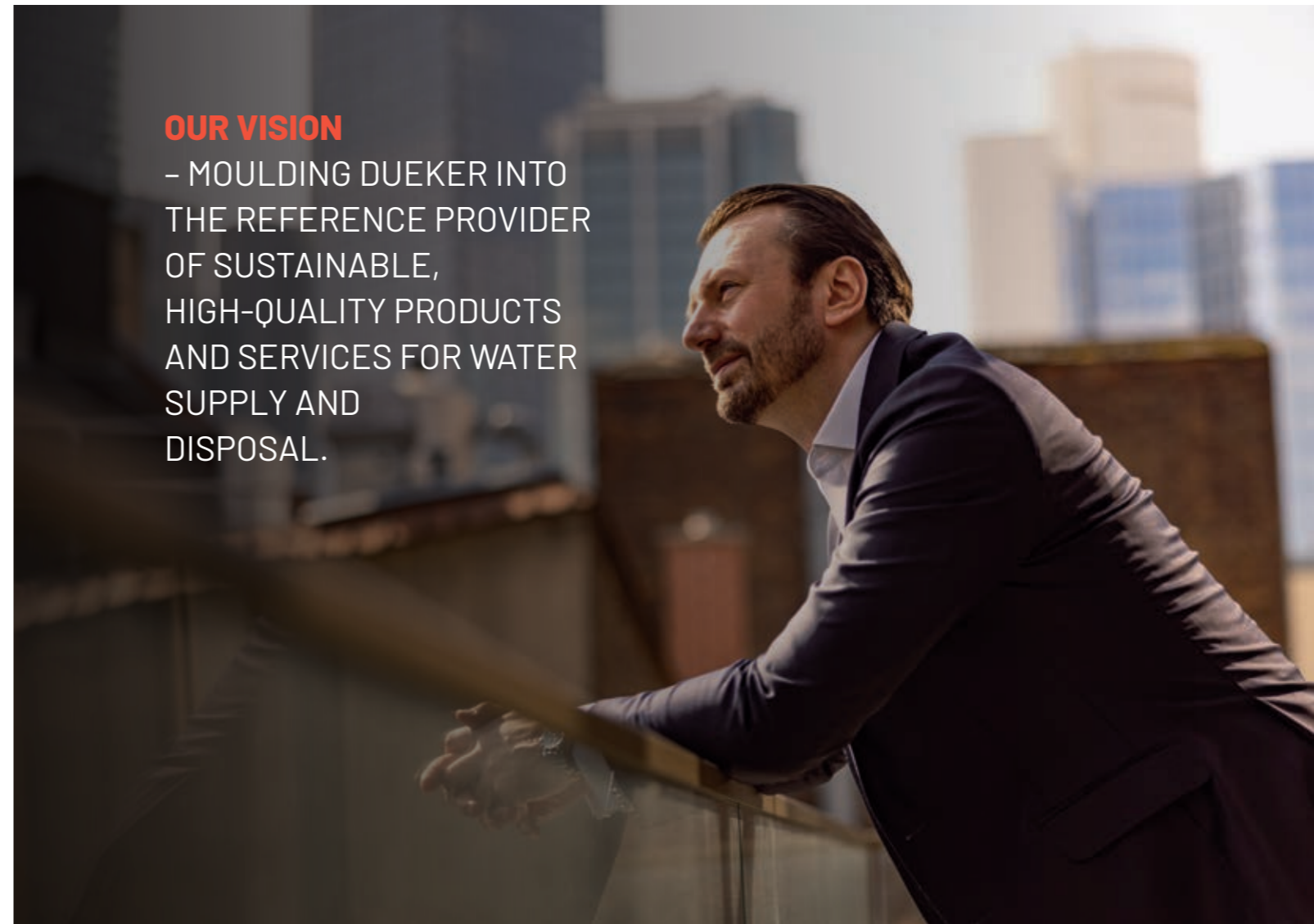
I hope you enjoy reading it, and I would be very pleased if you registered for our future online newsletter.

All the best

OLIVER KRAXNER

OUR VISION

- MOULDING DUEKER INTO
THE REFERENCE PROVIDER
OF SUSTAINABLE,
HIGH-QUALITY PRODUCTS
AND SERVICES FOR WATER
SUPPLY AND
DISPOSAL.



DÜKER25

OUR STRATEGY

DUEKER IS A COMPANY FROM LOWER FRANCONIA WITH A TRACK RECORD OF SUCCESS. THE NEXT STAGE IS ABOUT TO UNFOLD.

At Dueker, we like to call ourselves a family. The working environment here is just like that. We work hand in hand and progress together. That is how we will achieve our goals.

After all, we mean business. A company that has to prove itself with its products, made in Germany, in a competitive field and does so successfully, day in, day out.

Our customers expect us to deliver consistently outstanding quality at stable, sometimes even decreasing prices. Our employees expect good, rising wages and decreasing or more flexible working hours. Our suppliers expect planning reliability, stability and payment of appropriate and adequate prices. Our environment requires higher costs for raw materials, electricity and CO₂, and products from other countries of origin with lower quality are coming onto the market.



A PROJECT OF A&A ARCHITECTS AS ARCHITECTS OF THE SKY FORT BUILDING EQUIPPED WITH DUEKER TECHNOLOGY.

CAN A GERMAN MEDIUM-SIZED COMPANY CONTINUE OPERATING ON A LONG-TERM BASIS IN THIS WORLD?

THE ANSWER IS A RESOUNDING YES.

We firmly believe this. To ensure that it happens, we at Dueker have decided to take control of our own destiny instead of being at the mercy of events in an ever-changing world. That is why we developed our "Dueker25" strategy and are rigorously implementing it. For Dueker, this means making the transition from a fairly reactive producer to a provider of customer-oriented solutions. We continue to be a strong, reliable partner for our business partners and a stable employer for all our colleagues.

To achieve this, we are open to new things – new products and services, new investments, collaborations and new colleagues. And while we are organically advancing our strategic development, we are also actively looking for and assessing other opportunities that arise.

You can read about the key pillars of this strategy on the following pages.

DUEKER NOW AND IN THE FUTURE: DUEKER IN 2025

Dueker has made great strides in recent years, especially commercially and financially. We have achieved this by focusing on our strengths in our core business of activities related to water. And Dueker will continue to embody one thing in particular in the future: premium solutions for water supply (**FLOW CONTROL** division) and waste water disposal (**DRAINAGE** division).

OUR VISION

DUEKER IS THE REFERENCE PROVIDER OF SUSTAINABLE, HIGH-QUALITY PRODUCTS AND SERVICES FOR WATER SUPPLY AND DISPOSAL.

This means that we achieve the best results for our customers through our durable, high-quality products with best-in-class hygienic and corrosion-resistant coatings. In addition, we will make a key contribution to a sustainable water supply with our recycled products. As well as being quality leader in these sectors, we aim to be the preferred partner for our customers through a focus on solutions, high reliability and outstanding service for matters relating to water.

In pursuing our vision, we also remain focused on compliance and our values as well as all commercial targets.

OUR CORE VALUES

Acting together in a forward-looking way matters a great deal to us at Dueker. Everything we do should always be geared towards goals and results as well as being distinguished by outstanding quality – in small and large aspects alike. This starts with the simple things like preparing for a meeting or writing an e-mail and extends through production quality to preparation and implementation of planned major investments. Sensible processes and our comprehensive quality management system are particularly important to us.

If we are not satisfied with the quality of an attained solution ourselves, we rethink it – and abandon it if necessary.

Our actions are geared towards the needs of our customers, whom we aim to accompany in their business on a long-term basis. We work for them on new and improved solutions that are sustainable and environmentally sound. Working constructively with customers, suppliers and colleagues comes naturally to us.

We are aware of the importance of our roots as a German company, and are proud of our history, which stretches back more than 550 years. We make targeted use of the advantages of a medium-sized company afforded by fast decision-making channels. At the same time, we are constantly building up our expertise. With so many partners that operate worldwide, we get to know and appreciate different cultural viewpoints every day.

This includes being open to new things and regarding change as an opportunity, even if it means stepping out of our comfort zone. We do this, and it is a conscious decision. Openness also matters to us in another respect, namely our dealings with people. Everyone at Dueker actively contributes to our cooperative, open, inclusive working environment, in their dealings with colleagues and our external partners.



OUR CORE VALUES AND OUR GUIDING PRINCIPLES

They define guidelines for our business activities, and set out our ethical and moral values.

1

WE DELIVER RESULTS.

BECAUSE WHAT WE DO, WE DO WELL - REALLY WELL.

2

WE SHAPE THE FUTURE.

FORWARD-LOOKING, LONG-TERM, APPROPRIATE.

3

WE WORK IN PARTNERSHIP.

OUR AIM IS THAT EVERYONE ENDS UP WINNING.

4

WATER IS OUR ELEMENT.

WITH US, IT IS IN THE BEST HANDS.

5

WE PUT CUSTOMERS FIRST.

WE ARE PROUD TO PLAY A PART IN THEIR SUCCESS.

6

WE ARE MITTELSTAND "MADE IN GERMANY".

FLEXIBLE. RELIABLE. FAST.

7

WE PROVIDE PREMIUM SOLUTIONS.

DURABLE. SUSTAINABLE. ENVIRONMENTALLY SOUND.

8

WE OPERATE GLOBALLY.

BECAUSE WATER HAS NO BORDERS.

9

WE ARE OPEN TO NEW THINGS.

BECAUSE WE SEE OPPORTUNITIES IN CHANGES.

IN EVERYTHING WE DO,
WE FOCUS ON
OUR LONG-TERM GOAL:
**HIGH-QUALITY, LONG-LASTING
SOLUTIONS RELATED TO WATER.
FOR OUR CUSTOMERS.**

HOW CAN THIS BE DONE?

FOCUS ON WATER

In the future, we will be focusing entirely on water. Water supply and disposal are what we do and know best, backed by many years of experience. We apply this for our customers in a targeted way. We deliver outstanding quality that our business partners trust.

And we will keep on moving forwards. You will hear more about our ideas for smart solutions soon.

