

The background of the slide is a light blue gradient. It features several translucent blue spheres of various sizes. The central sphere is a globe showing the continents of North and South America. Other spheres are scattered around it, some reflecting light. In the bottom right corner, there is a small logo consisting of three squares: a dark blue square, a medium blue square, and a light blue square.

BREYER

extrusion lines

Welcome to the world of extrusion.



Our corporate philosophy

**„Without success for our customers,
there is no success for us.**

**Without growth for our customers,
there is no growth for us.**

**Providing services to our customers
is the standard for all our activities –
within a partnership, there are always
two winners.“**

Anton Breyer, company founder
(1907–1978)



*The name stands for quality: Josef and Walter Breyer.
They have taken the firm founded by their father and turned it
into an international leading company.*

*Since its foundation the company has been run in the
same entrepreneurial spirit, focusing on quality and a good
partnership with customers.*

BREYER – thinking further getting further.

Success requires the right partners. We are here for you.

*BREYER extrusion lines – made in Germany.
Quality extrusion lines for the plastic-processing industry
in the below segments:*

Experience has always been considered the key to success.

This mainly applies to the plastic-processing industry with its constantly changing requirements and new tasks. Expert knowledge and the attitude to approach solutions in a very unusual way has made us what we are today: a pioneer and trailblazer in many markets. Because from the beginning we never limited ourselves to a specific segment and have always strived towards turning something good into something even better: Cutting-edge extrusion lines from the planning to the production to the installation at customers site. For more than 60 years.

If you expect something special and want to produce exceptional products, BREYER is the right choice for you. We invite you to learn more about the most recent trends and developments in extrusion technology and look forward to being contacted by you. Because we are here for you.

CLEAR SHEET

TECHNICAL SHEET

FILM

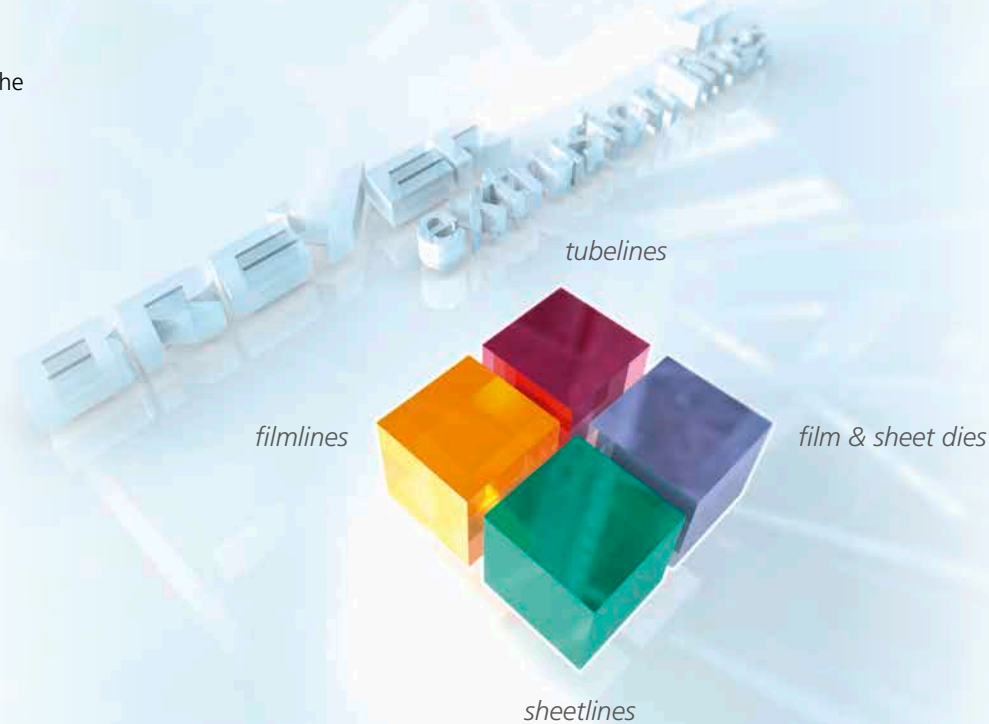
TUBES

FLAT SHEET DIES

SERVICES

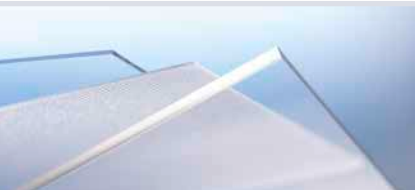
RESEARCH & DEVELOPMENT

MILESTONES



Four segments – one goal:

Developing the best solutions for your success in the market.



