

A man in a shiny silver suit stands on the left, looking up. He is holding a woman in a similar silver suit who is performing a handstand. The woman's legs are extended straight up into the air. The background is a light gray studio setting with a dark teal square behind the man. The text 'DRIVING YOUR PERFORMANCE' is overlaid on the teal square.

**DRIVING**  
YOUR  
PERFORMANCE



Thomas J. Halletz  
CEO

Peter Eisl  
CFO

Dr. Bernd Stein  
COO

## Kiefel - Experts in plastics processing

Kiefel has a history of six decades of supplying machines for the processing of plastic film materials.

Continuous research and development have made us one of the world's leading specialists in forming and joining technologies. We are run our own network of sales and service centers and we are represented by sales partners worldwide.

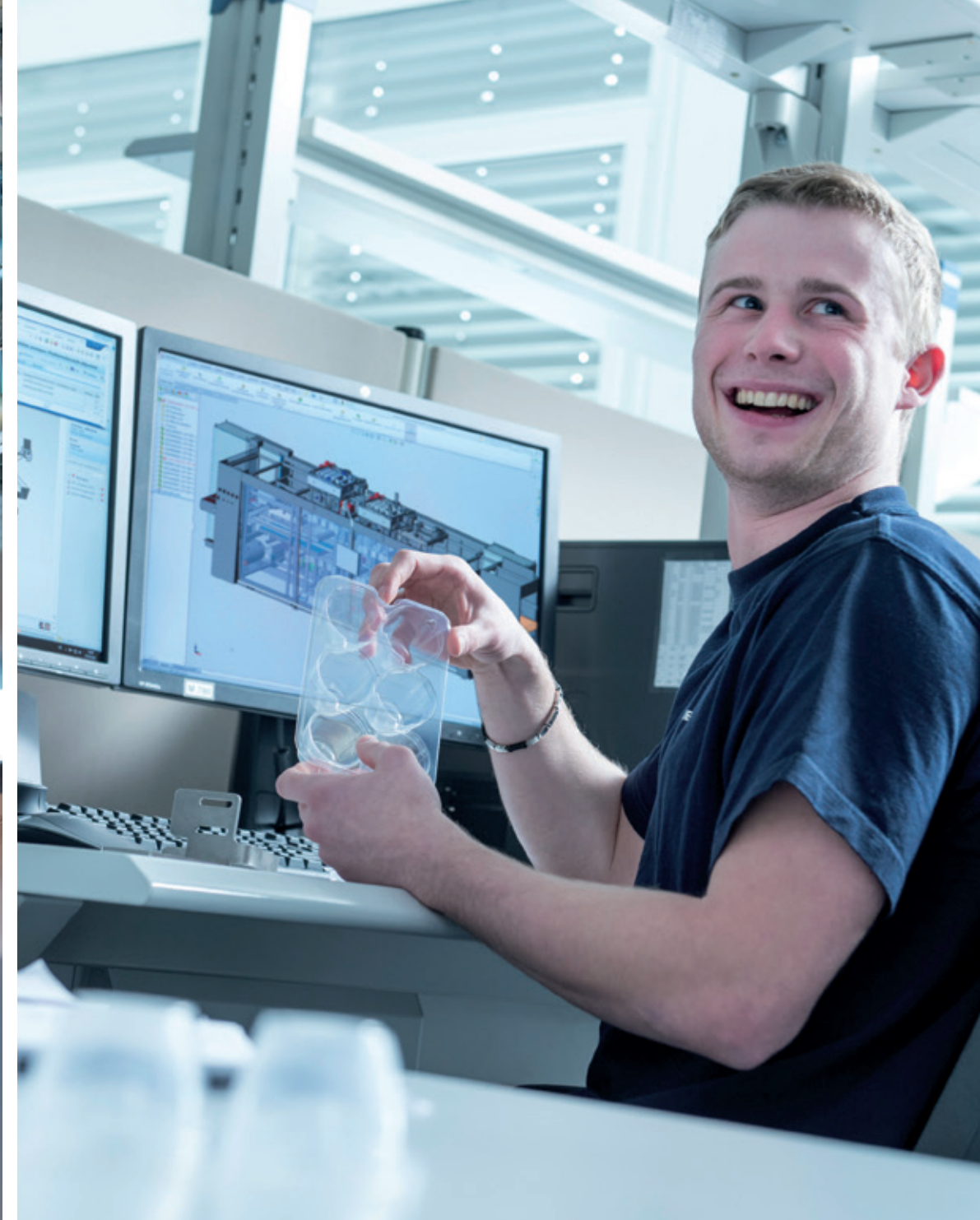
Considerable enterprises from the automotive, medical, appliance and packaging industries all rely on Kiefel as a supplier.

