

ENGINEERING IS OUR DNA

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burkle.tech



BURKLE

Surface & Woodworking Technologies

→ Customized coating, press and automation technologies

ENGINEERING IS OUR DNA

Dear readers,

Innovation arises where passion meets new ideas. This idea is deeply anchored in the BÜRKLE DNA, and that's why we have been setting standards in surface technology, press technology and automation for decades. Our aim is not just to build machines, we aim to develop customized solutions that make our customers more successful in the long term.

In a world characterized by increased efficiency, digitalization and sustainable production, we are actively shaping progress. Our business unit combines the most modern machine, process and control technology to offer our customers a real competitive advantage. From fully automated production lines and IoT-supported manufacturing processes to energy-efficient coating technologies - our engineering stands for the highest quality, flexibility and future-proofing.

But innovation is more than just technology. At BÜRKLE, we are driven every day not only to meet customer requirements, but also to provide tailor-made solutions. Our interdisciplinary team of engineers, technicians and automation experts works every day to develop solutions that make your production more efficient, more sustainable and more economical.

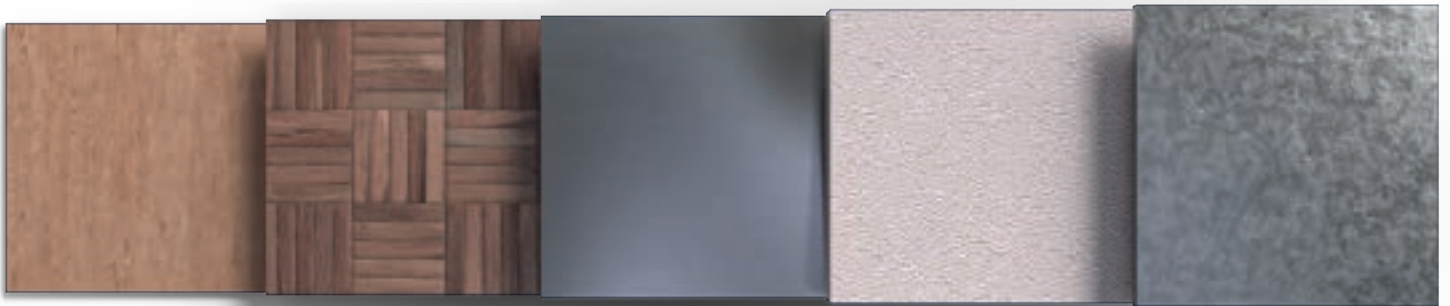
We invite you to find out more about our technologies, our expertise and our vision for the future in this brochure. Let's take the next step towards successful, automated and sustainable production together - because Engineering is our DNA.



Jürgen Schröer,
CEO, Robert Bürkle GmbH

Variety that connects - your branches, our portfolio

Whether **wood, metal, concrete, automotive or plastics**, BÜRKLE's broad portfolio offers customized solutions for a wide range of industries. With our many years of experience in laminating, coating, pressing and automation technologies, we support our customers in branches such as the furniture and door industry, the parquet, LVT and concrete industry or the wood-based panel industry. Our aim is to develop leading machine and system solutions that are precisely tailored to the requirements of the respective markets - for efficient, sustainable and future-proof production.



Our industries

- Automotive and caravan industry
- Concrete industry
- Facade and insulation board industry
- Graphics industry
- Wood-based panel industry
- Metal industry
- Furniture industry
- Parquet industry
- Joinery and interior design businesses
- Door industry
- LVT industry

We offer

- Test and development environment in our Tech Centers
- Project and application-related consulting
- Design and engineering of your line
- Holistic project planning and implementation
- Tailor-made IoT systems
- System optimization and conversions
- Spare parts and after-sales service
- Service and maintenance contracts

Roller and curtain coating lines

Maximum efficiency and perfect surfaces

Precision, efficiency and consistently high quality are crucial in modern surface finishing. With roller coating lines from BÜRKLE, you can rely on innovative technology that is precisely tailored to your requirements. Our lines enable the precise and even application of coatings, fillers and other finishing materials - for perfect surfaces in the wood, furniture, glass, metal or plastics industries.

The roller coating lines from BÜRKLE impress with their high flexibility and modular customization options. From compact stand-alone machines to fully automated production lines, we offer you customized solutions for a wide range of applications. Thanks to intelligent control systems and state-of-the-art dosing mechanisms, our machines guarantee maximum efficiency, material savings and consistently excellent coating quality.

Decades of experience in surface technology mean that our roller coating lines are perfectly tailored to the requirements of every industry. The robust machine frames with vibration-damping cast parts ensure stability and durability. In addition, our quick-change system for application rollers enables easy maintenance and minimal downtime.

With a clear focus on innovation and customer benefit, BÜRKLE is continuously developing new technologies for even more precise and efficient surface finishing. Be inspired by our solutions and increase your production output with roller coating lines that set standards.





Everything from a single source

As a user, you benefit from BÜRKLE's holistic system approach: You receive all machines and technologies for your coating line from a single source - from the roller coating machine, automation and workpiece handling to the appropriate drying technology, which means for you: a consistently coordinated process, fewer interfaces, less coordination effort - and a reliable partner who understands your overall system.



At a glance: Our RCL roller coating machine.