FOCUS ON INVENTIVENESS

We encourage new ideas and give people the freedom to make mistakes. In our teams, we combine the wealth of experience of long-serving employees with the cutting-edge expertise of our younger recruits, especially in the fields of IT networking, methodology and new ways of working. We invest in new products and services in order to meet our customers' needs even more effectively and sustainably. Environmental compatibility, durability and bespoke solutions will become even more prominent features of our products and Dueker's service.

FOCUS ON PARTNERSHIPS

Water is a global topic that will influence us and the world to an ever-greater extent in the future. We work with partners throughout the world to establish particularly sustainable and environmentally sound products and services on the market. Our customer relationships in Germany, Austria and Switzerland are our model for successful partnerships on an equal footing. We are firmly committed to enhancing these relationships.



THESE FOCAL POINTS AND OUR IDENTITY ARE SUMMED UP BY OUR MISSION STATEMENT:

WE PROVIDE HIGH-QUALITY AND SUSTAINABLE SOLUTIONS RELATED TO WATER BY PROVIDING OUR CUSTOMERS WITH TOP-QUALITY PRODUCTS AND SERVICES.

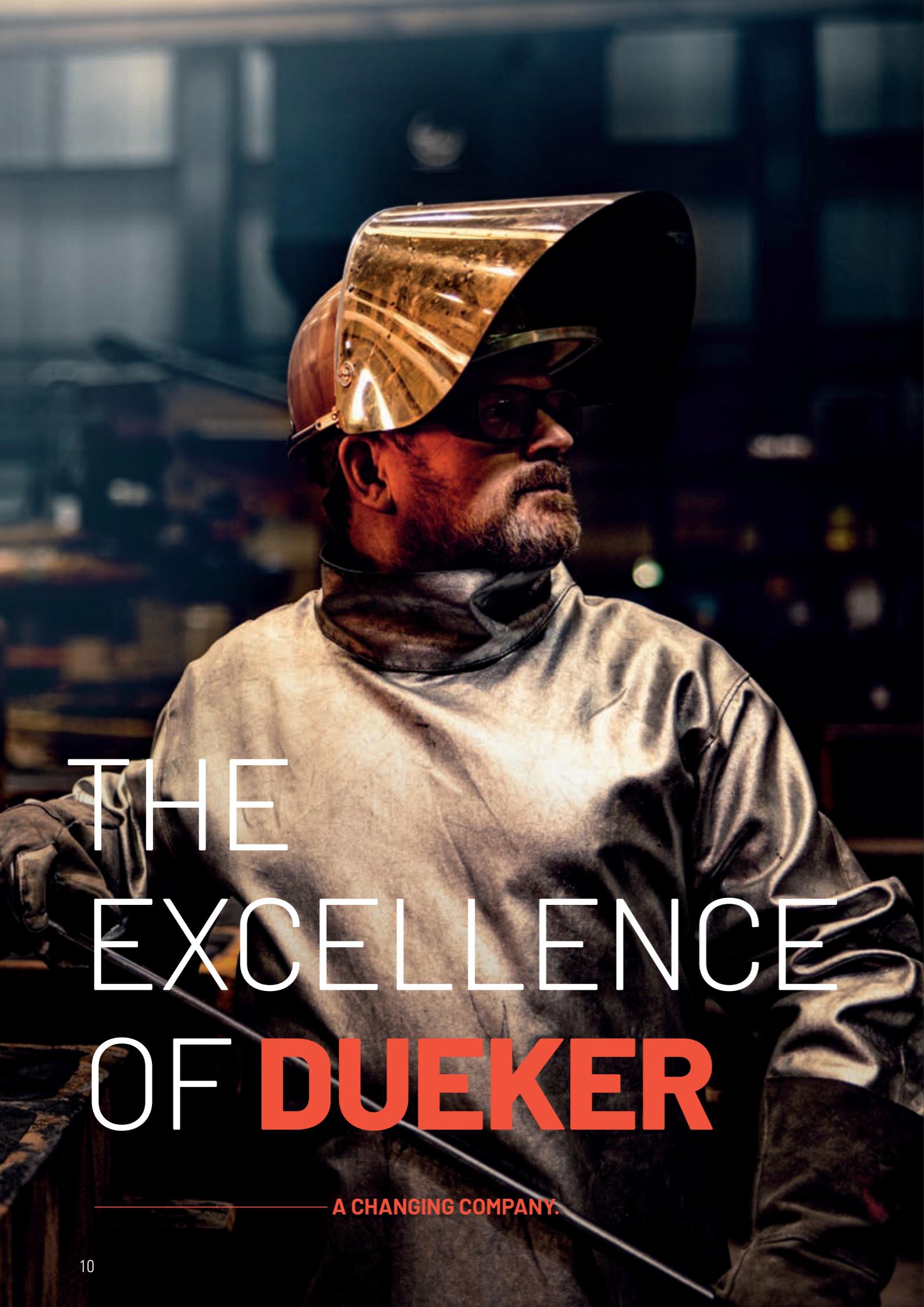
AS AN INTERNATIONAL, ENTERPRISING PARTNER, WE AT DUEKER WORK ALONGSIDE OUR CUSTOMERS TO OVERCOME THEIR CHALLENGES RELATED TO WATER, IN AN ENVIRONMENTALLY SOUND, FAST AND SUSTAINABLE WAY.

We can only do this together. And just as the individual members of a family keep on growing, changing, working on their weaknesses and building on their strengths, the same applies to our entire company.

There have been lots of changes in recent years - in-house at Dueker and on the market. And - let's be honest - change is here to stay.

Life is a constant change and presents lots of challenges that we grow with. We are pleased to do this as the Dueker family, together with our long-standing and future business partners.

— OLIVER KRAXNER



THE EXCELLENCE OF DUEKER

A CHANGING COMPANY.

BRANDS AND PEOPLE HAVE MUCH IN COMMON:

They both have a character. There is nothing static about a character. It evolves, changes, moves with the times. The same applies to Dueker. Like a person with a strong character, Dueker also stays true to itself – yet still changes. And Dueker is now all set to relaunch itself on the market.

Do you remember? It's not that long since we wrote here in Dueker News about the Dueker brand (2019, pp. 24-25) and the gradually evolving image. Dueker has now completed a major realignment and repositioned itself. The aim is to have a more modern appearance and become more international. This aspiration is reflected by our brand identity.

THE NEW LOGO.
IT REPRESENTS
OUR DIVISIONS:
DRAINAGE (RED) AND
FLOW CONTROL (BLUE).
WATER IS IN THE
CENTRE OF OUR LOGO,
EXPRESSING OUR CORE
EXPERTISE IN WATER
SUPPLY AND DISPOSAL.



THE LOGO REFLECTS DUEKER.

The new logo is a key feature. Like our Flow Control and Drainage divisions, it is divided into a top half and a bottom half, with different shapes and colours embodying civil engineering and building construction, water supply and water disposal. Fittings and valves on the one hand, drainage technology on the other.

OUR LOGO IS ROUND.

Our logo symbolises this: a round object – filled with water and open to connections half-way up at the side. The colours and shapes portray Dueker as refreshingly modern and also clearly radiate trust and reliability.

THE IMAGERY IS PERSONAL, MEMORABLE AND HIGH-QUALITY.

Dueker is authentic and distinctive – and this is emphasised visually, through high-quality images from daily activities – in the plant, in Sales and Service – and often directly on the building site.

DUEKER PROVIDES PREMIUM SOLUTIONS.

The new brand identity is based on our positioning as the reference provider of premium solutions in water supply and disposal. Premium solutions – as before, these are our technologically outstanding valves and high-quality fittings. Our coating expertise is also included here. Overall, however, premium solutions are state-of-the-art solutions. They can, but don't necessarily have to, be made of cast iron.



DUEKER IS BECOMING MORE MODERN - AND MORE DIGITAL.

The new brand identity opens up new prospects for us. For instance, we are also revamping our website and brand communication as part of this process.

THE NEW IMAGERY.
HIGH-QUALITY,
EMOTIONAL AND
AUTHENTIC,
LIKE US.



EXCELLENT. WATER. SOLUTIONS. 



Dear colleagues

I have been a member of the Düker GmbH management team and plant manager with responsibility for the Karlstadt plant since 1 January 2021. It's my great pleasure to introduce myself, and I'm very much looking forward to getting to know you all.

I'm Birol Karatas, a qualified mechanical engineer. Before taking my degree, I trained as an industrial mechanic. Most recently, I worked as technical director at Gusswerke Saarbrücken. In this role, I was in charge of the melting shop (cupola furnace, MFT furnaces), the moulding shop (greensand systems), the core shop and casting finishing with powder coating systems. In addition, I had overall responsibility for maintenance and plant planning. Previously, I held a responsible post at ThyssenKrupp.

It took just a few weeks here to see that Düker GmbH is a very impressive and professional operation. This is largely down to its highly motivated and extremely well-trained employees, who are Dueker's lifeblood.

I firmly believe that our top-class products made at the Karlstadt and Laufach plants constitute an outstanding range on the market, ideal for increasing market share and securing the future.

There are exciting and wide-ranging challenges to overcome. In the medium and long term, we are focused on furthering the progress of our company, and our employees in particular. Only by working together can we set the course for the years ahead and accomplish the tasks before us.

I look forward to a very close and enjoyable working relationship with you. Let's keep on building the future of the Dueker family together.

Good luck!

■ Birol Karatas

Reinforcement in Baden-Württemberg

New technical field sales employee for the Flow Control division



The native of Böblingen will apply what he learned in his training at the then Saint Gobain Reisser D+K Handels GmbH in Baden-Württemberg, his extensive knowledge of the sales area and his in-depth technical understanding of water supply and waste-water disposal for Dueker customers and interested parties unstintingly, reliably and flexibly. The "newcomer" to southwest Germany will deploy these strengths day in, day out.

New technical contact for customers in Baden-Württemberg

Antonio Caiazza is now responsible for all questions and issues of our customers in Baden-Württemberg. Working from home in 88348 Bad Saulgau, the 48-year-old father of three will give optimum support to our customers. His duties include providing technical advice for the water/waste-water/gas supply and disposal industry, gaining new customers, and fostering and building up customer relationships. In addition, Mr Caiazza is the contact for all technical employees of civil engineering wholesalers, where he is also available for training sessions and presentations.

