



**SERVING**  
YOUR  
SUCCESS

# Contents

## 4-7

Brückner Servtec, the reliable service partner throughout the entire lifecycle of the film stretching lines of any manufacturer.

## 8-9

With the support of our partner Brückner Maschinenbau, we provide innovative technologies and services for the production of oriented films.

## 10-15

Our solutions for the film stretching lines of all manufacturers ensure top performance at any stage of their lifecycle.

## 16-17

In the digital era, we are making the most of opportunities to support you with our new digital solutions, giving you access to our services at your fingertips.

## 18-19

All Brückner Group companies are aware of their ecological, economic and social responsibilities. They provide solutions with a high degree of energy and raw material efficiency and are committed to finding the best ways to reduce plastic waste.

## 20

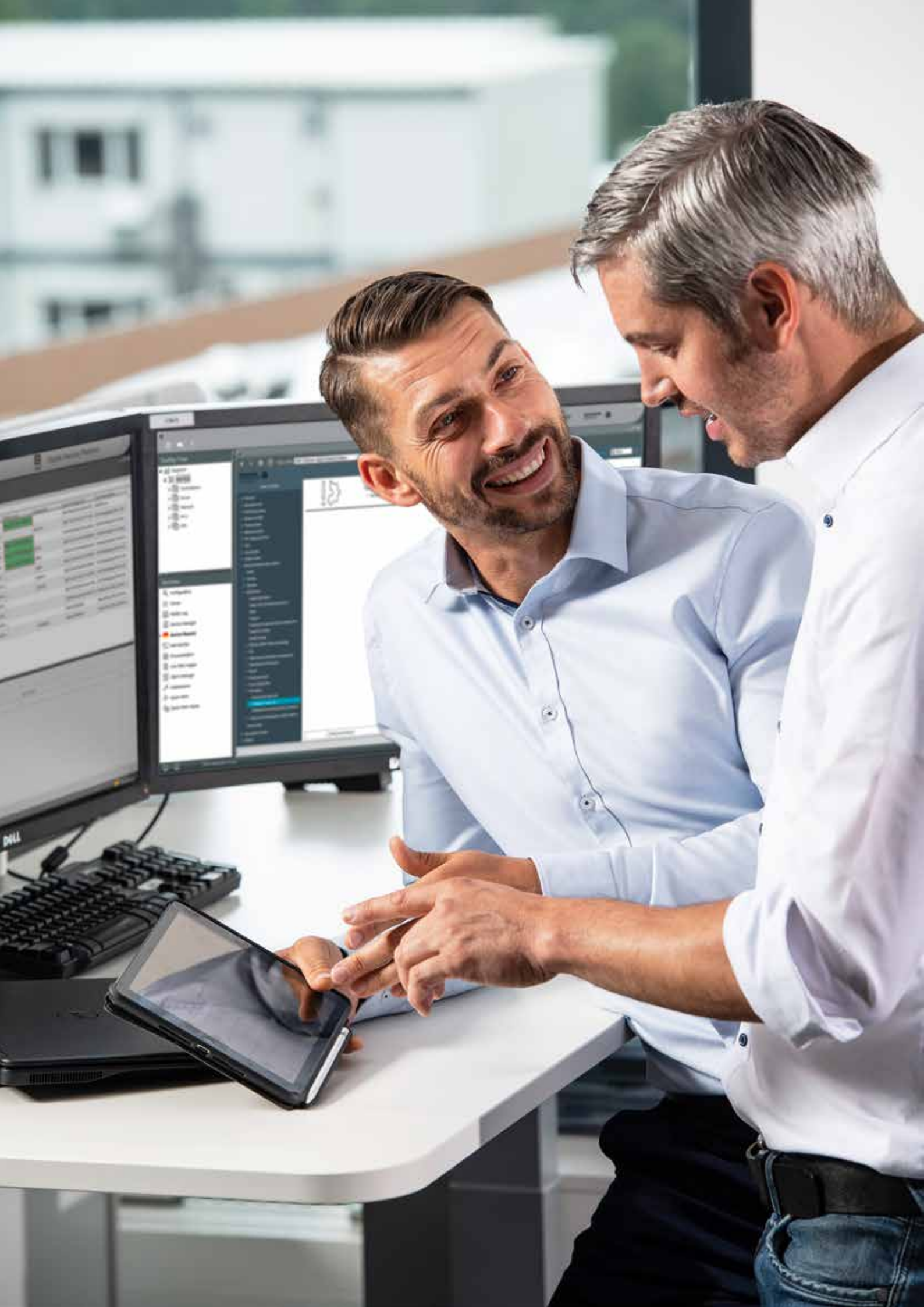
With our extensive experience and valuable contacts, we help you find the right financing solution for your projects.