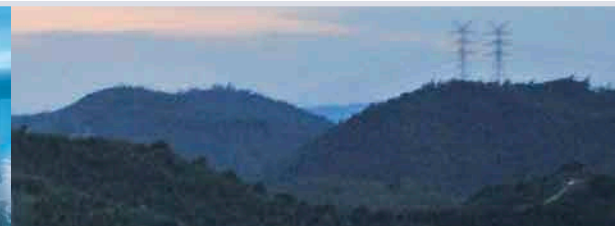
BREYER extrusion lines for the production of clear sheet



BREYER BrightLine for LED applications



LGP and display applications



BREYER extrusion lines for crystal clear sheets
for an architectural masterpiece.

Quality is the starting point for every success.

sheetlines

CLEAR SHEET

The clear sheet is unrivalled in its ability to illustrate the importance and power of light and transparency.

Its optical brilliance, lightness and versatility make it a true multi-talent offering effective interpretation for many different applications. It is not without reason that the highest quality clear sheets originate from BREYER systems. The ideal combination of decades of know-how and superior extrusion technology has earned us a worldwide reputation.

BREYER extrusion lines
for the production of clear sheet
for:

Backlight LCD sheet
for flat screens

Displays

Lighting

Glazing

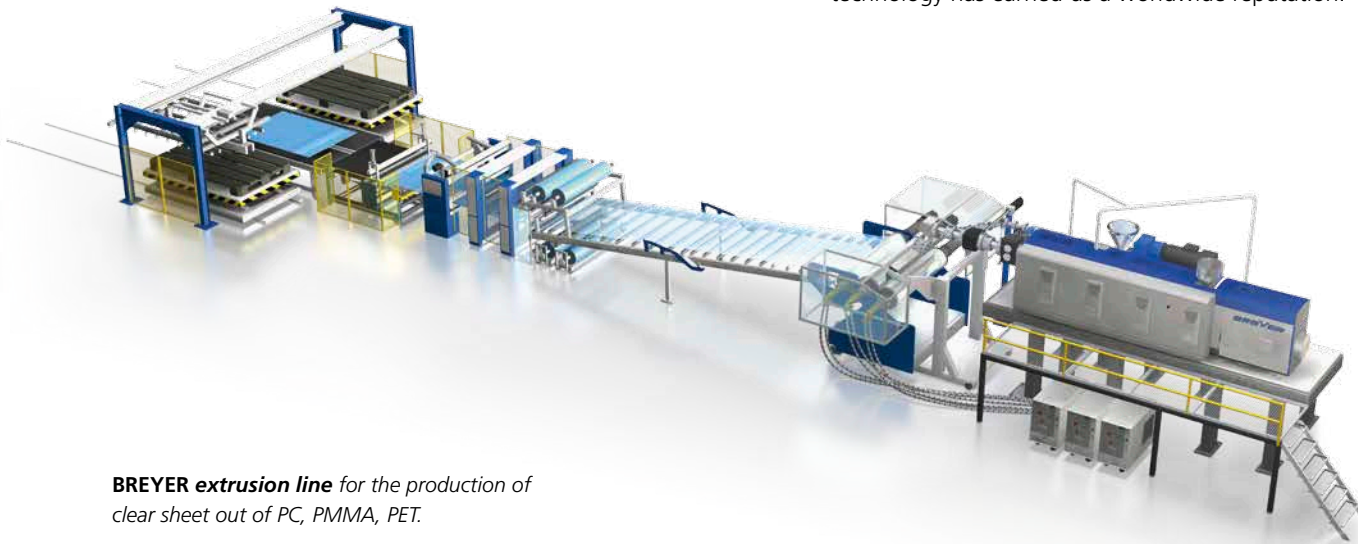
Greenhouse roofs

Machine coverings

Highway noise insulating panels

Motorbike shades

Caravan windows



BREYER extrusion line for the production of
clear sheet out of PC, PMMA, PET.

Comfortable operation



Calender

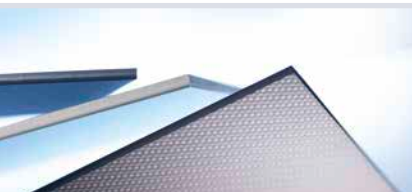


Length-cut saw



TECHNICAL DATA

Sheet thicknesses: 0,5 – 25 mm
Sheet widths: 1500 – 2900 mm
Output performance: 500 – 2000 kg/h
Materials: PC, PMMA, PET
Versions: mono, co-extruded, smooth, embossed



***BREYER extrusion lines for the production
of technical sheet***



Automotive parts



Mobile equipment



Car boxes



Speed and a high level of adaptability:
*BREYER extrusion lines for the production of
technical sheet.*

Standing still is falling behind.

sheetlines

There is hardly any other industry demanding higher flexibility in production than the automobile and consumer goods industry.