We are delighted with this new addition to the Dueker family! We wish him all the best and every success!

Welcome, and good luck, Mr Caiazza!

Mr Antonio Caiazza can be contacted on
Mobile phone: +49 151 11158573
 or at
E-mail address: antonio.caiazza@dueker.de

■ Peter Mazewski
 Regional sales management South

Antonio Caiazza joined our South field sales team for the Flow Control division (formerly Fittings and Valves) on 16 November 2020. To prepare for his demanding tasks in field sales, he undertook extensive induction and training at the factories in Karlstadt and Laufach.

Industry expert who understands people

Antonio Caiazza, Bachelor of Arts (B.A.) in business administration with a further qualification as an International Change Manager and a trained wholesale and export merchant in the civil engineering sector, deals with utilities, pipeline constructors and other parties interested in Dueker fittings and valves, showing great commitment and attentiveness.

This enables him to apply his many years of hands-on experience in technical sales in the civil engineering industry in line with Dueker's requirements. Having previously worked in-house for a civil engineering retailer and as a technical consultant in field sales for linear and point draining, he is well acquainted with all the challenges of technical sales and has excellent connections in Baden-Württemberg.

Dueker Stalwart Retires



After over 40 years at Dueker, including over 30 years at the Laufach and over 9 years at the Karlstadt plant, Klaus Geis retired on 31 March 2021.

His career started in September 1974 with an apprenticeship at the pattern-making shop in Laufach. Next, he moved on to plant management in Karlstadt. After his training, Klaus Geis initially left the company to gain further experience and train as a state-certified engineer specialising in casting. In 1984, he returned to Dueker and started his career in process planning. One of his first tasks was converting the model fleet of the old roller conveyors to the new moulding plant, which successfully commenced operation in April 1985.

Modernisation of production planning and management

At the same time, the work schedules, still handwritten back then, had to be integrated in the IT system MIACS, and production planning and management had to be implemented in the PPS module in MIACS. At his instigation, a microcomputer was purchased in order to calculate schedule times. Enthused by this progress, he ensured that the first personal computer was purchased at the Laufach plant, albeit with only an operating system, with no support, no expertise and no user software. In a move that is unimaginable today, he set about looking for user software among his friends and acquaintances.

Subsequently, he introduced fine-tuning programs throughout the entire plant in Laufach, and gradually docked them onto the PPS system MIACS. These measures paid off through a major step towards getting up to date, transparency of orders and work in process, prompt order processing, and therefore a significant improvement in adherence to customer deadlines. Using the experience with MIACS/dBASE and the possibilities of the new ERP system, the introduction of the ABAS ERP system in 2000 significantly improved the order handling processes and considerably shortened process flows.

The economic situation had taken a further turn at the end of the 1990s. To meet these new requirements, the Dueker 2000 project was launched in 1998 with the aim of making corporate processes shorter and more manageable while generating more personal responsibility and transparency.

Key steps on the career ladder

After completing a distance-learning course in PPS in 1992 and 1993, Klaus Geis took on the role of deputy head of process planning, becoming acting head in 1995 and official head in 1997.

On 1 May 1999, Klaus Geis then assumed responsibility as process owner for the order handling process for pressure pipe fittings, which was combined with casting and valves on 1 October 2001 to form the order handling process AP 2.

Investment in products and production systems

To meet the new requirements on the product side as well, replacement of bitumen, cement and wet paint coating was started back in 1997. Investment was gradually made in powder coating (fluidised bed coating system, small-component and large-component powder coating). The coating conversion process was completed in 2006 with the construction of a new enamelling plant including casting pretreatment.

At the same time, the decision was made to realign the foundry in Laufach. Consequently, planning of a new electric melting furnace and a new hand moulding shop was started in 2006. When they went into operation, this brought the era of the cokeless cupola furnace in Laufach to an end after around 25 years. It was a painful decision for all employees involved in this research and development project. Yet this capricious and unruly machine was tamed and handled safely with a great deal of effort, dedication, hard work and persistence.

Mechanical processing was not spared by the passage of time, either. The Dueker general-purpose machines no longer complied with the new safety regulations, and they simply could not cope with the new requirements – short lead times, small batch sizes, reduction of stock levels, etc. It was necessary to bring in systems and machines with no set-up times. Therefore, special-purpose and general-purpose machines were dispensed with, and investment was made in standard machines, which had a long track record of cost-effectiveness on account of their much-improved availability. Klaus Geis recalls one measure in particular: the replacement of the Wotan machining centre and the Grob round transfer machine.

New challenges in Karlstadt

Once the process changes at the Laufach plant (the “melting plant”) were well advanced, Klaus Geis took charge of the Karlstadt plant (the “ironworks”) on 1 January 2012. He set about relocating valve assembly from Laufach to Karlstadt and dealing with the issue of justifying the existence of the moulding plant in Karlstadt. There was also a need to encourage greater collaboration, sharing of experience and mutual support.

In the first few days, he identified lots of potential for change. Compliance with environmental regulations emerged as a particularly major issue. A serious industrial accident with a fortunate outcome, only grazes and bruises to employees, and a major coating problem overshadowed the first few weeks. Once these hurdles were overcome, minor organisational measures showed initial progress.

Planning and preparation of the relocation of valve assembly were also in full swing. Connecting the new assembly site to the dispatch hall (4) and planning the hall layout with short distances and minimal worklists at the workstations were the challenges involved in the project. At the same time, a concept for a new test bench and conversion of the existing gate valve test bench had to be devised. The successful completion of this project by mid-2013 was solely down to the perfect interaction between the colleagues at Laufach and Karlstadt.

Deep-seated changes at the Karlstadt melting shop

With no preparations and after a trial phase of just weeks, the smaller of the two heat-retaining furnaces was decommissioned at the end of 2012. The resultant cost savings fortunately meant that investment at the Karlstadt site could be dealt with. In an accelerated process, spring 2013 saw the commencement of planning of a new long-term cupola furnace that was to be built at the turn of the year in the same place as the old cupola furnaces dating from the 1950s and operated on alternate days. Thanks to exceptional work from everyone involved, especially the maintenance team, and good fortune with the weather, the first molten iron emerged from the new cupola furnace just two hours late.

This constituted a quantum leap towards reducing pollution. Consequently, the recuperator (built in 1968) was replaced, and the upstream combustion chamber was extended in 2018, and the cooling/filtering system was renovated in 2019. As a result, the current emission levels are well below the permissible limits. Further measures within an odour emission concept are expected to have a positive impact overall, particularly for local residents.

Klaus Geis has left the company with a tinge of regret, as he says that despite intensive efforts, he has not managed to implement economic measures to improve products in terms of coating of pipes and fittings. However, a couple of approaches that he will pass on to his successor are currently being pursued.

Unfortunately, COVID-19 has prevented us from saying goodbye properly, so on behalf of all colleagues at Laufach and Karlstadt, I would like to take this opportunity to thank Klaus Geis, whose decision to leave was not taken lightly, for being a wonderful team player, giving valuable support and being such a pleasure to work with at all times. “I’m proud”, he said, “to have been part of this special Dueker family for many years.”

Good luck!

Attach down pipes securely – even when space is tight

The New Dueker Ring Console



Stability is a big plus point of cast iron drainage pipe systems. Unlike with other pipe materials, stability, resistance to positive and negative interior pressure and the requisite reliability in the event of temperature fluctuations in or around the pipe are automatically guaranteed. These properties allow simple and cost-effective attachment: for every three metres of pipe length, two standard clamps with a rubber insert are sufficient, regardless of nominal diameter or alignment. Consequently, all current requirements in terms of sound insulation, compensation for length expansion, pressure resistance and stability are fulfilled.

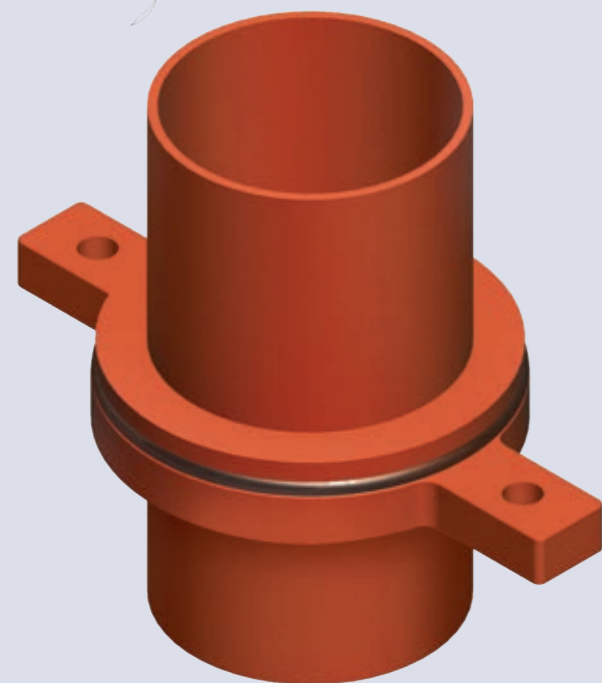
In addition, only the weight of the down pipe has to be cushioned at certain points via a down pipe support. Usually, this is only necessary above the basement ceiling, but it is also required on every fifth floor in taller buildings.

To supplement the familiar bearing ring, which is combined with a steel mounting console, Dueker will soon be launching a new bearing ring: **the Dueker ring console.**

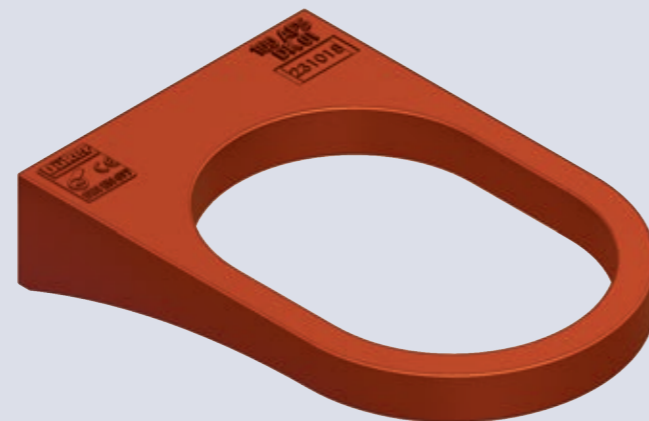


Delivered state

The bearing ring and console are “merged” into a single casting part here. The bearing ring has an oval shape, thus allowing variable adjustment of the gap between the pipe and the wall by up to 55 mm simply by aligning the round pipe in the oval. Larger wall clearances can be attained by means of spacer plates between the console and the wall.