## 21

The Brückner Group is a family-owned group of companies that strives for high-end technology leadership for the benefit of its customers.







Markus Gschwandtner  
Managing Director/CEO

Tobias Fuchs  
Managing Director/CFO

## Your reliable service partner for the entire lifecycle

We support your sustainable & profitable film production operations

When you have made a significant investment in the film production industry, 24/7 availability of your equipment and processes throughout the entire lifecycle is vital for exploiting the opportunities and overcoming the challenges of your markets.

We strive for excellence in everything we do, offering you full support in this industry and enabling you to concentrate on your main task: producing and marketing films in a sustainable and profitable way.

We have a strong and competent team available around the globe that is fully committed to our motto "serving your success". With the assistance of our sister company Brückner Maschinenbau, the clear market leader for film production technology, we have the unique and outstanding foundations in place to accompany you through all stages of the lifecycle.

Whether you need a fast service to meet an emergency, want to streamline your equipment and processes for new film types and markets, need to reduce your production costs, or want to organise preventive maintenance plans and parts – we offer you high-quality, state-of-the-art and feasible solutions, either locally in your area or remotely.

With our services, we contribute to your success by supporting your quest for safe, environmentally friendly, sustainable and profitable production.

Above all, we are keen to build a long-term, mutually beneficial partnership with you based on trust.



# Brückner Servtec – our core values

What's important to us?

## Commitment

### Going the extra mile

We go the extra mile and are fully committed to creating first-class solutions and products.



## Customer Focus

### Reliability and trustworthiness

We serve as a reliable partner for our customers and ensure their ongoing success.

## International

### We think global and act local

We are at home all over the world, operating in close proximity to our customers. We think global and act local.



## Competence

### Over five decades of unique expertise

We are a technology leader and a pioneer with more than five decades of unique expertise in film stretching.

## German Quality

### High-tech, precise, on time

We guarantee maximum quality, precision and punctuality at every location worldwide.



“

We are delighted to have a partner like Brückner Servtec to support us and guide us step by step towards completing new projects successfully.”

Borislav Minkov, Technical Director Plastchim-T AD

“

With Brückner Servtec's most helpful support, we have saved a lot of money. As a “saying” goes, saving customer's money is just like saving money for yourself.”

Liu Guangxin, Deputy Manager Import and Export, Gettel Inc.

# Building bridges through reliability and trust

Because people make the difference

The benefits of a mutually partnership are considerable. It creates a transparent bridge between companies and their people, while developing a climate of trust and reliability. In our highly automated environment, our teams of specialists at our headquarters – and, above all, locally next to your site – make a real difference.

We are committed to serving you 24/7 around the globe, utilising the know-how of experts in every field.