Speed and a high level of adaptability are therefore vital for efficient production even in the case of small lots. The solid and sophisticated BREYER system components offer you all the possibilities. This means that you always remain flexible enough to produce for a series of other applications, which the market demands.

TECHNICAL SHEET

BREYER extrusion lines
for the production of technical sheet
for:

- Automotive interiors
- Sports equipment
- Caravans
- Acoustic sheet
- Car boxes
- Suitcases
- Shower cabins and bathtubs
- Booth construction
- Refrigerators

BREYER extrusion line for the production of
smooth and embossed sheet without pre-drying.

Extrusion technology



Calender



Stacker



TECHNICAL DATA

Sheet thicknesses: 1 – 20 mm
Sheet widths: 1000 – 2500 mm
Output performance: 500 – 1500 kg/h
Materials: ABS, ASA, PMMA, HIPS, TPU
Versions: mono and co-extruded, smooth, embossed, filled, or foamed

*Extrusion lines for the production of flat film
for optical, solar and thermoform applications*



BREYER CellProtect for solar film



BREYER ThermoFlex for thermoforming film



BREYER OptiFlex for optical film



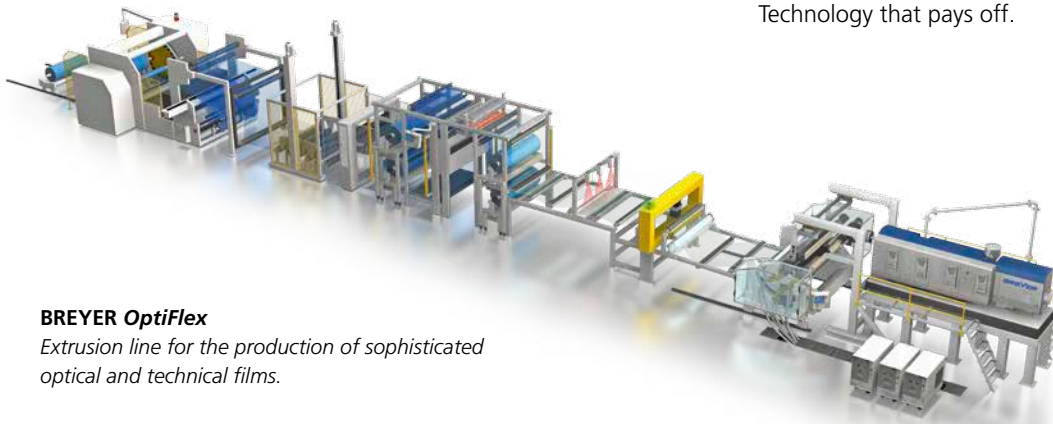
Visions become true.

filmlines

It is helpful to differentiate yourself with special features especially in difficult, competitive markets. Better quality always pays off.

BREYER OptiFlex

Extrusion line for the production of high-quality film for sophisticated visual and functional applications. The result: brilliance all along the line.



BREYER OptiFlex

Extrusion line for the production of sophisticated optical and technical films.

BREYER CellProtect

The convincing extrusion technology for the production of low shrinkage encapsulation film for solar modules.

BREYER offers the complete line including proofed recipe and service: Dosing system, extruder, die, process unit for forming – cooling – embossing, winding.

BREYER ThermoFlex

Boost your film extrusion and set new standards in quality. Technology that pays off.

FILM

BREYER extrusion lines for the production of film for:

- LCD- and TV-Monitors
- Touch screens
- IMD and FIM parts
- Decorating film
- Thermoformed products
- Solar encapsulation film

Calender



Slewing device



Laminator



TECHNICAL DATA

Film thicknesses: 0,07 – 2,0 mm
Film widths: 750 – 2000 mm
Output performance: 500 – 1500 kg/h
Materials: PC, PMMA, PET, PES, COC, EVA, HIPS, PP, etc.
Versions: mono and co-extruded, smooth, structured

*Extrusion lines for the production of tubes
for cosmetics, toothpaste, food and technical applications*