Bearing ring with existing down pipe support



NEW: The Dueker ring console

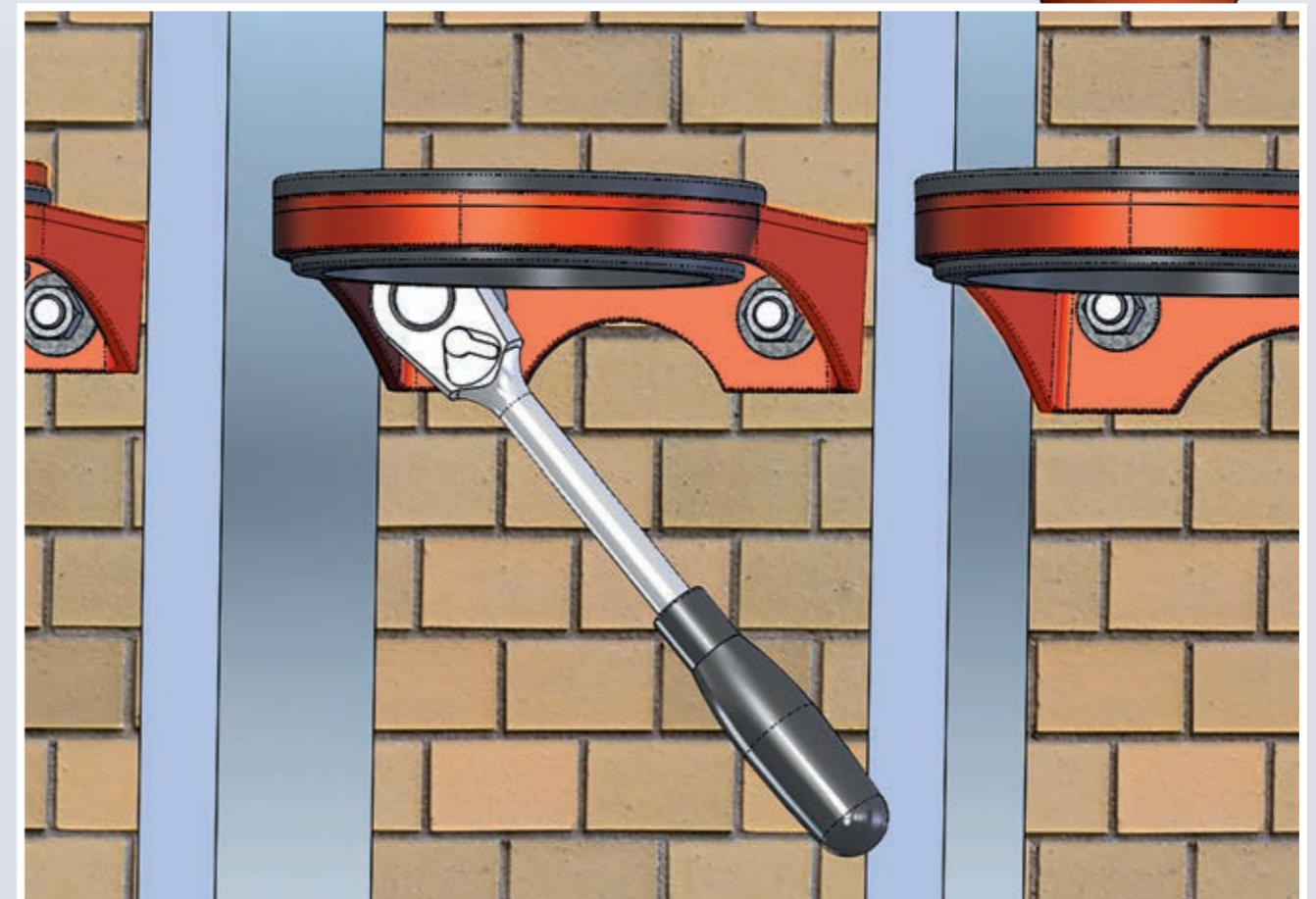
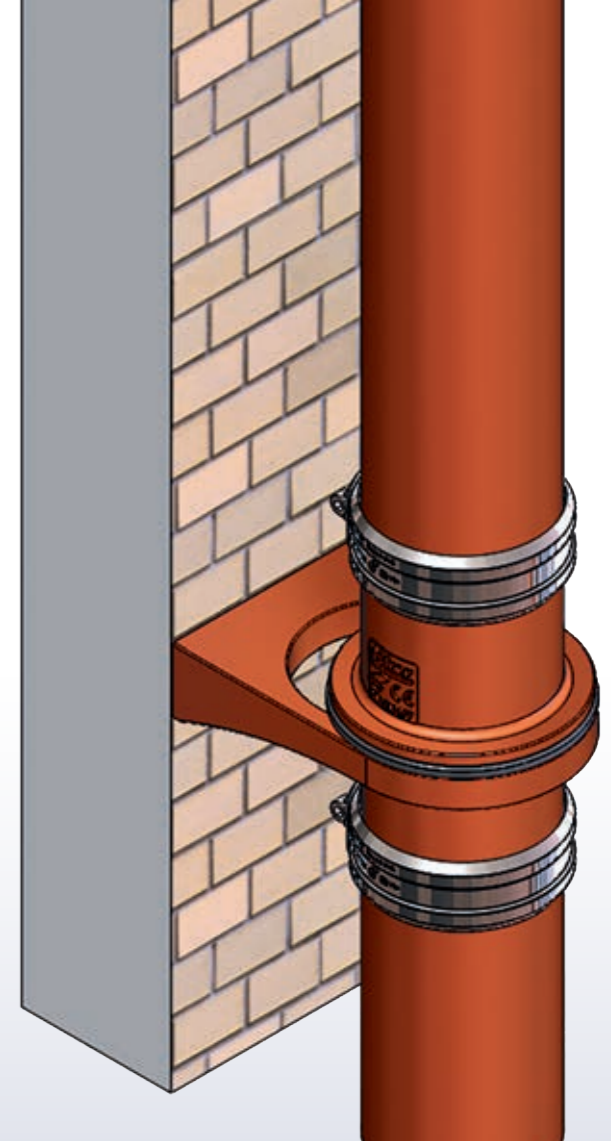
The ring console means that fewer components are required during mounting, and the separate steel console is a thing of the past. The great advantage of the ring console is that it takes up much less space at the sides than the old bearing ring. In DN 100, for instance, just 18 mm per side is required. With installation shafts getting ever narrower, this advantage cannot be underestimated.

The new ring console is supplied together with a rubber insert for purposes such as acoustic decoupling. It is the same rubber insert that is also used in the familiar bearing ring. The attachment materials – dowels and screws – must be provided by the customer, as they depend on the type and condition of the wall.

The Dueker ring console will be available from DN 50 to DN 150. If necessary, the old DN 70 can still be equipped with it, using the DN 80 casting part with the DN 70 rubber insert.

The new ring console is being launched as an alternative to the familiar bearing ring.

Ursula Vogler



Assembly



NOVO-SIT®

The NOVO-SIT® system has been installed in pipework for over 30 years now. As a dual-chamber system, it separates the restraining function from the sealing function. This eliminates compromises and ensures that each part can do its job to the full.

The usual plug-in sleeve contour and rubber seal from the TYTON® system are used for sealing.

The contour is supplemented by a conical pre-chamber. Axial restraint is ensured by the NOVO-SIT® retaining ring. The corrosion-resistant, hardened metal teeth are concentrically vulcanised into the retaining ring. With the rubber as a connecting element between the segments, the system compensates

Key data

- Socket system ⇒ angular deflection, fast assembly
- Dual-chamber system ⇒ higher pressures, bigger nominal diameters
- Sealing system as usual, additional restraining function
- No concrete abutments required
- For laying in pipe trenches, even in cramped trench conditions
- Removable
- Also compatible with universal/TIS-K sockets
- First patent application 1986/87
- A Dueker brand
- Available as NOVO-Grip® for PE/PVC pipes

for pipe ovality and angular deflections and holds the shank steady, while preserving it in the socket more than other friction-type connections. In addition, the retaining ring has a bundle that secures the position of the segments at the front end of the pre-chamber while acting as an identification ring for the type of coupling.

It has also been possible to insert the NOVO-SIT® retaining ring in the general-purpose pre-chamber from the TIS-K system for several years now. In contrast with TIS-K, NOVO-SIT® is a friction-type system and is therefore not reliant on a weld bead on the shank. So if a pipe has to be cut on the building site, this presents a significant advantage in terms of assembly time.

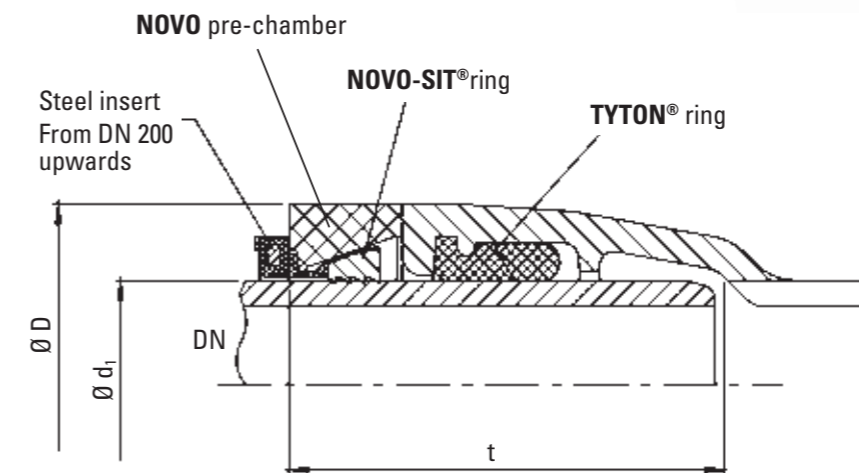
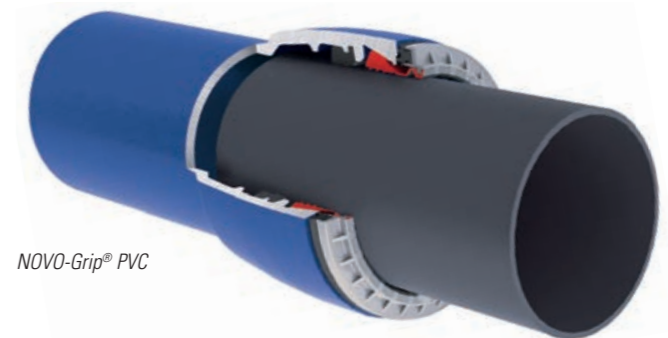
As with all thrust-resistant systems, the concrete abutments can also be dispensed with in underground installations.