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Our technologies

- Roller coating machines
- Curtain coating machines
- Putty application machines
- Filler application machines
- UV and UV LED dryers
- Hot and cold air dryers
- IR dryers
- Automation and conveyor technology
- Robotics



Spray coating lines

Perfect coatings with maximum flexibility

In modern industry, the quality of surface finishing plays a decisive role. BÜRKLE spray coating lines stand for highest precision, maximum efficiency and flexible adaptation to a wide range of requirements. Whether for small craft businesses or industrial high-volume production - with our innovative solutions, we enable perfect painting results with minimum material usage.

Our ROBUS series spray coating lines offer the right solution for every production requirement. The models range from the compact ROBUSeco, ideal for small and medium production capacities, to the ROBUSpro double cabin for the highest production volumes. Thanks to state-of-the-art technology, such as automated color supply systems, integrated air conditioning and precise filter systems, our systems guarantee excellent surface quality.

A special feature of our spray coating technology is its efficiency and sustainability. Thanks

to innovative overspray reduction and intelligent air circulation systems, material consumption is significantly reduced while achieving the highest painting standards. In addition, our modular solutions enable easy integration into existing production lines and ensure maximum process stability.

Whether furniture industry, door production or other demanding coating applications - with BÜRKLE spray coating lines you rely on technology that meets all requirements. With BÜRKLE spray coating technology, you benefit from a new dimension in surface finishing.

Our spray coating technology

Since entering the field of spray coating technology in 2017, BÜRKLE has established itself as a competent system provider for high-quality spray applications. With more than 50 line projects completed world-wide, we have extensive experience in the implementation of individual painting solutions - from craft businesses to fully automated industrial lines.

At the same time, we have consistently developed our drying technologies - from classic air dryers to energy-efficient UV and LED systems and multi-level drying systems. Today, we offer holistic and sustainable solutions for the highest demands in industrial spray coating.



High-performance spray coating line with flexible color change system.

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Our technologies

- Spray coating machines
- Multi-level dryers
- UV and UV LED dryers
- Hot and cold air dryers
- IR dryers
- Automation and conveyor technology
- Robotics

Insulation lines

High-performance and reliable production

The efficient processing of insulation materials requires maximum precision, reliable machines and innovative technologies. Insulation lines from BÜRKLE offer precisely this combination and set new standards in the industry. Whether for the production of XPS, EPS, XPET, PUR or PIR insulation materials - our lines are optimized for a wide range of materials and requirements.

With an extensive portfolio of machines for milling, cutting, sawing, cooling and thermobonding, we cover all important processes in insulation production. Our lines are characterized by high production flexibility, enable optimal material utilization and reduce storage space through shorter retrieval times.

Thanks to intelligent control systems and modular expansion options, our machines offer precise,

reproducible processing and can be flexibly integrated into existing production lines. Our solutions are geared towards sustainability, with unmixed products for optimum recyclability and energy-efficient production processes.

From stand-alone machines to fully automated production lines - BÜRKLE stands for quality, innovation and efficiency in insulation processing. Benefit from our many years of experience and state-of-the-art technology for your optimum insulation production.



Insulation lines from the market leader

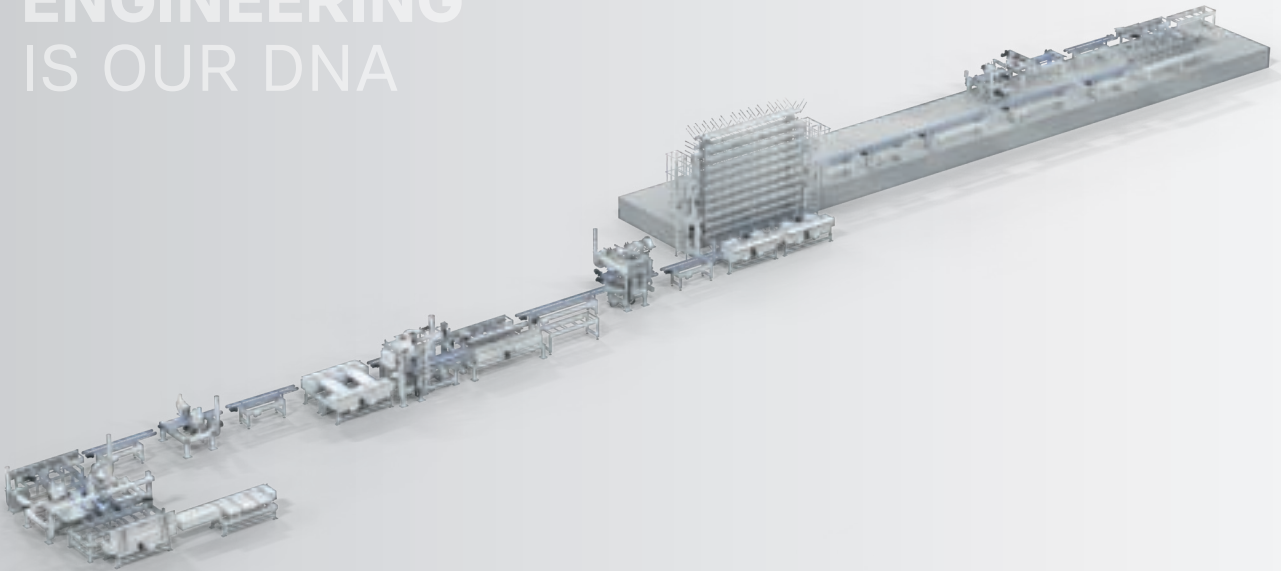
With a strong focus on modular system solutions, we pay particular attention to the continuous development of our technologies. Especially in the areas of automated handling, robotics and the intelligent networking of automation technologies,

we can make your production more efficient, sustainable and future-proof - with complete solutions from a single source.