The basis of this trust is our ability to supply custom-tailored, cost-effective solutions, innovative technology, high quality, long-term reliability and reliable customer service.

### Machines for the processing of plastics

- Automotive Industry
- Medical Technology
- Packaging Industry
- Appliance Industry





## Creativity means – cutting-edge technologies

*Technology Center for developments and prototyping*

Kiefel constantly runs basic tests and trials for its customers. This grants the foundation for developing customer-specific solutions, optimising processes and providing highly sophisticated and advanced process technology.

Your engineering team at Kiefel keeps you always steps ahead.

- Laboratory equipment for basic tests and trials
- Clarification of materials and applications
- Customer-specific developments
- Process optimisation
- Process technology
- Assistance for start-up





## Always on board

Regardless which car you drive, you are always close to plastic components produced with technology supplied by Kiefel.

As an international supplier of equipment for plastics processing, we design, develop

and manufacture both highly individual and turnkey solutions to produce interior trims. Car builders and their suppliers rely on our machines.

## Inner Values

The Automotive Industry uses machines from Kiefel for the production of:

- Instrument panels
- Airbag / glove compartment lids
- Door panels and trunk liners
- Consoles
- Sun visors
- Door handles

## We switch fast to get your project to speed

*Solutions for the Automotive Industry*

As a market leader, we support the most renowned automotive brands with individual solutions. Know-how, top quality and maximum flexibility have turned us into an important supplier to the automotive industry.



## You can rely on the latest technologies from Kiefel:

- Laminating of substrates with film
- Forming of film for foaming
- Press laminating
- In-mould graining
- Textile and leather laminating
- Edge folding with and without adhesive
- Air supported contact riveting or ultrasonic
- High-frequency welding





We combine precision and reliability  
to form your success

*Solutions for the Medical Industry*

## Machines for Medical Technology

We move in a highly sensitive area with our medical applications. Kiefel is aware of this responsibility. This is why our teams operate with precision, reliability and efficiency – just like our medical customers.

- High-frequency welding
- Thermo-contact welding
- Filling
- Welding and punching tools
- Automation



## Medical Technology for production of

- Blood bags
- Infusion bags
- Urine bags
- Colostomy bags
- Catheter bags
- Nutrition bags

## Perfection saves lifes

Medical technology sets the very highest standards. The machines and accessories supplied by Kiefel for the production of medical bags will guarantee high-quality products.

Whether for PVC or polyolefin – our customers appreciate the extraordinary finish and highest precision of our fully automatized welding units.

## The supplier to trust

Costs, physical requirements, ecological aspects – all these factors play an important role for selecting the right material. Kiefel is always your partner when you look for state of the art high-frequency or thermo-contact welding technologies to meet your requirement.



# We are in top form to make your perfect packaging

*Solutions for the Packaging Industry*



Being your technology partner for packaging solutions, Kiefel offers more than machines. We offer machines, well designed tools including the optimised process - you receive it all from a single source. We work with you in a team and assist you in developing your packaging products. All processes are covered by a high degree of automation.

## Things to pack

Whether for low volume items or large-scale mass production runs of plastic trays, cups, lids, bowls or inserts, Kiefel can supply you with the right solution for your needs, both in vacuum and pressure forming.