Dueker also supplies the right accessories for secure and straightforward assembly in pipe trenches. The recently optimised V300D laying device is provided for this purpose. The lever length can now be adjusted in such a way that assem-

bly is easily possible even in cramped conditions, such as in bends or at intersections. In addition, the laying device enables countermovement. For instance, the correct fit of the coupling is checked, and movement during pressure testing is minimised.

Even though NOVO-SIT® was designed as a perpetual coupling system, the restraining elements can be detached, and the coupling can be separated with the disassembly plate.

We recommend using the NOVO-SIT® system with enamelled Dueker fittings. With its inert properties, the enamel ensures ultra-hygienic coating. The smooth surface gives incrustations no chance. The composite layer formed in the enamelling process prevents any infiltration, even in the event of surface damage, and gives the cast iron underneath reliable and lasting protection against corrosion.



The functional principle of NOVO-SIT® does not apply solely to systems made entirely of cast iron pipes. Dueker also offers the NOVO-Grip® system, which connects the casting parts with PE or PVC pipework via the same mechanism.

Jochen Zöllner



NOVO-SIT®

Dimensions and weights											
Pressure ratings	Dimensions in mm			Number of locking segments	Allowable operating pressure PFA	Pressure class	Allowable operating pressure PFA	Pressure class	Angular deflection capability max.	Weight in kg ≈	
	d ₁	D	t							Novo pre-chamber	NOVO-SIT® ring
80	98	141	119	5	40	C 100	25	C 50	3°	1.2	0.15
100	118	161	123	5	25	C 100	16	C 50	3°	1.4	0.20
125	140	188	126	7	25	C 100	16	C 50	3°	1.8	0.25
150	170	215	129	10	25	C 100	16	C 50	3°	2.1	0.35
200	222	271	138	13	25	C 64	16	C 50	3°	3.1	0.65
250	274	324	143	18	25	C 64	16	C 50	3°	4.8	0.80
300	326	381	152	22	25	C 50	16	C 50	3°	5.7	1.00
350	378	434	154	22	16	C 50			3°	6.4	1.30
400	429	505	154	25	16	C 50			3°	8.3	1.50
450	480	572	164	28	16	C 40			3°	9.5	2.00
500	532	598	168	35	16	C 40			2°	12.0	2.50
600	635	707	168	45	16	C 40			2°	16.6	3.00
700	738	824	205	62	10	C 40			2°	29.5	3.50
800	842	934	217	70	10	C 40			1°	36.6	3.60

New Dueker Butterfly Valves

for the Sandweier groundwater works in Baden-Baden



Baden-Baden, the beautiful spa town in the Black Forest, is well worth a visit to see its famous thermal springs and baths, Lichtentaler Allee with the Gönneranlage rose garden, the casino modelled on the Palace of Versailles and many other attractions.

As well as fine wines, for which the mild climate and good soil are ideal, Baden-Baden has excellent drinking water, which the public utility company Stadtwerke Baden-Baden works day in, day out to supply to around 56,000 inhabitants.

Water for the drinking water is extracted from numerous springs in the Black Forest as well as two groundwater works in the Rhine valley.

To reduce levels of PFCs (perfluorinated and polyfluorinated compounds) and water hardness, a low-pressure reverse osmosis system with retentate processing went into operation at the Sandweier groundwater works in August 2018. A supply pipe from Hügelsheim to the waterworks was installed in a construction project. The PFC in the incoming drinking wa-

ter is removed in this system in the waterworks, and the cleaned drinking water flows back to the consumers in Hügelsheim and Iffezheim.

A Dueker DN 400 butterfly valve and a fully-enamelled T connector were inserted in the ground here. An extension column (special design) extends high into a small shaft; at the top is an AUMA electric actuator that is specially protected against moisture, e.g. if the shaft is ever flooded by heavy rain.

This solution eliminated the need to build a large and expensive shaft structure for the entire valve.

A couple of metres further on, three more Dueker butterfly valves and a pair of fully enamelled fittings were installed in the connecting pipe for atomisation into an existing shaft. Due to the cramped conditions, the constructed electric actuators were aligned in such a way that they do not collide with the structure, the adjustment elements are reachable, and position indicators are easy to read.

In the transformer house, there were two more ageing butterfly valves that were no longer watertight. Two new Dueker butterfly valves with constructed AUMA electric actuators were also installed here. In contrast with the standard version, the gears in these valves were rotated 90 degrees anti-clockwise in the factory. This is useful when installing in vertical pipes, as it means that instead of “hanging” on the gears, the electric actuators with their weight and vibrations when running are built upright, ensuring a long service life.

Further conversion measures at the Sandweier groundwater works, some of which require special versions of valves, are currently in progress.

We hope to be able to deliver again soon and would like to thank the employees at Stadtwerke Baden-Baden once more for their excellent collaboration.

Jürgen Mantel



Many “Dueker” Products in Use at Straelen Waterworks



The town of Straelen is in the far west of the Lower Rhine region, next to the Dutch city of Venlo. Straelen's utility and transport company supplies drinking water to the town of 16,000 inhabitants. With around 120 local horticultural businesses and several farms, water supply is a particular challenge there. Various local food producers and the above-mentioned horticultural businesses appreciate the outstanding quality of Straelen's drinking water.

This drinking water is sourced from seven deep wells and treated at the waterworks before being conveyed to the various drinking-water tanks and the pipe network. To convey the drinking water, the utility and transport company (UTC) relies on the non-slam check valve type 8015 made by Dueker. Because of the high concentration of iron and manganese in the untreated water, our “glassy-smooth coating”, etec

enamel, was a major reason for Mr Leo Venten, water technician at the UTC, to opt for Dueker here. In the nominal diameter DN 150, all seven wells are already equipped with the Dueker non-slam check valve.

At the heart of the “Kastanienburg” waterworks, the treatment plant, along with several moulded parts from the Dueker product range, there are numerous type 4510 butterfly valves with various nominal diameters and drive versions. Everything can be found there, from DN 100 to DN 400, from hand wheel to electric actuator. To catch the eye, Dueker delivered butterfly valves in various RAL shades to the UTC. This has the advantage of distinguishing a butterfly valve for a flushing pipe (brown) from a butterfly valve for clean water (green) at first glance. In these cases, both the butterfly valve and the associated drive were supplied in the relevant colour.



As well as an extensive and long pipeline system, Straelen waterworks has another special feature – a 42 m-high water tower. Dueker valves are also installed here. Along with numerous type 4004 butterfly valves in etec enamel, there is a drinking-water tank with a capacity of around 2,500 m³ right next to the water tower. Upstream of this tank, there is a Dueker type 7015 plunger valve with nominal diameter DN 150 in the pipe distribution level. The plunger valve enables the drinking-water tank to be filled precisely, without incurring significant pressure losses. This valve is powered by an electric actuator.

The pipe network also contains a host of Dueker products. As well as using Dueker type 4004 butterfly valves made of etec enamel, the employee in charge, Mr Heinz-Josef Janssen, also relies on the internally and externally enamelled type 305 underground hydrant. “In our view, when it comes to drinking water, there is no better coating than etec enamel”. That is the unanimous view of the UTC's employees.

In addition to date valves, moulded parts and hydrants, the UTC also uses KSGX surface boxes. Because of the local “Veiling Rhein-Maas” flower auction, lots of surface boxes on the main road have been damaged by traffic in recent years, with heavy-duty lorries and numerous tractors and cars using the road on a daily basis. “In the KSGX surface box, we have finally found quiet and a reliable solution here,” says Mr Janssen from the UTC.

At Dueker, as a manufacturer of valves and fittings “made in Germany”, we are proud that our products are used by many water suppliers and look forward to many more years of successful collaboration.

Christian Hesselmanns



Stayery Coming Soon to Cologne

The relatively new apartment hotel chain “Stayery Serviced Apartments” is expanding rapidly. Already present in Dresden, Frankfurt am Main and Mönchengladbach, “Stayery” will be coming to the Rhine city of Cologne in 2021.

Established in 2016, BD Apartment operates and develops innovative living concepts for young professionals.

The new block in Cologne’s Ehrenfeld district will contain 30 modern, fully furnished boutique apartments with kitchenette that can be booked for stays of one day to six months.

Our wholesale partner Collin KG of Duisburg is delivering approx. 30 t of pipes, fittings and couplings to the building site. ETS Efficient Technical Solutions GmbH of Wuppertal is installing the SML system components up to a nominal diameter of DN 300.

The apartment and commercial building at Vogelsanger Strasse 202 is set to be completed at the beginning of 2022. The total rentable area of approx. 5,400 square metres is divided into a student residence, 30 serviced apartments under the Stayery brand, a food discounter and small business premises. In addition, there are 54 parking spaces in an underground garage for residents of the block, as well as 30 outdoor parking spaces for supermarket customers.

Lars Junge



Lohr am Main Dueker Products at a New Boarding House

Source: Main-Post, Würzburg – Author: Peter Giessegl



In the heart of Lohr, on the premises of the now-demolished former Stumpf brewery, a modern residential and commercial building with shops, serviced apartments, rooms for doctor’s surgeries or offices and, on the top floor, apartments for long-term rent, is under construction. An underground garage with over 100 parking spaces for customers is connected to the shops via escalators.