Well thought out and fully automated: The BÜRKLE insulation lines.

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Our technologies

- Thermobonding systems
- Surface and edge cutters
- Cutting and sawing systems
- Paternoster and cooling systems
- Composite stacking systems
- Conveyor and automation systems
- Robotics

Foil laminating and PUR systems

Customized solutions for the highest demands

The requirements for modern laminating processes are as diverse as the materials themselves. With BÜRKLE foil laminating and PUR lines, you can rely on customized, highly automated and precise solutions that guarantee the highest surface quality. Whether for furniture, panels or other products - our lines enable the perfect bonding of decorative and carrier materials with maximum efficiency.

Thanks to their modular design, our systems can be individually adapted to the respective production requirements. From single-sided to double-sided lamination, from the processing of different adhesive systems to the integration of state-of-the-art automation technologies - BÜRKLE offers solutions for every production size. Our foil laminating lines and PUR coating lines process wood-based panels, insulating materials, plastics and many other materials with the highest precision.

Innovative glue application technologies and intelligent control concepts mean that our systems ensure sustainable material utilization and minimized production costs. With a wide range of glue application machines, laminating stations and a broad partner network, we can offer the right solution for every adhesive.

Discover how BÜRKLE foil laminating lines take your production to the next level - for perfect surfaces, maximum flexibility and high efficiency.



Our roots in woodworking - Core competence with tradition

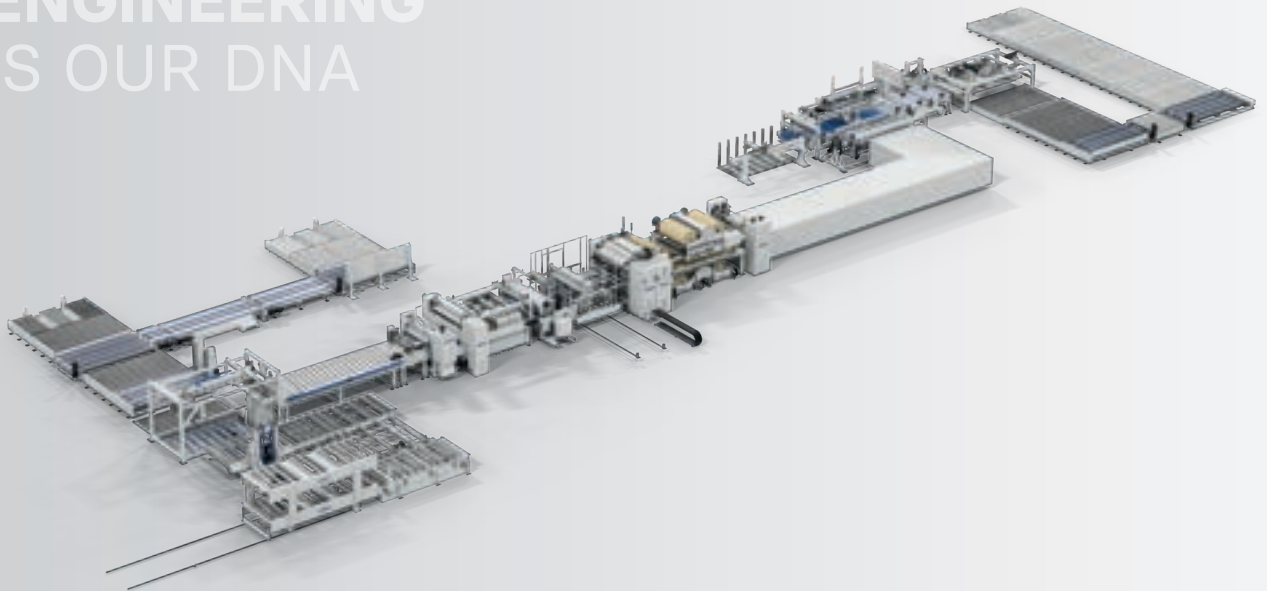
Wood processing is deeply rooted in the history of BÜRKLE - it forms the origin of our company and is still a central pillar of our portfolio today. Since our foundation in 1920, we have accompanied the development of the industry with innovations, technological precision and practical solutions. What once began with spindle veneer presses and hand tools has evolved over the decades into a state-of-the-art product and system portfolio for industrial wood processing.

Thanks to over 100 years of experience, a deep understanding of processes and a clear focus on quality and reliability, we are now a reliable partner to the wood and furniture industry - from medium-sized companies to global industrial customers.



Coating, turning, flipping: We supply you with complete systems made to measure.