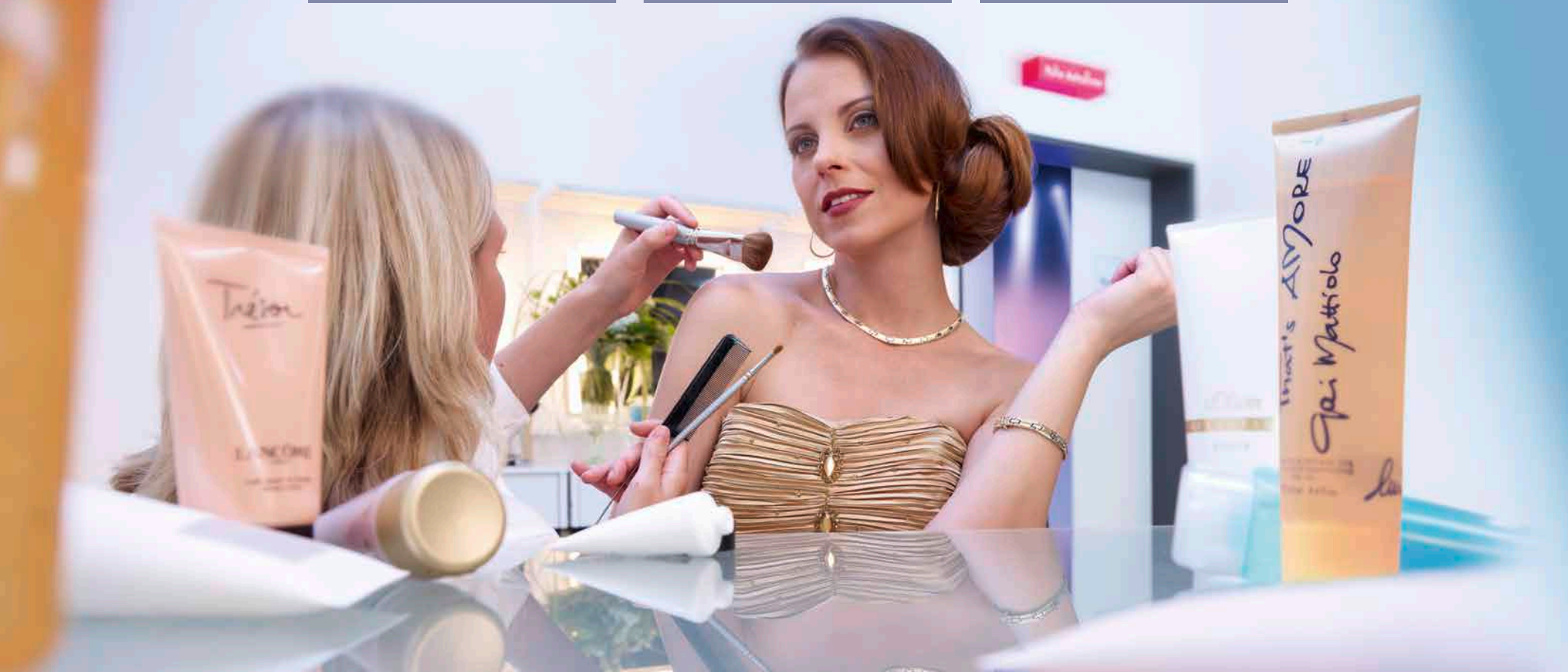
Tubes for cosmetics



Tubes for tooth paste



Technical applications

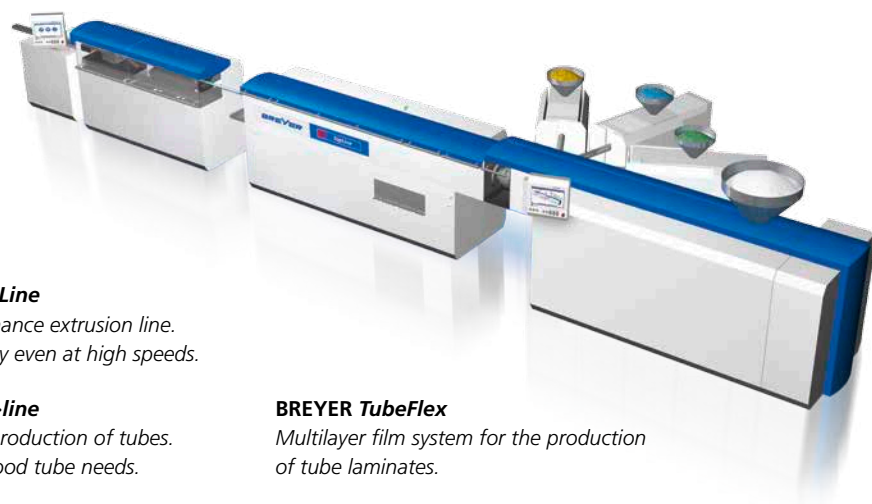


Always stay ahead of your competition.

tubelines

When it comes to tube packaging for the cosmetics industry, perfection and a professional design are paramount. However, packaging must also be manufactured economically.

It is good to refer to a technology that consistently delivers good quality even at high speeds. A BREYER extrusion line enables you to ideally meet these requirements.