To discharge waste water, the builders opted for a cast iron drainpipe system. GA-tec Gebäude- und Anlagentechnik GmbH of Baden-Baden won the contract to install the drainpipes and jobs.



They opted for cast iron SML and MLK-protoc drainpipes and fittings made by Dueker. Ultimately, the benefits of pipe systems made of cast iron components are well-known, and not just because of the outstanding fire protection provided by SML pipes and fittings. In this construction project, the fire protection was designed following the easing of the Model Conduit Systems Directive (MLAR). This means that after the cable ducts of the vertical SML pipes, at least 0.5 m SML was first installed in the connecting pipe and then switched to plastic pipes.

Once the complex is complete, it will certainly be a real jewel for the town of Lohr. What is more, it will provide users with a central location to work, shop or live.

However, the excellent sound insulation also makes a Dueker cast iron drainpipe system a popular choice of installed material and ensures that the offices, doctor’s surgeries and hotel rooms will not be impaired by the sound of waste water flowing through the drainpipes.

To secure delivery of all essential parts to the building site on time and in full, our wholesale partner, Richter + Frenzel Würzburg GmbH, was engaged to liaise between the manufacturer and the processor. Starting with the smallest nominal diameter, DN 50, through to the large dimensions of nominal diameter DN 250, Richter + Frenzel ensures that a reliable supply of Dueker SML and MLK-protoc to the building site is guaranteed.



Rudi Gehret

Highline Park Dresden



Following the redevelopment of the former DVB high-rise “Albert Tower” on Albertplatz, food retailer Peter Simmel has now set about its second major building project in Dresden. At Dresden central station between Wiener Platz and Budapest Strasse Bridge, a retail and commercial building with a Simmel supermarket, a hotel and office space is under construction. Completion is scheduled for mid-2021.

The hotel will take up four of the five storeys. Operated by the Meininger Hotel Group, it will be the largest hotel in Dresden, with 704 guest beds. The gross floor area will eventually amount to 7,600 m².

Jurisch Haustechnik GmbH of Kamenz won the contract to install the heating, ventilation and sanitation systems. Tendering and project management are handled by Peschke Bau- management, Dresden.

Via our wholesale partner, Mainmetall Bretinig-Hauswalde, we have delivered approx. 4,000 metres of Dueker SML pipes plus fittings and associated connectors. Close cooperation between Dueker and Jurisch started back in the project preparation phase.

Particular requirements in terms of fire protection had to be planned and implemented here. To this end, Dueker instigated a new development, the WC DN 80 pipe with a length of 400 mm (item no.: 663724). This presented the best possible solution to the construction-related challenges. Approx. 170 of these new WC pipes have been installed in the property in total.

■ Bernd Krause
Regional sales management North/East

Brisk Construction Activity in Moscow

“Business Park ROSTEC City” is currently taking shape on the 65 ha site of the former Tushino airfield in northwest Moscow.

Rostec is a name that may be familiar to some readers. It is a Russian state-owned company, the umbrella organisation for 14 holding companies with approx. 700 industrial companies in total. The centrepiece of the new business park will be the future Rostec headquarters.

However, the construction project is even more extensive. In addition to the impressive administrative building, there will be a modern, urban space with commercial premises, residential buildings and sport and leisure areas. In total, twelve low-rise and medium-rise buildings are being constructed in the first phase, forming an octagon around a plaza where the 25-storey Rostec administrative building is situated. They also include an exhibition centre and a helipad.

Fire protection is an important and complex issue in a building complex of this kind. Drainpipes run through all storeys, meaning that special attention has to be paid to preventive structure fire protection. So the decision to use non-combustible cast iron drainpipe systems at Business Park ROSTEC City came as no surprise.

Along with our Russian customer, Dueker was awarded this project, and has delivered approx. 200 t of cast iron drainpipe systems to date.

■ Gerald Werner



Business Park ROSTEC City
Developer: Vi Holding Development
Contractor: Renaissance Construction
Completion: 2021



ASPH – Afghan State Printing House

State printing house in Afghanistan



The groundbreaking ceremony for the new Afghan State Printing House, financed in a cooperation between Afghanistan's Ministry of Finance and the German Society for International Cooperation (GIZ), was held in 2018. The entire project is being implemented in line with German guidelines, and planning and monitoring are also being carried out by Julius Berger.

In future, it will be possible to produce high-quality printouts, certificates, security-relevant documents and ID cards there in a tamper-proof manner in line with international standards. Afghan security agencies and the public administration expect it to result in simplified and reliable processes as well as easier personal identification.

On account of the very high quality requirements, we at Dueker, in tandem with our partner KMTLS Kabul Mirzad Trading and Logistic Services, were able to supply high-quality MLK-protec pipes, fittings and couplings for this project of national importance.

Thomas Eckel

Water and Infrastructure Projects in Qatar

Via our Partner Trouvay & Cauvin in Qatar, we have supplied ductile fittings to various projects in recent months.

Umm Al-Houl is one of three economic zones currently under development in Qatar. This economic zone is likely to be practically a standalone city by 2030. The industrial estate project is expected to provide approx. 60,000 people not only with jobs, but also with living space, leisure facilities, shops and everything that goes with this. Planning is being overseen by the consultant EGIS in conjunction with ECG Engineering Consultants Group S.A.



The final vision for Umm Al-Houl

The most important thing is to create the infrastructure for all these people and systems. Along with energy supply and telecommunications, this also includes water supply and disposal. Dueker ductile cast iron pipe fittings will make a key contribution to water supply in the future.

Infrastructure has also had to be created for Al Wakra Logistics Park. As the name suggests, Al Wakra will be a centre for logistics services and will complement the airport and seaport to ensure transportation of goods by air, water, road and rail in the Doha region, including with regard to the football World Cup in Qatar, planned for 2022. Under the supervision of the consultant Dorsch Qatar, the engineering firm ByrneLooby planned a drinking-water network covering approx. 26 km and a drinking-water reservoir with a pumping station.

Ductile fittings made by Dueker were also used in phase 1 here.

Another major project is a sewage treatment plant for the Doha industrial zone, awarded by Ashghal, the public works authority in Qatar. The Indian company Larsen & Toubro (L&T) Constructions received the contract for planning and construction of the sewage treatment plant. The consultant is the France-based international company EGIS.

Dueker fittings are being used in the current construction phase III A of this project.

Gerald Werner



Dueker Standard in Hong Kong

Düker News

Düker in China

SUCCESSFUL HANDOVER IN HONG KONG



HONG KONG
The financial hub and special administrative region of Hong Kong in southern China has been the most important Asian sales market for Düker drainage systems "Made in Germany" since the 1990s.

PARTNERS
We have had a new, exclusive trading partnership for Düker in Hong Kong and Macao since mid-2020.

PRODUCTS
SML, SEASIDE & MLK
Düker technology is used for a host of major projects and in housing construction in Hong Kong and Macao. To help keep lead times short, there are dedicated warehouses for the entire product range.

TYPICAL INSTALLATIONS
In housing construction, all drinking-water and drainage systems are installed outdoors. Due to the pressure ratios and the acoustic properties, only cast-iron drainage systems are used in the lower storeys of the buildings, which can be up to 70 storeys high.

Düker in China – Hong Kong

1

Düker News

Kembla HK

Successful partnership

Our trading partner is a full-service provider of supply components for sanitary installations and air-conditioning systems.

Established in 2006, the company now operates with approx. 100 employees, two sales offices in Hong Kong, and headquarters in Wan Chai (pictured right) with around 20,000 m² warehousing space and approx. 4,100 products.



CLEMENT TSANG
Managing Director at our trading partner

"By supplementing our product range with Düker's systems, we believe that we are ideally positioned for the future, as we will be evolving from a retail-only business to a provider of all-round technical solutions. In Hong Kong, Düker has been well-known and respected among property-development companies, planners and exporters as a premium brand for several decades. Here too, Düker sets the gold standard and is much in demand. For instance, we have already landed many new projects for Düker in the first few months of the collaboration".

"Düker has been setting the standard in drainage technology in Hong Kong for decades now"




Düker in China – Hong Kong

2

Düker News

Expansion of the international airport

SML APPLICATION

The expansion of Terminal T2 of the international airport is currently one of the biggest infrastructure projects in Hong Kong.

The planning agency Gammon Engineering & Construction Company Limited ("Gammon") is handling the planning and execution of this mega-project, managing all activities from the construction site headquarters. Gammon is relying on Düker drainage technology "Made in Germany" to successfully deliver the EUR 1.38 billion major project. The effective Düker cut-edge protection provided by the Düker pro-cut tape was particularly important to the planners here. It was used for the first time in Hong Kong in this project.





Düker in China – Hong Kong

3



With hand and heart Visiting Dueker

A common response among people asked about their stand-out Dueker experience is: "It was the factory tour." Foundries in Germany are something of a rarity these days. The instinct for quality, the handiwork, the whole work process: it all seems somewhat elemental, almost archaic. Yet Dueker can be at its most exciting where things are not obviously "hotting up". It is apparent here that, far from being archaic, Dueker is truly modern. In tune with the times. Ready for the future. But let's start at the beginning. At the factory gate.

Our factory tour starts in Laufach. Factory tour? After a year of COVID-19, the very phrase sounds strange. They are back on hold at the moment. However, six months ago, before the second lockdown, factory tours were still possible. At Dueker, a factory tour is actually a journey through time. Even at the entrance, Laufach plant manager Michael Berninger takes visitors back to the origins of the factory. It all started 552 years ago. Back then, in 1469, work centred on digging for copper and iron at the nearby, long-disused mine. The foundry arrived in 1540. These days, in the entrance hall, visitors can see what it has become. Fittings and valves made from ductile cast iron are produced here. Fully enamelled surface

hydrants in vibrant colours radiate irreplaceable relevance. There are products for civil engineering and premium solutions for water supply in the Flow Control division.

"Full enamelling," says Michael Berninger, "to this level of quality is something only we can do here at Dueker". He says it with pride. You can see it in his face. He started here after his training and his degree. Let's see what happens, he thought at the time. And then he stayed. For over 30 years. He went on to become plant manager. If you're drawn here, you can't bring yourself to leave. He says this – and you can sense it.