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Our technologies

- PUR coating systems
- Glue and adhesive application machines
- Foil laminating stations
- Edge processing systems (via partners)
- IR zones
- Conveyor and automation systems
- Robotics



Door production lines

Future-proof solutions for door production

The demands on door production are high: precision, efficiency and flexibility are decisive for economic success. Our door production lines offer tailor-made solutions for different production volumes - from series production to batch size 1 production. Thanks to our modular system architecture, our lines can be optimally adapted to individual production processes.

As a general supplier for lay-up and pressing processes, we combine automated handling systems, glue application machines, frame production stations and high-performance single and multi-level presses in sophisticated production lines. The intelligent connection to ERP and MES systems enables end-to-end process optimization for perfectly coordinated, automated door production.

Our highly developed press technologies ensure even force distribution and perfect gluing, whether for solid, honeycomb or special doors. Thanks to precise control systems and smart automation, BÜRKLE lines ensure minimal set-up time, reduced material usage and consistently high quality.



**From the inventor of the
OPTIMA presses**

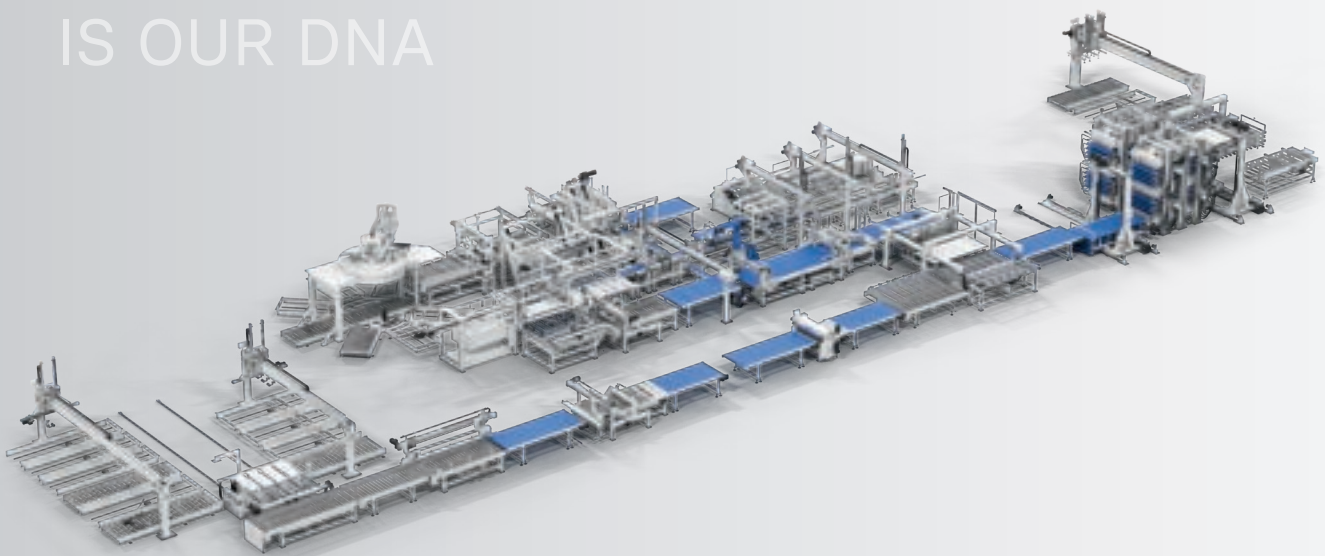
With our many years of experience from well over 100 projects, continuous further development of our technologies and a close exchange with our customers, we are able to realize efficient and future-proof door production lines. For decades, we have been

able to establish ourselves as a technology partner with in-depth practical knowledge and the first point of contact in the industry.

Choose BÜRKLE door production lines - efficient, flexible and future-proof.



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Our technologies

- Top layer production
- Bar handling and frame production
- Filler piece handling
- Glue spreaders
- Laying systems
- Single and multi-level presses
- Conveyor and automation technology
- Robotics



Parquet production lines

Innovative parquet production - efficiency and quality

Top quality, a natural look and maximum durability - this is what customers expect from high-quality parquet. To reliably meet these expectations, our customers need an efficient and precise production solution that is perfectly tailored to their production requirements. With BÜRKLE parquet production lines, you can rely on state-of-the-art technology, intelligent automation and maximum flexibility for economical and sustainable production.

From surface layer preparation to middle layer laying and pressing through to surface finishing - our modular lines accompany every step of production and guarantee consistently high quality with maximum efficiency. Automated glue