BREYER TopLine

*High performance extrusion line.
Perfect quality even at high speeds.*

BREYER eco-line

*Economical production of tubes.
Everything good tube needs.*

BREYER TubeFlex

*Multilayer film system for the production
of tube laminates.*

TUBES

BREYER extrusion lines
for the production of tubes
for:

- Body care products
- Hair cosmetics
- Sunscreens
- Toothpaste
- Laundry detergents
- Technical products
- Glues
- Food

Tube extruder



Calibration



Cutting machine



TECHNICAL DATA

Tube diameters: 13 – 60 mm
Lengths: 30 – 250 mm
Performance: 80 – 300 Tubes/min
Materials: LDPE, LLDPE, MDPE, HDPE, PP, mixtures, special materials on request
Versions: mono and co-extruded, up to 5 layers, with window



Flat sheet dies for film and sheet



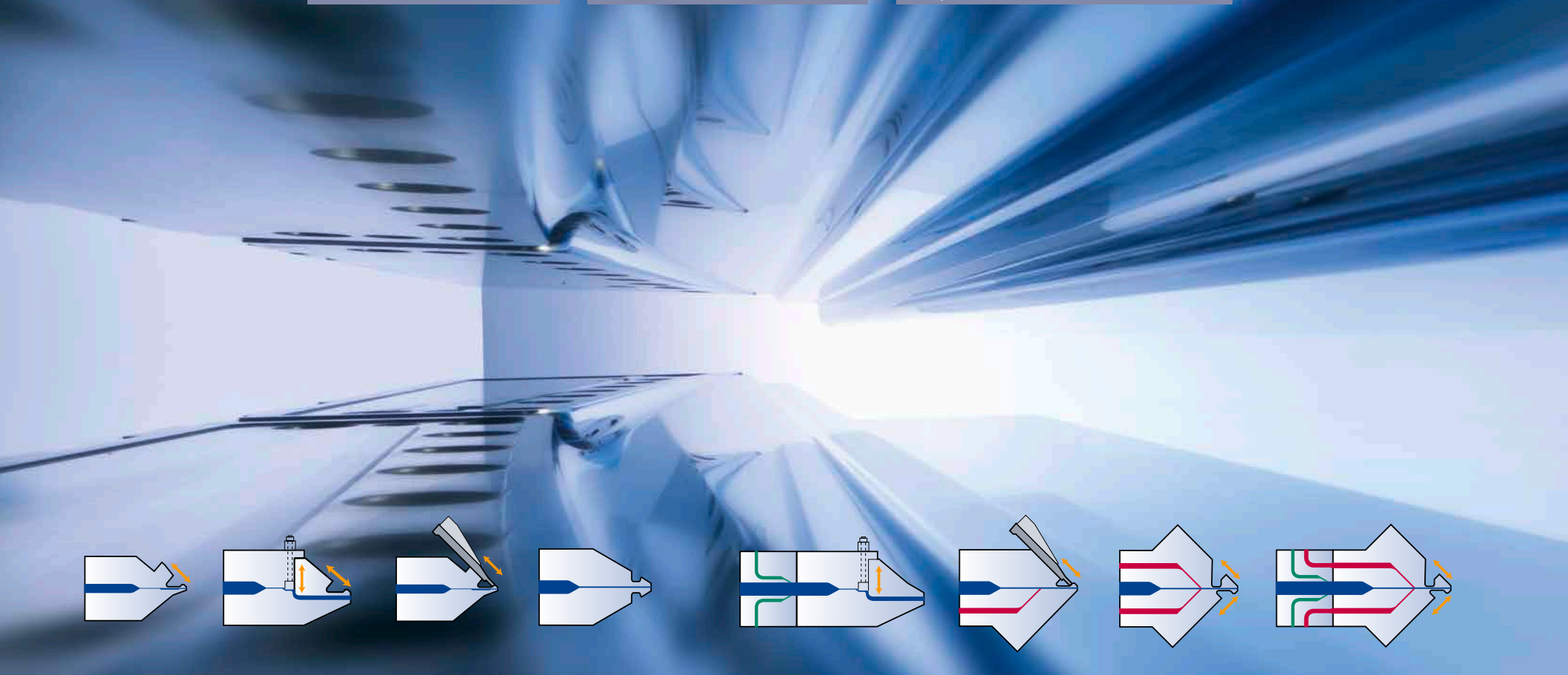
Die with calendar



Film/sheet die



Quality



Precision tools for exceptional products.

film & sheet dies

The quality of film and sheet starts with the flat sheet die at the latest. Their high level of manufacturing grade, distribution quality and, not least, surface quality of the channels determine the quality and thus the success of the final product. Here, too, the investment in high-quality technology pays off with top calibre product quality.