>160 Employees  
17 Nations  
11 Languages  
13 Locations



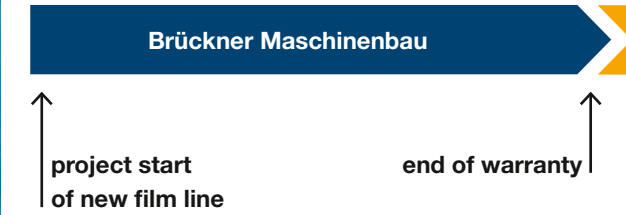
# World-class machines – first-class service

Creative, innovative, globally present



Brückner Maschinenbau is the world's leading supplier of production lines for manufacturing high-quality monoaxially and biaxially stretched films. The lines guarantee efficient, profitable, reliable production of the widest range of flexible films, which are used as high-quality packaging material or for special technical applications such as capacitors, battery separators or screens and displays.

The range of services offered by Brückner Maschinenbau includes planning, building and commissioning complete production lines as well as flexible plant engineering packages and all process and machine developments for film production. Furthermore, the services include consultation during project initiation (e.g. feasibility studies) and financing solutions.



Important future issues, such as electro-mobility, intelligent and recyclable packaging and sustainability in film production, are continuously driven

Stretching the limits – not only claim but a conviction

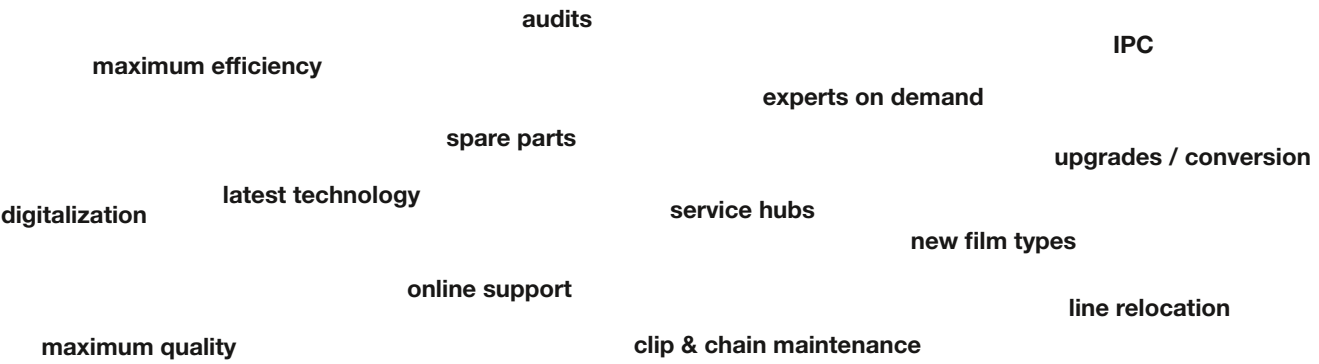
forward at our own, globally unique Technology Center in Siegsdorf. No matter what ideas film producers or

raw material suppliers have in mind, new applications or processes: Brückner Maschinenbau is able to offer the right technology, based on intensive R&D.

Once a new film production line is handed over to a customer, we as Brückner Servtec take over the comprehensive services for the entire lifecycle.

# Focusing on your needs

Service means understanding your challenges



We ensure the maximum availability of your lines.

> 30 years lifecycle service

Understanding your vital needs lies at the heart of our lifecycle service and is the key to supporting you. With Brückner Maschinenbau at our side, we provide a unique and outstanding platform in the film industry and ensure that your valuable investment is sustainable and profitable throughout the entire lifecycle.

From all new technical features that come with a brand-new Brückner line, we determine the ones that offer the biggest improvements for your existing line and thereby give you a competitive edge in your market.



# Services to increase your success

We ensure performance at every stage of the lifecycle



We strive for excellence in our services, helping film producers worldwide to optimise their day-to-day business. Today, our huge product portfolio is unique in the biax industry.

Whenever you want to produce new film types, improve your line's performance, increase the line availability or streamline your processes, we offer the right solutions to help you reach your goals.



# Services

Utilizing your asset at highest level

Your line's efficiency is crucial to successful production operations. Keeping energy consumption, resource use and waste to a minimum is decisive, as it facilitates your success in competitive marketplaces. Our service solutions boost production efficiency to the highest possible level on a sustained basis, while also ensuring optimum distribution of your resources.