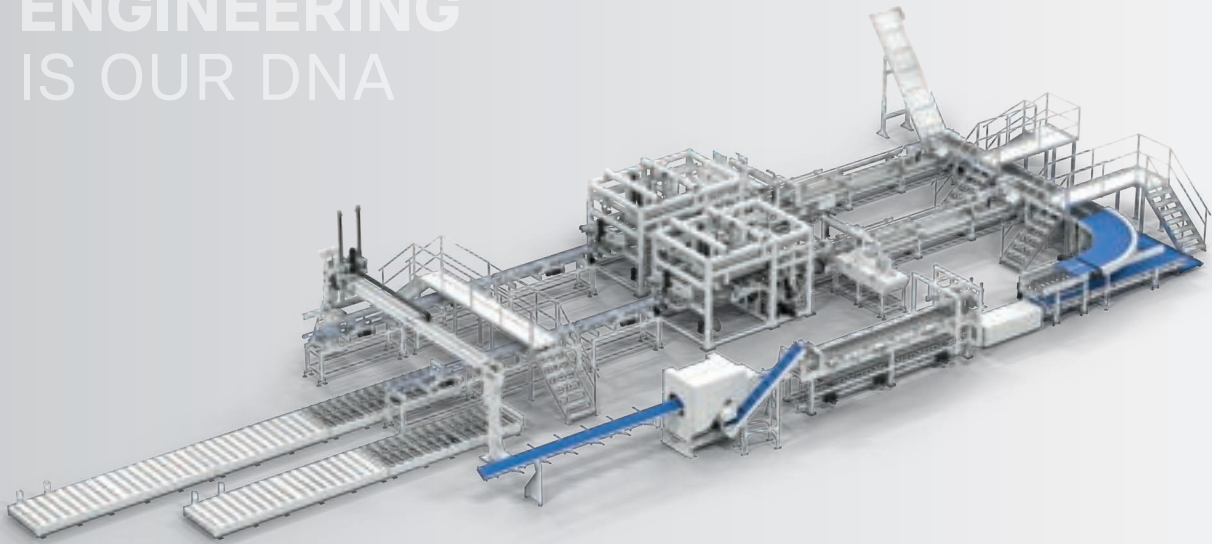
application and pressing systems ensure perfect joints, while integrated brushing, cleaning and handling systems guarantee a smooth material flow.

Do you want to future-proof your production? Our sophisticated system concepts can be flexibly adapted so that you can react optimally to market changes and increasing demand. Whether series production or individual production - with BÜRKLE you always stay one step ahead.



With our automation solutions, we ensure seamless parquet production.

ENGINEERING IS OUR DNA



Our technologies

- Top layer production
- Lamella and middle layer production
- Glue application machines
- Laying systems
- Single and multi-level presses
- Conveyor and automation technology
- Robotics