We can also sense it in the employees we meet. In the Design department, at the computers where the plans originate in CAD programs and then take shape in the pattern construction shop and the core-making shop before being cast in the moulding plant and the hand moulding shop and finished in the fitting machining shop.

Yet the centrepiece of production is still to come. It is the above-mentioned enamelling, which comes at the end after

cementing, coating and powder coating. Even after the carefully tended enamelling, which Michael Berninger shows from a distance, the fittings and valves made of ductile cast iron are still not finished. "From here, they go to the main factory in Karlstadt, where assembly, quality testing and dispatch are carried out." Around 12,000 tonnes of ductile cast iron leave the Laufach plant each year and are delivered to customers after being finished in Karlstadt.

We follow the fittings and valves on their approx. 45-minute journey to Karlstadt. Here, at Dueker's headquarters, next to the assembly shop for fittings and valves, is the foundry for grey iron in the Drainage division. At the time of the tour, the plant manager is Klaus Geis – like Michael Berninger, a real stalwart, a real Duekerite, as the employees like to call themselves. Very friendly yet extremely authoritative, Klaus Geis points out that all rules and regulations put in place for factory visits must be adhered to.

As in Laufach, there is also this special aura in Karlstadt, a sense that the staff have confidence in their abilities: the experience that it takes to make excellent cast iron products. Hand and heart. Practical skill and a degree of passion are absolutely essential. Both pervade the long pathways across the large company premises that take us from the pattern construction, core-making and melting shops through the moulding plant, fettling shop and SML fitting coating shop to the mould processing shop and the centrifugal casting machine.

Here too, a natural fascination emanates from the casting process itself – from the heat, the fire, the temperature and the people who work here and take out something wonderful. The yard full of goods, the logistics centre, bears witness to this. After all, a lot has been going on over the last year here, too. Over 20,000 tonnes of grey iron are produced here.

At the end of our factory tour, we meet Oliver Kraxner, managing director, who has taken Dueker in new directions since 2018, seeing them transition from a dedicated supplier of cast iron products to a provider of premium solutions for water supply and disposal. He explains where the journey is going. "Here at Dueker," says the managing director, "we aim to become the reference provider in water supply and disposal".



And suddenly, we notice that what we have visited is not just a foundry, but a company with lots of plans. A company with a future.

As Dueker has impressively shown for several centuries, the company has the staying power required for this. What lies ahead is exciting. We certainly think so.

Two plants. One company. And lots of plans. Dueker has much in mind.

Christoph Siwek

Dueker supports local association work

Sponsorship Competition: Four Lots of EUR 550 for Associations in Laufach and Karlstadt to Give Away!

In its anniversary year, Dueker has relaunched its competition for associations. Dueker intends to promote regional associations and organise an association competition again this year. In both Karlstadt and in Laufach, we plan to give two associations €550 each.

To give each of the local associations a chance to win this money, we are arranging a little competition: the associations will be asked to submit a description of their project to Dueker by 1 October 2021. A jury will select two interesting projects per location. The money will be handed over in October 2021.

We are particularly keen to hear about projects or measures that are in tune with our goals: the environment and sustainability, social involvement and support for young people.

Theme of our association funding

- Getting safely through the pandemic – projects and measures to preserve association life

Who can take part?

- All associations based in the towns of Laufach and Karlstadt and their districts

What has to be submitted?

- A brief presentation of the association etc. with the association's name, base, objectives, foundation date and number of members
- A brief description of the planned project and measure and their objectives and schedule

Where must the documents be submitted to, and when?

- By e-mail to communication@dueker.de
Subject: Association competition 2021

We are already looking forward to hearing about your interesting and creative projects!

Long-service Anniversaries

In the past year, employees in Karlstadt and Laufach have celebrated 25, 30 and 40 years of service at Dueker. Due to the challenging COVID-19 situation, it was sadly not possible to congratulate them in person at a special ceremony.

Therefore, the management and workforce expressed their congratulations in a letter sent out with the anniversary certificate.

Anniversaries:

25 years

Karlstadt: Viktor Kuxhausen, Christian Guntrum, Frank Schüssler

Laufach: Juri Frank, Ekrem Kirkaya, Sergej Sablin, Stefan Fey

30 years

Karlstadt: Bernhard Weidl, Bernd Krause, Johann Gresser

Laufach: Lothar Herzfeld, Bernd Kolitsch, Garip Kirkaya, Maurizio Cirillo, Mustafa Kilic, Karla Schab, Erdal Öztürk, Gerd Samland, Cetin Kengel, Ünal Öner, Tuncay Altintas, Matthias Freund, Jens Weiske

40 years

Karlstadt: Helga Hartmann, Peter Hufnagel, Stefan Jäger, Petra Balling, Jürgen Zapf

Laufach: Anton Hartmann, Franz Körner, Otto Seubert

Induction Week for New Apprentices

Eight apprentices started their training at Dueker on 1 September 2020, embarking on a new chapter in their lives. It began with a detailed induction programme in which the young people received an introduction to the company, its products, the corporate structure and the key points of the forthcoming apprenticeship. Plant managers Klaus Geis and Michael Berninger welcomed the new colleagues on the two induction seminar days. Messrs Josef Hartmann and Tim Schmidt gave the new apprentices detailed information on the forthcoming apprenticeship.

■ Johann Gresser



Mr Josef Hartmann conducted a tour of the Karlstadt and Laufach sites to give the new apprentices insight into the respective production processes.

The following have started their training at Dueker:

Karlstadt plant:

Jonas Goldbach Electronics technician
 Cayli Furkan Foundry mechanic
 Burak Canavar Metal technology specialist
 Paul Dill Industrial mechanic

Laufach plant:

Raphael Polloke Technical product designer
 Eray Eker Industrial mechanic
 Lukas Wissel Bachelor of Engineering
 Tayfun Özdemir IT specialist

We wish our new apprentices every success in their vocational training and hope they enjoy their time with us.

Final exams of apprentices in 2020

A total of eight apprentices passed their final exams in their chosen occupations in winter 2019/2020 and summer 2020. On account of this success, the graduates gained the status of specialist in their field. The management team, the plant managers and the HR department thanked the candidates for their hard work in the form of a good-luck letter, as the usual completion ceremony could not be held due to the COVID-19 restrictions. The successful candidates were:

Karlstadt plant:

Tino Trenner Foundry mechanic
 Oliver Schönmayr Industrial mechanic
 Louis Kunkel Industrial manager
 Endres Dominik Industrial manager

Laufach plant:

Tim Gensler Industrial mechanic
 Luca Fischer Electronics technician
 Caner Aytac Foundry mechanic
 Seydiamed Sahin Foundry mechanic

We wish the young specialists all the best and every success in their future career.



Die Krankenkasse für Ihre Gesundheit

Dear readers!

Activity and healthcare pay off double for you – with our FitPlus bonus schemes. Because when you do something regularly for your health, as well as keeping fit, you receive bonus payments from us for your health-conscious behaviour. And both you and your children can join in our FitPlus schemes.

For the bonus schemes, legislators have opened up whole new opportunities for the health insurance funds, and we have taken this opportunity to make our FitPlus bonus scheme even more attractive to you.

From 2021, there will be two separate FitPlus modules for adults and children alike:

FitPlus health bonus

With the **FitPlus health bonus**, you receive cash for every statutory preventive measure or vaccination – no strings attached!

Have you had a check up from the company doctor, for instance? Did you attend the colon-cancer screening session? And have you taken part in the skin-cancer screening programme? If so, great! That would have netted you a bonus of EUR 30, as we give you EUR 10 for each stamp in your bonus book.

Children can get bonuses with their own book, too – as a reward for getting through a vaccination or undergoing a child's check-up, for instance. Again, there is bonus of EUR 10 for each stamp in the book.

FitPlus fitness bonus

The **FitPlus fitness bonus** involves combining two activities that help to keep you healthy.

The activities you can choose from include:

- Health courses (e.g. back health course, yoga, diet course, course on giving up smoking)
- Active membership of a sports club
- Going to the gym regularly
- Sports or hiking badges

There is also a separate bonus book for children in the FitPlus fitness bonus scheme. The children can choose from the following activities:

- Active membership of a sports club
- Health course or dietary advice
- Sports badges
- Swimming badges

If you can provide proof of two activities, you will get a bonus of EUR 50. Children receive a bonus of EUR 25 if they can provide proof of two activities.

You can find more information on our FitPlus bonus schemes and download the bonus books at www.skd-bkk.de/fitplus.

As well as our FitPlus bonus scheme, our logo is new, too, as you may have noticed already. This new logo will gradually replace the current one. It can already be found in our new bonus books and on our new homepage, for example. Take a look at the new homepage and give us a like on Facebook if you're impressed with it.

I look forward to receiving your feedback and your opinion on us.