BREYER flat sheet dies are designed with cutting-edge 3D CAD tools, manufactured with modern CNC machines and get their high quality finish due to a professional polish. We can deliver this perfection due to our long-standing experience and expertise.

FLAT SHEET DIES

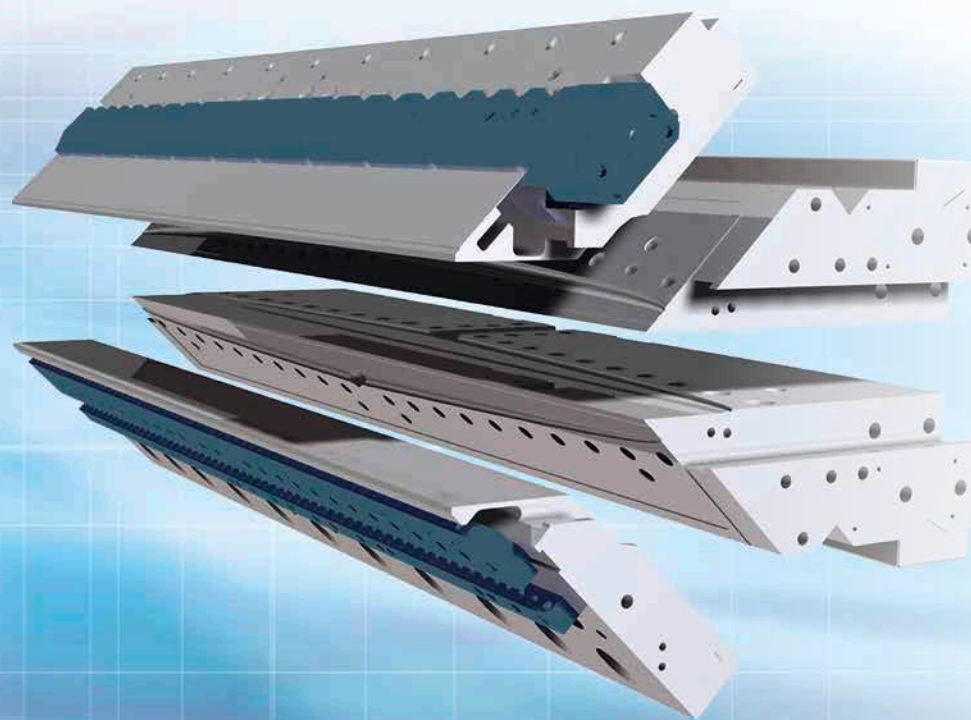
The modular BREYER die program can be flexibly combined for a wide range of applications.

- Film dies
- Sheet dies
- Automatic dies
- Multi-channel dies
- Co-extrusion feedblock

BREYER multi-channel die
for the production of multilayer film and sheet.

TECHNICAL DATA

- Die widths: 800 – 2800 mm
- Thickness range: 0,05 – 25 mm
- Materials: all established thermoplastics
- Special versions upon request