- Line and spare part audit
- Plant and energy audit
- Clip & chain refurbishment
- Automation and control upgrade
- Productivity upgrade
- Brückner Academy training programmes

# Availability

Keeping your production up

Being able to rely on the availability of your production line is a fundamental prerequisite. Keeping your production up and running without any unplanned disruptions is what our services focus on by means of preventive maintenance solutions. In case immediate assistance is required, you can rely on quick and easy assistance 24/7 anywhere in the world, including in many locations in your vicinity.

- Machine condition monitoring
- 24/7 hotline
- Service plans
- Spare part service
- On-site service

# Selected solutions

## Twin Screw Extrusion

**Technology:** Energy saving, compact machine design

**Benefit:** Wide and flexible product and output at highest melt quality



## Multilayer & Specialty Film

**Technology:** Proven Brückner extrusion system and die design, integration in existing line design

**Benefit:** Production of multilayer high margin films, increased flexibility, potential output increase

## Inline Coater

**Technology:** Inline coating technology for a variety of applications

**Benefit:** Process simplification and most consistent film surfaces

## Direct Drives

**Technology:** High torque drives for extrusion, casting unit, MDO, TDO, pull roll and winder unit, directly mounted without gears

**Benefit:** Higher speed accuracy, elimination of belts, gear tension control and energy saving



## Advanced TDO Chain Track System

**Technology:** High speed and robust film transport system

**Benefit:** Reliable system, minimized maintenance & oil consumption

## Surface Treatment

**Technology:** State-of-the-art corona and flame treatment

**Benefit:** Best film quality with increased line capacity

## Integrated Process Control (IPC) System

**Technology:** Latest virtualised system design for totally integrated control and visualisation

**Benefit:** Easy handling and operation, secured system availability

## Winder LIWIND®

**Technology:** Advanced linear motor technology controlling contact winding

**Benefit:** Perfectly wound mill rolls for all film types

## Brückner ONE: our digital service solutions

- Enhanced spare parts management
- Advanced support handling
- Flexible communication platform
- Online technical documentation



# Film quality

Satisfying your customers' needs

Film quality is an important factor in satisfying your customers' needs and ensuring they remain loyal to your business in the future. Brückner Servtec offers you a vast range of services, expertise and proven technology to increase your product quality on a sustained basis, regardless of how old your production line is.

- Electrical upgrades
- Mechanical upgrades
- Automation upgrades
- Thickness gauge & control
- Surface treatment
- Brückner Academy training programmes

# New products

Entering higher-margin markets

Evolving needs and markets make it necessary to convert your line into a more profitable asset. This is especially true for older and slower production lines with small working width and lower output, if the aim is to operate profitably on the market.

We offer tailored packages for becoming more competitive and increasing your margins for the production of multilayer specialty film, for example. Even if you plan to relocate your production line to newly emerging markets, Brückner Servtec is the reliable partner by your side.

- Multilayer conversion
- Inline coating
- Mechanical upgrades
- Electrical upgrades
- Process audit
- Line relocation

... and much more.





### Focus on smart investments

Successful investing involves making choices that meet your unique needs and your financial goals for the future. Be it more uptime, more output, wider margins on specialty films, or even new products – our service and upgrade packages are perfectly tailored to your requirements.



## Technology and market leader

Including in the field of digital transformation

Digitalisation is more than a trend or a buzzword to us. With the vast opportunities in the age of digital transformation, our goal is to pin-point those that are the most beneficial to our daily business and our partnerships with our customers. As a trendsetter and technology leader, we listen to the needs of the film producers' community by designing a full range of digital products and services.

The entire **Brückner ONE** system is unique in the film industry. It is a one-stop solution that provides a digital platform supporting all aspects of the line and its services.

The **Brückner ONE** digital service platform offers unique modules for service requests, spare part enquiries, communication and line documentation at your fingertips, at any time and from anywhere. It brings industry-proven service products to a new, digital level and enhances them with additional features.