- Trays
- Bowls
- Cups
- Lids
- Hinged packaging
- Blister packs
- Chocolate-box inserts
- Plant pots
- Plant trays
- Capsules

## Solid machines for rigid packaging

- Pressure forming machines
- Vacuum forming machines
- Forming moulds and cutting tools
- Automation and down-stream equipment



# Keep cool

*Solutions for the Appliance Industry*

Another major line of our forming technology features machinery for the production of refrigerator components. Whether for fridges or freezers, inside or outside, combined or single-unit – even complex shapes and refrigerator designs can be handled.

All these is created by intelligent solutions and high-performance automatic forming machines supplied by Kiefel. A door liner or an interior container is formed from a single sheet of plastics.



## Appliance Industry and technical components

- Refrigerator interior containers
- Refrigerator door liners
- Housing components
- Bathtubs
- Inserts for industrial use
- Casing components



## Our experts for maximum performance

*The Kiefel Service Team*



Kiefel offers a whole series of services in the area of engineering and processing technology. Our experts and engineers can do the job – use their expertise to your advantage. It is our claim to ensure that the very best practises apply throughout the service life of our customers' Kiefel-equipment.

- Quality in engineering and craftsmanship
- High technical and process competence
- Maximum customer benefits
- Long-term partnership
- Worldwide market presence and service

*We at Kiefel follow a common and clearly-defined direction. All our activities are focussed on sectors that demand precision, efficiency and expertise in supplying the right solutions.*





## Promoting young talents

*Training with a future*



## We are Kiefel

*Be a part of us*

Kiefel is powered by motivated people with brains, heart, guts and loyalty. We appreciate that thousands of small steps forward produce big results, so we support individual initiatives. Through on the job training, we create a culture that encourages people to do something better

every day. This requires committed people who both recognize and act, seeing a problem as an opportunity. People must be led by their own passion and put things right that are wrong using their own ideas and actions.



We are aware of the social responsibility, to offer young people, especially at the present time, a qualified vocational training and an optimal career start.

It is for us particularly important however that a large proportion of our apprentices, after having completed the training, continues their career path at Kiefel successfully and give a significant contribution to the success of the company.

### Our training opportunities

- Industrial clerk
- Warehouse clerk
- Electronic technician for automation
- Technical product designer
- Industrial mechanic
- Dual studies



# Kiefel worldwide

Our global locations



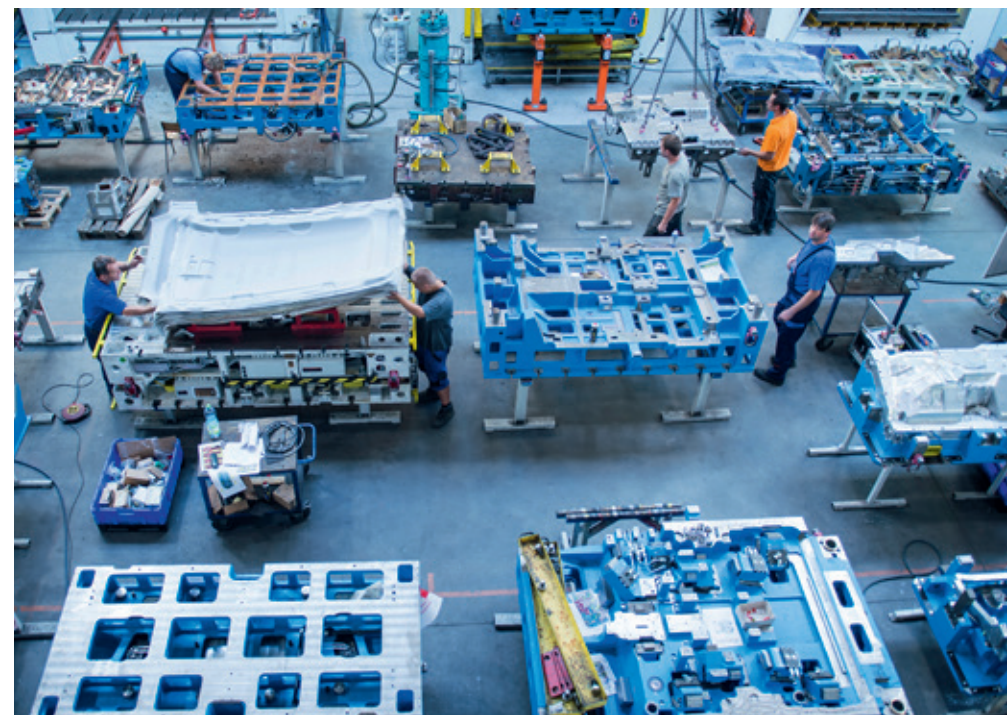




Our promise of quality is only achieved when you, our customer, is entirely satisfied. We are committed to an on-going program of improving the efficiency of all techniques and processes in your interest. And it goes without saying that at all phases of our co-operation we guarantee you the highest level of confidentiality.