BREYER Services worldwide



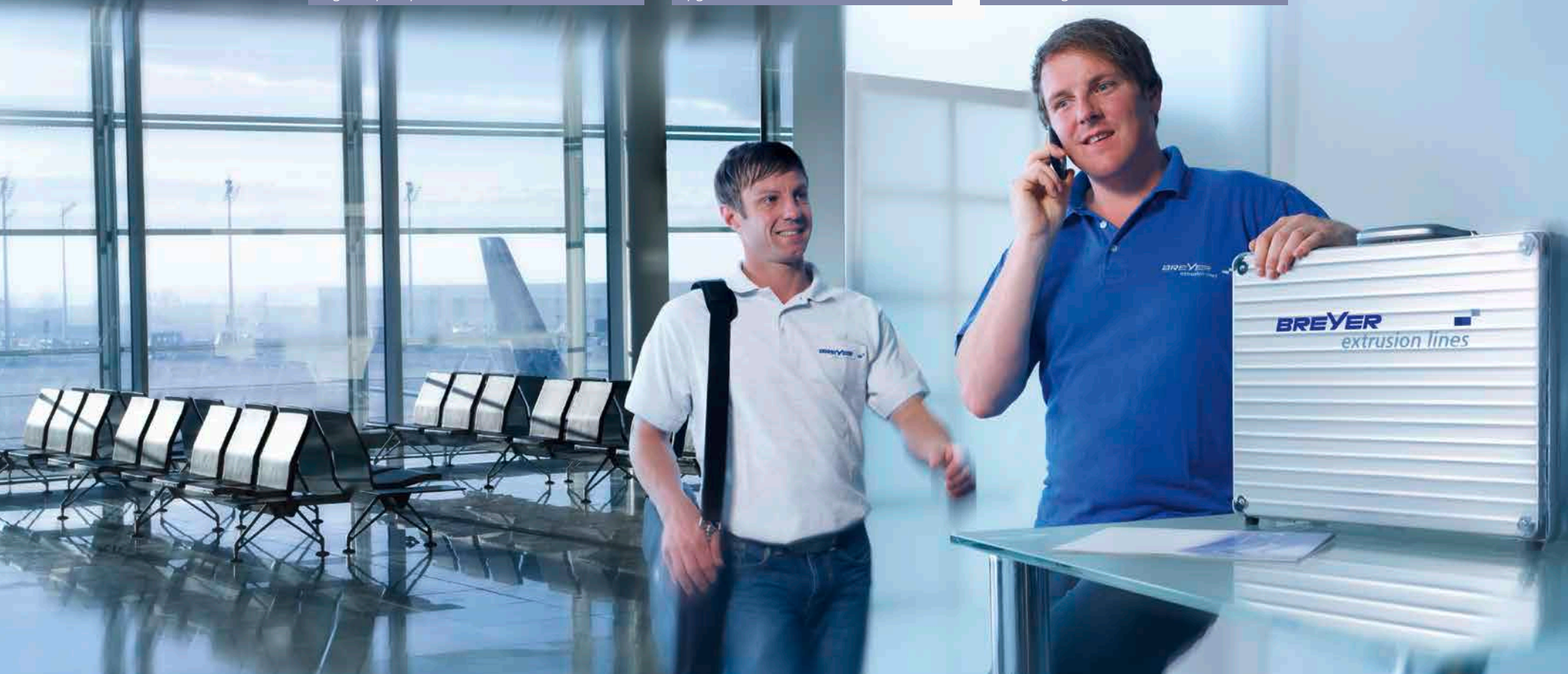
Original spare parts



Upgrades



Remote diagnostics



Service providers can be found anywhere. True partners are a rare find.

The construction of extrusion lines is similar to everyday life – we grow with the job. Therefore, every new task represents a new challenge for us.

Our extrusion specialists identify with your specific requirements to such an extent that the end result is a custom-tailored extrusion line that fully covers your expectations.

Out of various alternatives we select the one that best meets your needs.

Our specialists are always there to support you with advice and positive action. When it comes to the crunch, also on site. And there's more: thanks to our efficient remote diagnosis system, we can keep a close eye on your system at all times, no matter how many thousands of miles away you may be.



Services

Upgrades

Spare parts

SERVICES

- Original spare parts
- Upgrades
- Remote diagnostics
- Consulting in process engineering
- Training



BREYER Remote diagnostics system

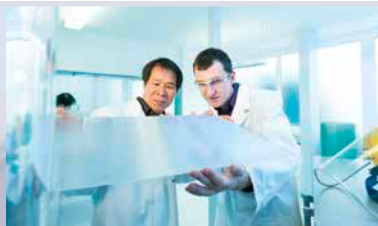
We can keep a close eye on your system at all times and can offer immediate help.



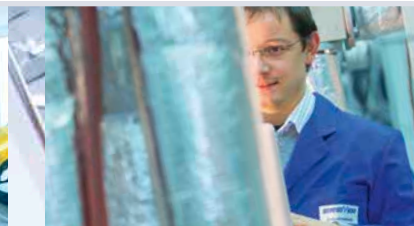
BREYER Innovation Center



Product development



Material development



Line check



Research and development means always to be ahead of time.

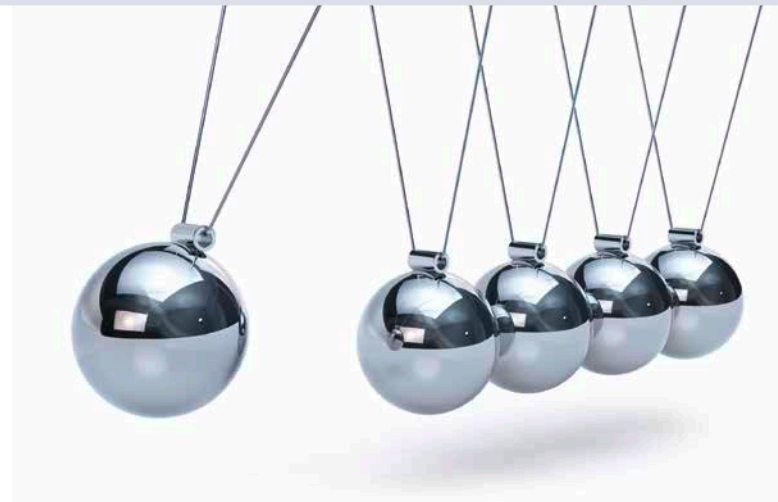
Corporate development supports us all.