**Best regards
 Manfred Warmuth
 Director of SKD BKK**

Busy times for the youth and trainee delegation at Dueker

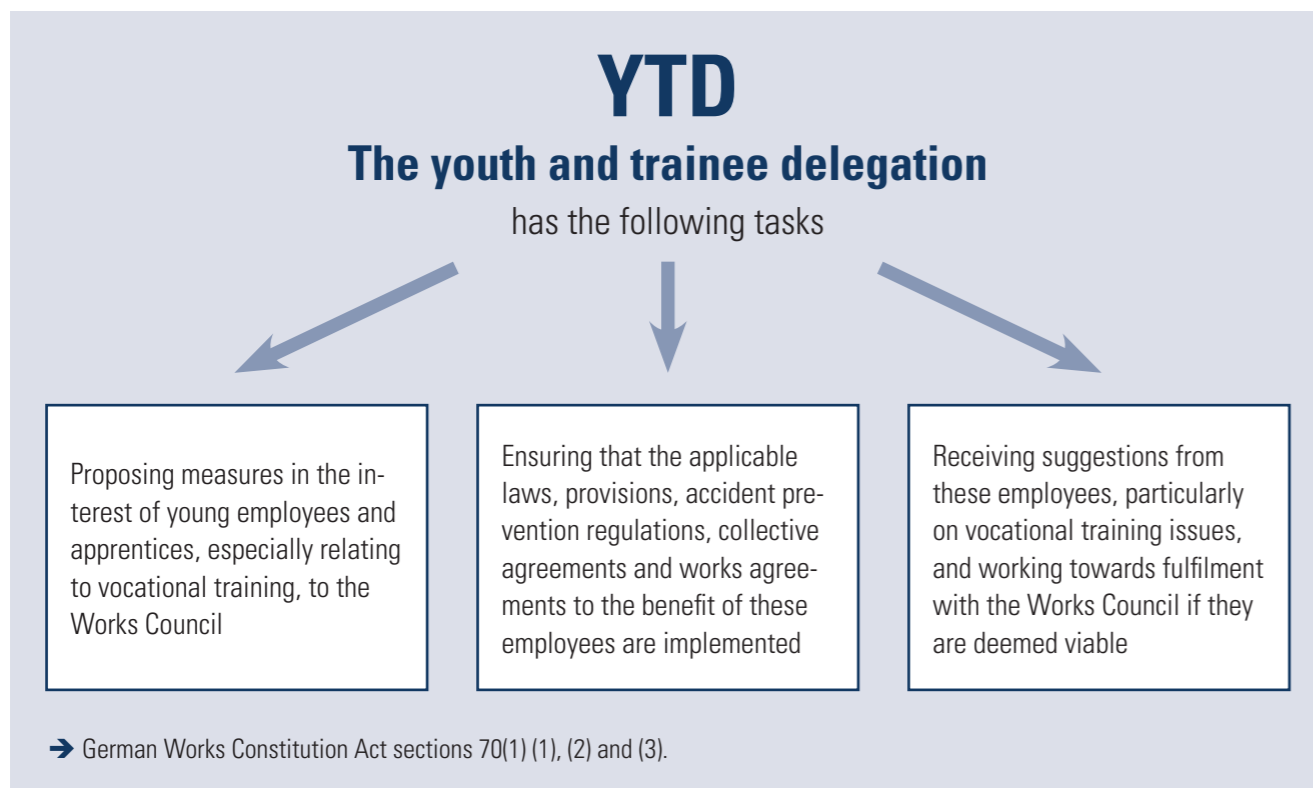
What Would I Do Differently if I Was in Charge?

The youth and trainee delegation (YTD) is part of the furniture at Dueker's Karlstadt and Laufach sites. This form of employee representation, looking after the interests of young people and apprentices, has been in place at Dueker for decades. There is a good reason why the establishment of YTD is regulated by law. The German Works Constitution Act prescribes precise regulations for when and how the YTD must be set up and elected. For instance, the Act specifies that a YTD must be elected every two years at establishments with at least five young people and/or trainees. The tasks, rights and obligations of the YTD are also set out in the law.

The next YTD elections were due to be held at the Laufach and Karlstadt plants in autumn 2020. Despite COVID-19, the relatively small numbers of people involved meant that the election meetings went ahead in suitable rooms. With appropriate distancing and hygiene measures, it was better to meet in person than to conduct the elections anonymously online or by post. Once again, committed young people, keen to deal with the concerns of young people and apprentices in a voluntary capacity, put themselves forward for election to the YTD. In Karlstadt, the hitherto deputy YTD member Simon Landsfried was elected as a new youth representative. Dennis Speelman is now serving as his deputy. In Laufach, Florian Wirzberger was elected as a new youth representative. The previous youth representative, Kilian Jodel, remains active in the YTD as a deputy.

All four have been at Dueker for a while now, and know the ropes. They know what's happening and what isn't. Therefore, they also have clear ideas of what they want to deal with and get done in the next two years as youth representatives. When asked, "if you were the managing director of Dueker, what would you change with regard to training?", they were unanimous in their reply. The advantages of decentralised training in the specialist departments should be supplemented by a central venue. Small training workshops – ideally at all sites, of course – would be especially useful for first-year apprentices. Given the positive experiences of practical training in particular, the youth representatives feel it is important that the apprentices can also learn outside the specialist departments and plants. Particularly when there is no pressure from production staff looking over their shoulder, they can then learn without interruption and learn from mistakes that may not have immediate effects on production. The traditionally outstanding collaboration between the youth representatives and the Works Council, training supervisors and the management team means that everyone involved can be expected to keep on working in a constructive, target-oriented way for the good of the young people and apprentices.

■ Stefan Rümmer

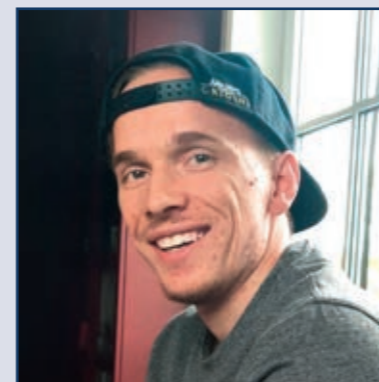


"As a youth representative, I want to be a contact for everyone, someone whom people with problems feel comfortable to turn to in confidence. I enjoy working with people and training at Dueker, which is why I stood for election."

Florian Wirzberger, YTD, Laufach

"I think that the open relationship between apprentices and trainers works especially well when training at Dueker. I would improve the range of internal and external courses. We could do even more here at Dueker."

Kilian Jodel, YTD deputy, Laufach

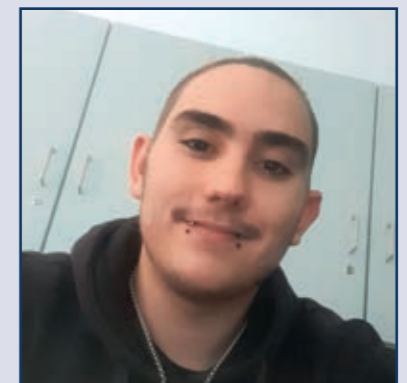


"During my apprenticeship, I noticed that Dueker provides a very sound basis for professional success for young people. I want to help the apprentices to feel at home here, learn things, and pave the way for them to have a successful career at Dueker."

Simon Landsfried, YTD, Karlstadt

"The practical training makes us something special. Apprentices are integrated in the team very quickly here, and they become part of the Dueker family. Transfer of the business apprentices to multiple production areas could and should be extended further. This is a major ambition that I would support."

Dennis Speelman, YTD deputy, Karlstadt



Employee anniversaries

45 years

Gerhard Haas K
Moulding plant

Helmut Lamprecht K
Melting shop

Robert Schäfer L
Processing

35 years

Dorothee Fleckenstein K
Sales

Christian Fries K
Quality management

Achim Michler K
Maintenance/mechanics

Mathias Hamm K
Goods receipt/storeroom

Matthias Büdel L
Pattern construction technology

Stefan Staab L
Pattern construction technology

Ömer Güler L
Moulding plant

Georg Rothenbücher L
Processing

Erhan Kasap L
Core production

Ilyas Sahin L
Core production

Stefan Wirzberger L
Core production

Ercan Kaplan L
Core production

30 years

Helmut Kallenbach K
Casting finishing shop

Sandro Fritschler L
Hand moulding shop

Jürgen Schellner L
Hand moulding shop

Renato Steglich L
Hand moulding shop

Thomas Rossberg L
Hand moulding shop

Taner Öner L
Core production

Suat Öner L
Core production

Joachim Kiel L
Coating

Zekeriya Kayaer L
Processing

Rasim Bayri L
Coating

Olaf Graupner L
Moulding plant

Recai Coskun L
Moulding plant

Matthias Bartzsch L
Quality management

25 years

Viktor Dauer L
Core production

Alexander Trost L
Core production

Jakob Schneidmiller L
Moulding plant

20 years

Michael Strohmenger K
Maintenance/mechanics

Mirco Burger L
Maintenance/electrics

Enzo Cirillo L
Melting shop

15 years

Arthur Schönmayr K
Moulding plant

Alexander Wurm K
Maintenance/electrics

Lena Zierold K
Sales

Andreas Geis K
Assembly

Andreas Mattausch L
Pattern construction technology

Stefan Riedmann L
Production planning

10 years

Sandro Fröhlich K
Maintenance/mechanics

Alexander Zink K
Maintenance/mechanics

Jürgen Mantel K
Sales

Turkan Ciftci L
Melting shop

Mustafe Halilaj L
Coating

Births

Henri L
Alexander Franz

Amelia L
Raffaele Cirillo

Emilia L
Benedict Stenger

Alper L
Mehmet Ikinici-Sahin

Mila L
Przemyslaw Serek

Letty L
Mathias Eckert

Anna L
Daniel Büttner

Annika L
Stefan Riedmann

Hannes K
Dominik Maudrich

Ella K
Stefanie Wenisch

Sophia K
Steffen Brecht

Marriages

Canali Icen L
& Angelina Pfirsching

Christopher Andres L
& Marisa Seitz

Dominik Rudolph K
& Wanda Kunz

Christian Keller K
& Lisa Hessdörfer

Departures

Employees heading into retirement

Mr Alfons Staab K
47 years' service

Mr Hüseyin Toka K
44 years' service

Mr Klaus Geis K
37 years' service

Mr Thomas Reusch K
48 years' service

Mr Wolfgang Kirsch K
29 years' service

Mr Herbert Rausch K
17 years' service

Mr Hubert Hessler L
47 years' service

Mr Günter Schüttler L
49 years' service

Deaths

The following employees have sadly passed away

Ottmar Scheb K
Ingeborg Brandstetter K
Peter Stillich K
Stefan Staab K
Manfred Reusch K
Ludwig Volpert K
Adolf Staab L
Oskar Breitenbach L
Theodor Becker L
Hüseyin Hatipoglu L
Horst Dahlemann L
Hans Schäfer L
Werner Wittek L
Karl Göbig L
Oskar Staab L

We extend our deepest sympathy to their families.

They will always be in our hearts.

YOU WILL RECEIVE THE NEXT EDITION OF DUEKER NEWS DIGITALLY. REGISTER HERE NOW.



You will receive Dueker News digitally in future.
Register here now: just scan the QR code
or click on this link:

WWW.DUEKER.DE/NACHRICHTEN

DÜKER GMBH

Würzburger Str. 10-16
D-97753 Karlstadt am Main
T +49 9353 791 0
info@dueker.de
www.dueker.de



EXCELLENT.
WATER.
SOLUTIONS.