#### Leading in innovation

It is our company philosophy to always strive for a pioneering role in development and production. In this way SWA supports the global high-tech automotive sector with powerful and cost-effective tools and systems.



## SWA

*Shaping the Future*

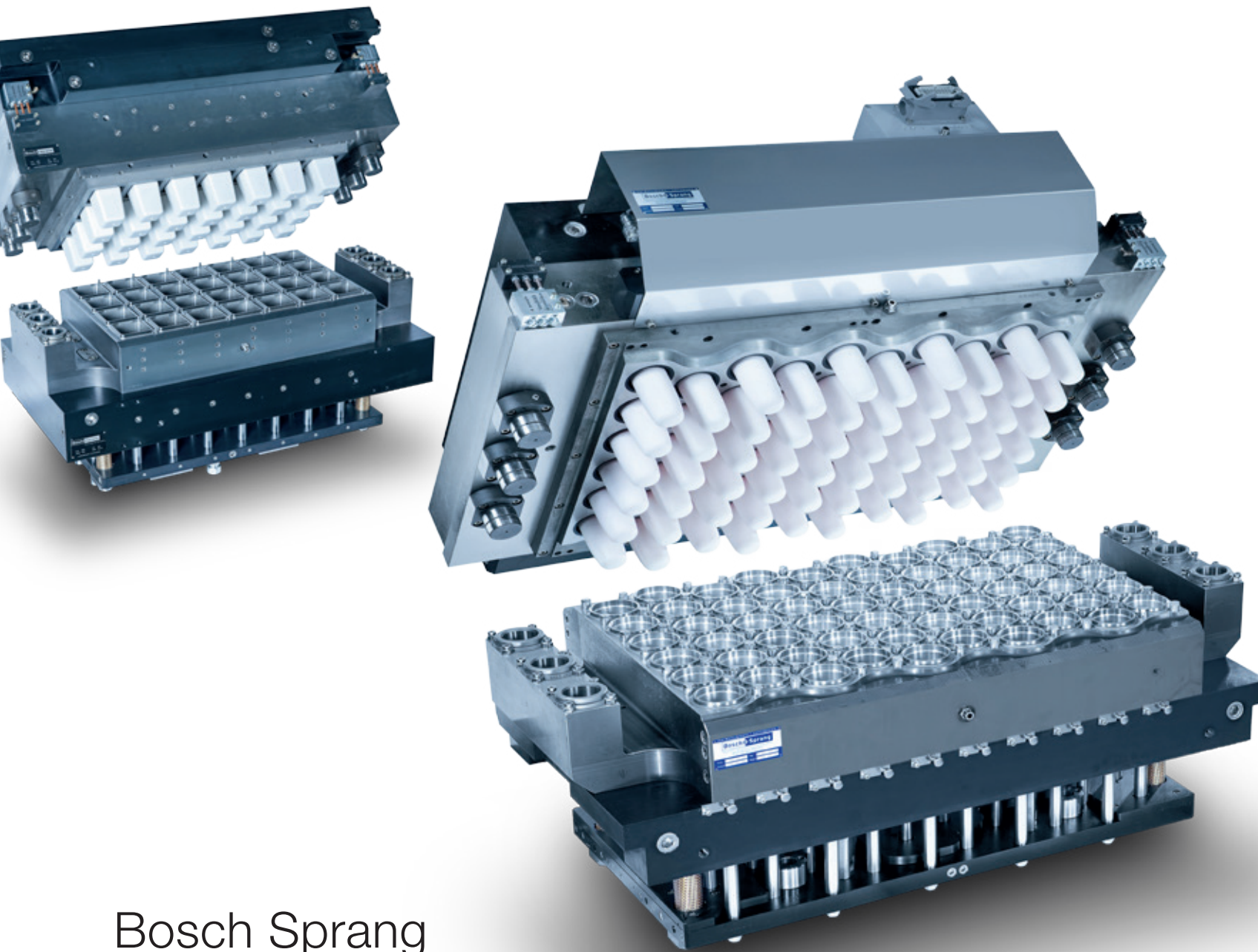
At SWA you have a partner by your side who prioritizes your interests. Customer orientation lies at the heart of our product and service mission. We will support you throughout the entire life cycle of products produced and manufactured with our tooling and systems. Our engineers and management team will dedicate all of their