Today, the existing and new services are clustered in convenient SILVER, GOLD and PLATINUM packages and can therefore be tailored to your needs.

This provides the perfect basis for transparent, faster and more efficient services in the future. It helps to maximise the availability of film stretching lines and minimise maintenance and downtime costs.

## Various approaches, one goal

Comprehensive customer support

**Brückner ONE Com** enables the most flexible interaction between the Brückner service team and the customer. It is a module for quick and easy communication using state-of-the-art tools such as chat, video and whiteboarding. The customer can also use the app version of the module for intuitive communication with mobile devices.

### MORE TO COME ...

**Brückner ONE Docu** provides paperless and easy-to-use online technical documentation of the film stretching line. The user can access the documentation anywhere and anytime from all devices (desktop and mobile).

**BRÜCKNER ONE DOCU**

**BRÜCKNER ONE COM**

**BRÜCKNER ONE PARTS**

The **Brückner ONE Parts** module provides a quick and easy way to identify and enquire about spare parts for film stretching lines. They can be easily selected in the online spare parts catalogue on the basis of drawing, description or number, then sent to the online basket and forwarded to Brückner as a comprehensive enquiry.

**BRÜCKNER ONE SUPPORT**

To ensure quick and flexible troubleshooting, the **Brückner ONE Support** module offers an advanced support handling system for technical service requests relating to electrical, mechanical and process support. It is also available as an app for mobile devices. The customer submits a service request and can track its status online.





# Our commitment to a world worth living in

Taking care of sustainability



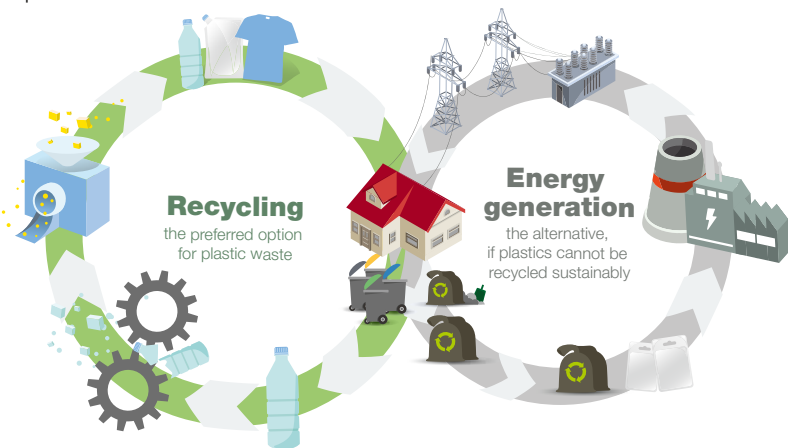
Plastic films and packaging produced on the machines from Brückner Group companies protect the packed goods securely. This extends the shelf life, reduces storage losses and (food) waste – good for people and the environment.

However, incorrect handling of plastics harms the environment. The Brückner Group is well aware of its responsibility regarding this particular issue and all group companies are determined to find the best way to reduce plastic waste and close material cycles.

- Brückner Maschinenbau's new BOPE line concept offers mono-material solutions as a substitute for non-recyclable multilayer structures and material composites – easy sorting and recycling included.
- Brückner Servtec offers special audits, helping film producers to modify their older lines according to the latest environmental standards.
- Kiefel's newly developed special machine and tooling technologies are optimized to handle various mono-material structures such as different PP, PET or PE films with highly demanding processing properties – the result: 100% recyclable trays, lids and cups.
- PackSys Global has developed mono-material tubes that can be more easily recycled as there is no need to separate the cap from the tube body. For bottle caps the company has found solutions to “tether” the cap to the bottle so it can then be precisely separated.



We donate to One Earth – One Ocean, among others.



Plastics recycling in Africa: Our help is well received.