Lightweight panel production lines

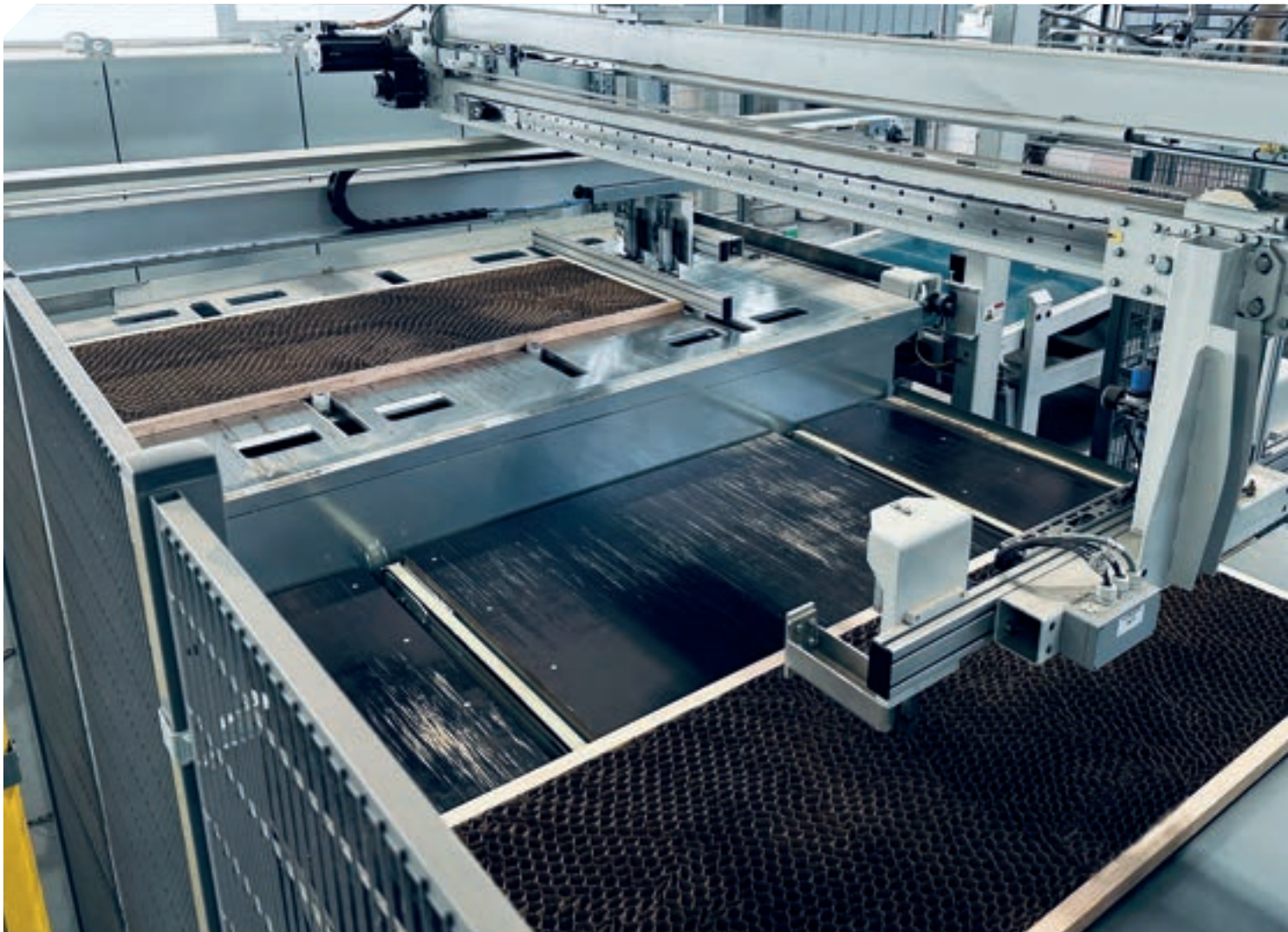
Perfect lightweight panels with BÜRKLE

Lightweight panels are the answer to modern requirements for stable, sustainable and resource-saving materials. However, their production poses particular challenges in terms of precision, material savings and process control. With BÜRKLE lightweight production lines, you can rely on a highly efficient, flexible and future-proof solution that takes your production to the next level.

From the automated laying process and precise glue application to high-quality pressing in single or multi-level presses - BÜRKLE ensures consistently high quality with maximum efficiency. With intelligent handling systems, automated stacking solutions and smart control technology, our lines

guarantee a smooth production process with minimum material usage. Thanks to seamless integration into your ERP and production systems, you retain full control over your production at all times.

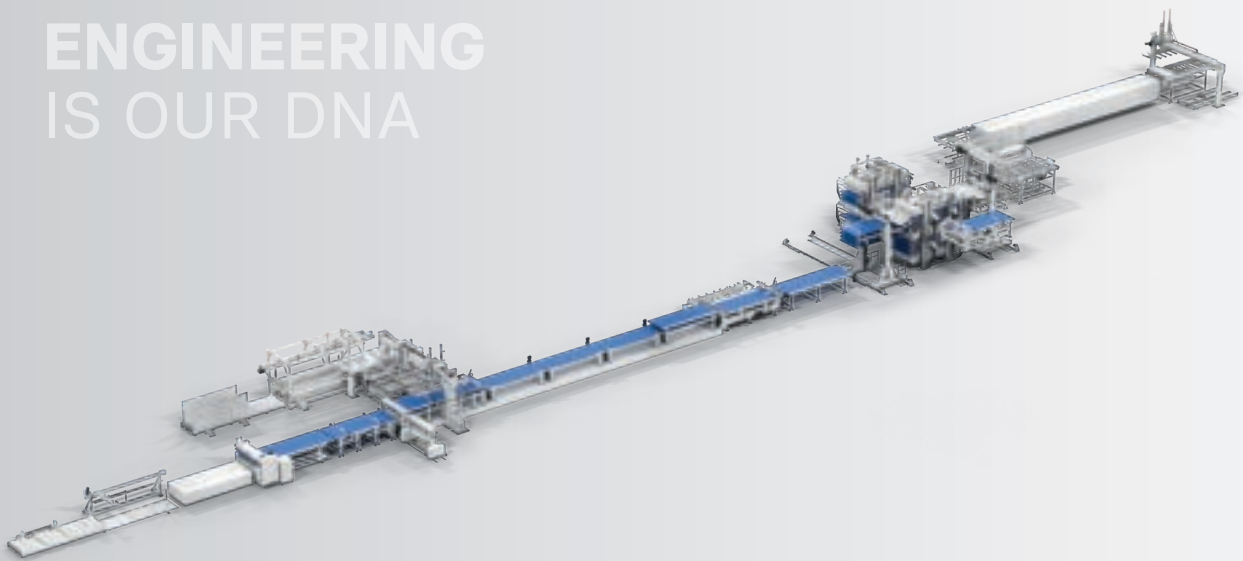
Discover how you can not only make your production more efficient, but also more economical and sustainable with BÜRKLE lightweight production lines. Build lighter, achieve more - with technology that adapts to your future.





From presses to automation technology: complete systems from a single source.

ENGINEERING IS OUR DNA



Our technologies

- Top layer production
- Bar handling and frame production
- Filler piece handling
- Glue spreaders
- Laying systems
- Single and multi-level presses
- Conveyor and automation technology
- Robotics