experience and commit to the success of our customers. Our motivation is the satisfaction of knowing that overcoming great challenges can lead to great products. Your vision, your wishes and your demands are decisive for the quality of our products and services.

### Product range - tools for

- Compression
- Laminating
- Isolation foam
- Trimming
- Gauges
- Special machines





# Bosch Sprang

*Guiding you to Performance*

Bosch Sprang believes in Partnership, Reliability and Innovation and wants to be a world-wide leading company in thermoform tool technology. That is why we continuously invest in research and development and why we train our employees in all aspects and details of the thermoform process. Reliability is more than choosing the right steel for the tool.

We want to be reliable in many aspects, such as service, communication, delivery and financial security. For us, Partnership means working together intensively and passionately with our customers and suppliers in order to achieve the highest level of product quality, output and cost reduction.

## Tools

*High quality tools for a reliable process*



Bosch Sprang delivers tools for any thermforming machinery. We will supply you with a tool that is completely tailored to meet the specific qualities of the particular type and brand of your machine.

### Reliability

Long-term experience and utilisation of high quality materials ensure you can count on a reliable, durable tool.

### High Output

High output is achieved by maximum cool capacity in combination with the right form air technology.

### Material saving

The tools are constructed with a tool layout for minimum scrap. Save material by down gauging, because of an optimal material distribution.

### Flexibility

Several quick change systems keep your change-over time as short as possible.

### Material

PP, PET, PS, PE, PVC, Multi-layers, Mineral filled material and Bio material





Many years of experience with complex projects has increased our competence constantly and has turned us into one of the leading systems providers of turnkey projects using thermoforming, injection moulding and blow moulding technology. We can depend upon our motivated employees and cooperation partners,

who are characterised by reliability, know-how, flexibility, team orientation, fairness and dynamics.

We take care of your complete manufacturing process and supply customised individual solutions providing you with the unique benefit of productivity.



## Mould & Matic

*Tuning up your Production*



### Solutions for

- Thermoforming
- Injection moulding
- Injection stretch blow moulding





Dr. Axel von Wiedersperg  
Managing Director/CEO

Maximilian Schneider  
Managing Director/CFO

# Leadership, integrity, internationality, long-term thinking

*The keys to success for our customers and ourselves*

The Brückner Group is a family-owned group of companies in the machine-manufacturing world. We aim at technological leadership in our markets and strive for technical competence, top quality and a comprehensive service with regards to the equipment for the plastics and packaging industry: all for the benefit of our customers enabling them to meet their daily challenges. And our customers know they can rely on our adherence to contracts, deadlines and commitments, as well as on our utmost integrity – at all times.

The foundation of our group are the group companies - all market and technology leaders in their respective fields: Brückner Maschinenbau, Brückner Servtec, Kiefel (including Bosch Sprang, Mould & Matic Solutions and SWA) and PackSys Global (including Combitool, Madag Printing Systems and Texa).

The Brückner Group is led by the Brückner Group GmbH, the holding company for strategic management and the parent company, which include its member companies. The individual companies can take advantage of the strengths and synergies associated with the group membership, such as a strong worldwide presence. At the same time we encourage the group members to act independently and to focus on their individual markets.



The Brückner Group has been a family-owned enterprise since it was established in 1960. This governs our corporate approach to this day and can be seen in particular in our long-term strategic orientation – a key success factor for our customers and ourselves.





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