## Yes, we care

Proactive as an innovation leader

As a technology and market leader in the most diverse areas of the plastics and packaging industry, we have the opportunity to contribute our vision of the future and to keep all activities – especially our engineering spirit – in line with sustainability. Furthermore we strive to be ambassadors for the correct handling of plastics. We fill the motto “Reduce – Reuse – Recycle” with life. This is why the group-wide “Yes, we care” initiative was launched in 2017.

This project is as much an acknowledgement of our own responsibilities in the area of plastics and sustainability, as a promise to the employees in all the Brückner Group companies. Together we will act, develop visions, boost innovations and find solutions.

When we launched “Yes, we care”, one of our primary objectives was to support organisations, initiatives and projects. We selected the “ASASE Foundation”, a project in the heavily plastic-polluted capital of Ghana, Accra, and „One Earth – One Ocean“, an environmental organisation that concentrates on waters and coastal protection, currently with the focus on Southeast Asia. We donate to both of these organisations and hope to increase our contribution in this area over time.



# Providing financing solutions

Expertise in project finance

## We offer:

- Export finance specialists with 20 years of experience
- Long-lasting partnerships with Export Credit Agencies (ECA)
- Cooperation with approximately 100 international financial institutions
- Extensive market knowledge
- Tailor-made financing solutions
- Continuous further development to meet emerging trends in the financing industry

## Our expertise covers:

Financing scope



### Covered Payment Terms

- Short term financing solutions, going easy on your existing credit limits
- Market knowledge and the co-operation with international credit insurance companies ensure favorable credit payment terms
- Additional collaterals are not required (only a positive credit check by our financing specialists)



### ECA-covered Supplier's Loan

- Making use of governmental programs promoting export trade (ECA-cover)
- Short- and mid-term financing solutions all around the world
- Support for small and medium-sized enterprises by offering a EUR financing with favorable conditions



### Lease Financing

- Close co-operation with international leasing companies
- Mid-term financing solutions in the local currency or in EUR, using favorable market situations
- Finance or operate lease, depending on the local legal environment



### ECA-covered Buyer's Loan

- Making use of governmental programs promoting export trade (ECA-cover)
- Mid- and long term financing solutions in EUR or USD to profit from favorable interest levels
- The repayment starts after placement of the products on the market



Financing term



**BRÜCKNER**  
GROUP



Dr. Axel von Wiedersperg  
Managing Director/CEO

Maximilian Schneider  
Managing Director/CFO

# We are the Brückner Group

Long-term thinking – the key to success

The Brückner Group has been family-owned since it was founded in 1960. This has shaped the group to the present day and is reflected in particular in a long-term strategic orientation – a significant success factor for our customers and ourselves.

Within the plastics and packaging industry the Brückner Group members are global market and technological leaders for machines, systems and services. Brückner Maschinenbau, Brückner Servtec, Kiefel and PackSys Global are the foundations of the group. While exploiting their advantages, such as a strong worldwide presence, technological know-how transfer and leading positions in a globalised world, they act independently and can concentrate on their specific markets. This allows each company to focus on meeting their customers' individual requirements and on delivering complete customer satisfaction.

The group has more than 2,600 employees and 29 locations in 15 countries worldwide. It is led by the strategic management holding company, Brückner Group GmbH.



Brückner Group GmbH defines the group-wide long-term strategy and provides the individual companies with a strategic direction. It is also responsible for group merger and acquisition activities. Besides setting standards and guidelines in order to ensure transparency and compliance, the management holding supports group members by providing a variety of central services as well as expertise in a number of specialist areas.



# Brückner Sales and Service Locations

Always at your side



## Brueckner Far East Ltd.

Hong Kong, CN

## Eumatex GmbH

Pyhra, AT

## Kiefel Do Brasil Equipamentos Ltda.

São Paulo, BR

## Samjin Solution Co., Ltd.

Seoul, KO

## Itochu Machine-Technos Corporation

Tokyo, JP

Germany



USA



Colombia



Brazil



Austria



Slovakia



Russia



India



Indonesia



China



Korea



Japan



## Headquarters

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