Throughfeed press lines

Leading press and automation technology

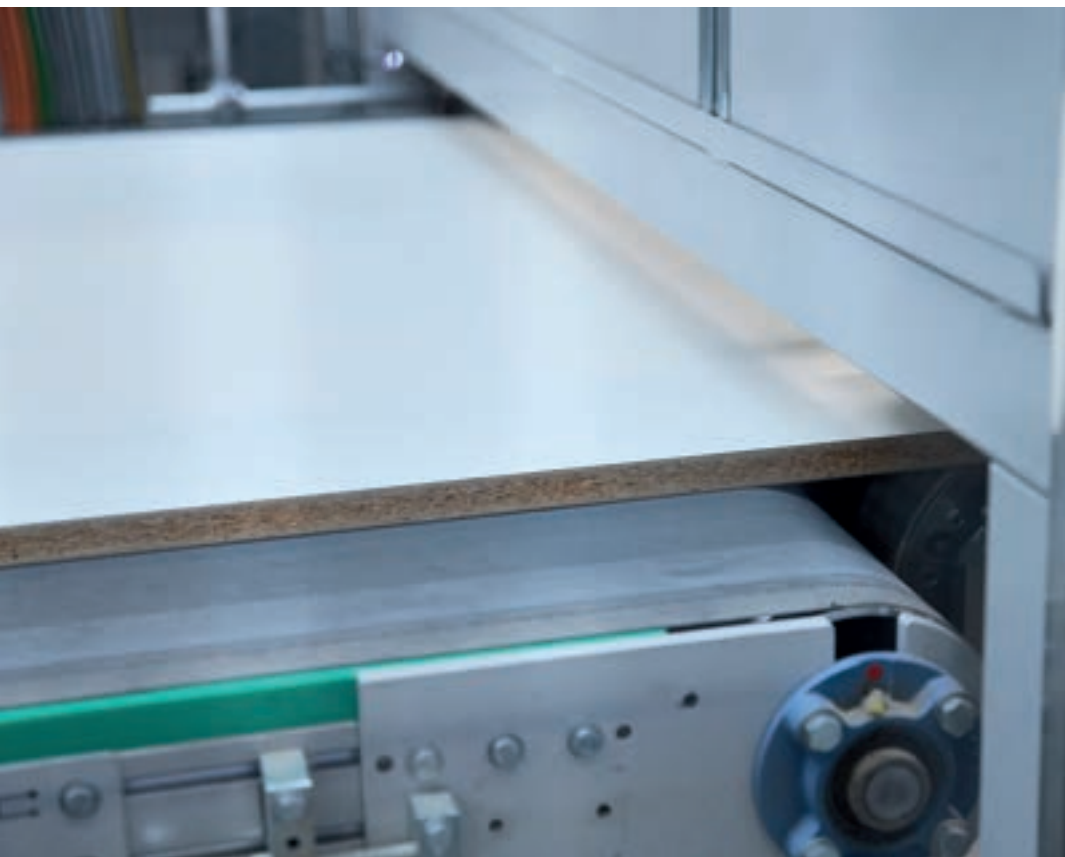
In industrial production, every detail counts - especially when it comes to the highest surface quality and efficient production processes. The BÜRKLE throughfeed press lines offer a perfect combination of modular design, intelligent control and sophisticated press technology. They are designed to process a wide variety of materials such as MDF, HDF, chipboard, sandwich elements or doors reliably and economically.

Our world-renowned ODW press technology forms the heart of every system in all applications. Whether single or multi-level presses - the specific pressure and temperature profiles ensure optimum results. Intelligent control systems and

perfectly automated processes minimize material usage and maximize production output.

With a sophisticated automation concept that integrates the latest handling, feeding and laying systems, our lines enable end-to-end process optimization. This not only increases the production speed and reliability of your processes, but also reduces the number of personnel required.

With BÜRKLE throughfeed press lines, you can rely on a future-proof solution for your production - for maximum performance and well thought-out processes.



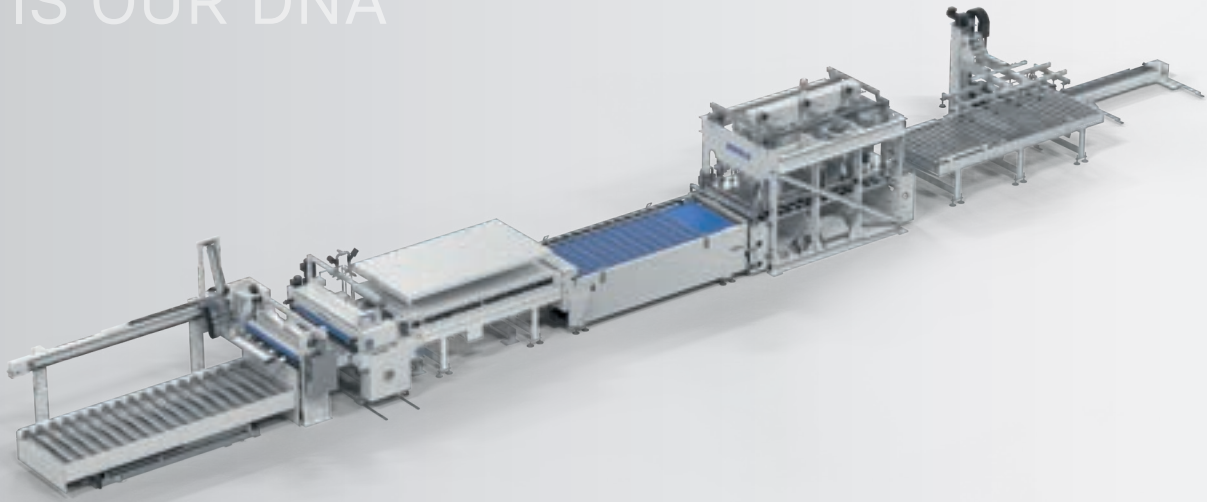
Tailor-made panel coating made to measure

Our throughfeed press lines are perfectly tailored to your production requirements. In addition to the dimensions of the core board, your gluing systems and coating materials play a key role. We think through your project from start to finish down to the smallest detail and ensure optimum production processes.



ODW press technology stands for perfect surfaces.

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Our technologies

- Throughfeed presses
- Veneer and decor laying systems
- Glue application machines
- Conveyor and automation technology
- Robotics



Automation and handling systems

Intelligent automation - increasing efficiency with BÜRKLE

In modern industrial production, automation and efficient material flows are the key to maximum productivity and competitiveness. BÜRKLE handling systems offer customized automation solutions for a wide range of production requirements. With a modular approach and state-of-the-art control technology, we enable precise, reliable and scalable solutions for the transportation, stacking and storage of workpieces.

Our portfolio includes robotic systems, portal systems, push-in systems, stacking boxes and paternoster systems designed for seamless integration into existing production lines. Our intelligent control technology ensures a smooth material flow and maximum process stability. Thanks to precisely coordinated motion sequences, we

reduce downtimes, cut waste and enable rapid changeover to new production requirements - for greater efficiency in every production phase.

With our automation solutions, you can optimize your production processes, reduce manual intervention and increase your production efficiency. Rely on future-proof technology - for maximum precision and productivity.

We keep your production moving

Are you unsure whether your processes can be automated? Then you've come to the right place.

Our experts will analyze your production processes and create suitable concepts for your requirements. You can choose from one of the largest automation portfolios in the industry.



Our vacuum portals in use. We offer a wide variety of handling systems for every requirement.

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Our technologies

- Portal systems
- Robotics
- Storage and conveyor systems
- Slide-in and stacking pits

OUR PRODUCTS

AT A GLANCE

Roller coating machines



RCL

Filler and putty application machines



RCF



RCP

Decor printing machines



DRUMA

Spray coating machines



ROBUSeco



ROBUSpro



ROBUSpro DL



ROBUSpro rotation

Curtain coating machines

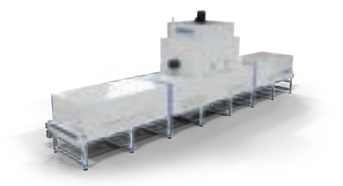


LZU

Air and IR dryers



easy-Dry VENT



easy-Dry JET



easy-Dry IR

UV dryer



easy-Cure UV



easy-Cure UV 3D



easy-Cure UV-LED

Multi-level dryer



LIFT



RACK



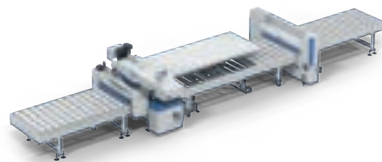
SKY

Glue and adhesive application machines

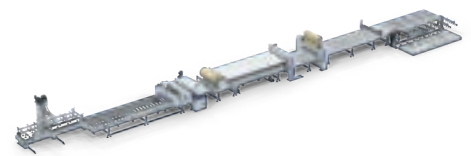


RCG

PUR coating systems



easy-Line



multi-Line

Press lines



Manuelle Beschickung

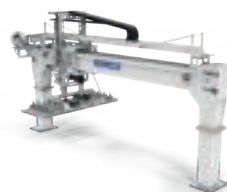


Automatisierte Beschickung

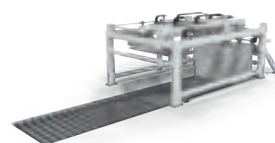
Automation systems



Robotik



Portal Systems



Stacking Boxes



Paternoster and storage systems

Service portfolio

Service expertise you can rely on

Machines from BÜRKLE stand for precision, quality and durability - and to ensure that this remains the case, we support our customers with a comprehensive service portfolio over the entire life cycle of the line. Our claim is clear: maximum availability, minimum downtimes and partnership-based support in day-to-day operations.

Whether technical support, spare parts, maintenance or retrofit solutions: With our modular service program, we offer everything from a single source. From initial commissioning through regular maintenance and inspections to the modernization of existing systems, we ensure that your system operates economically and reliably today and in the future.

With the Bürkle Remote Service System (BRSS), our international technician structure and individually tailored maintenance and service packages, we are exactly where you need us.

Your added value: predictable maintenance, reduced downtimes and a service partner who knows your machines - down to the last detail.





Performance overview

- **Quick help when needed**
Technical support and hotline
- **Quality that fits**
Original spare parts & spare parts packages
- **Immediate help available on demand**
Remote service
- **On site when it matters**
Field service
- **Planning security**
through maintenance and service contracts
- **Future for your existing systems**
Retrofits with BÜRKLE
- **Foresighted planning**
Predictive maintenance
- **One partner for everything**
Your advantage with BÜRKLE



Burkle
North America Inc.

Internationally represented

Our locations and partners worldwide

-
- **Robert Bürkle GmbH Freudenstadt**
 - Robert Bürkle GmbH Mastholte
 - Bürkle Machinery (Taicang) Co., Ltd.
 - Burkle North America Inc.
 - Bürkle Shenzhen Office
 - Burkle Asia Ltd.
 - Bürkle Hungary Kft.





As a leading global supplier of innovative machine and line technology, BÜRKLE has stood for quality, precision and customer orientation for decades. Our international orientation is a key success factor: With five of our own locations in strategically important regions - including Europe, North America and Asia - we guarantee a strong regional presence and proximity to our customers.

But our global reach does not end with our own branches. Over 30 experienced sales and service partners in the local markets strengthen our influence and ensure that our customers worldwide

always have a personal contact and fast, competent local support. Our partners work closely with our central teams and guarantee the highest quality of service in all regions.

This global network allows us to respond flexibly to individual requirements, take regional market peculiarities into account and at the same time ensure uniform quality standards worldwide.