Our customers' ideas are always an inspiration and a positive challenge. Together we can develop new approaches and methods for technical implementations.

Throughout BREYER extrusion history we have been successful in developing products together with manufacturers, suppliers and our customers.

Benefits

- Modern equipment
- High flexibility
- Custom-made products on short notice
- Help-desk
- International contacts and research networks



Setting essential standards on the market.

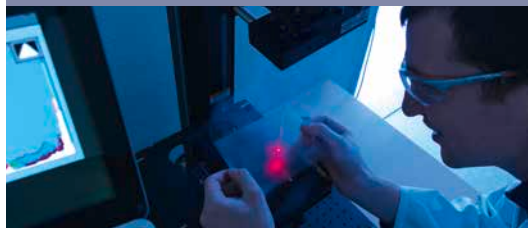
With BREYER you'll have more room for your creativity. Please contact us should you have any individual suggestions or if you want to try something new. Our extensively equipped BREYER Innovation Center and our lab equipment are available for all ideas.

RESEARCH & DEVELOPMENT

Our research and development engineers and technicians are looking forward to helping you with all questions concerning production and process engineering.

Analysis and
measurement technique
BREYER Innovation Center
Computer simulations
and calculations
Cooling measurements

Birefringence measurement



Infrared thermometer

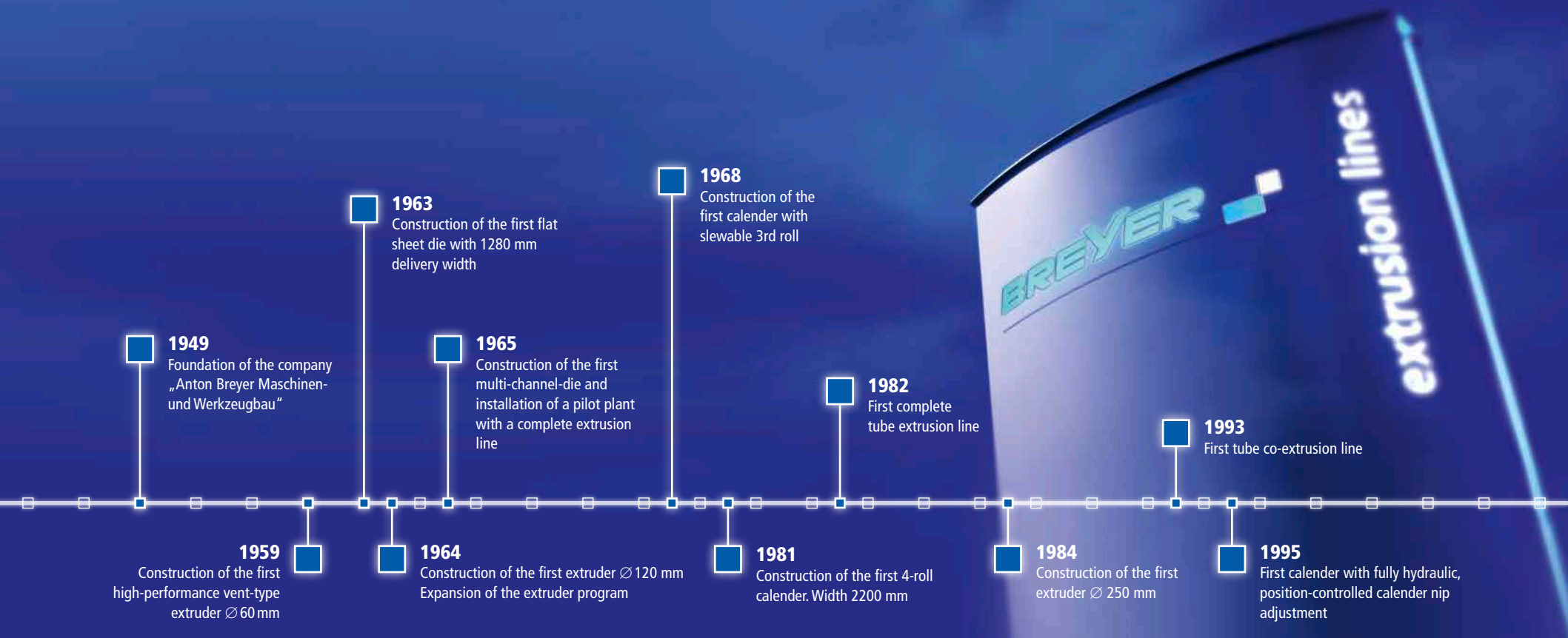


Process development





Milestones of success



BREYER – A success story to be continued.

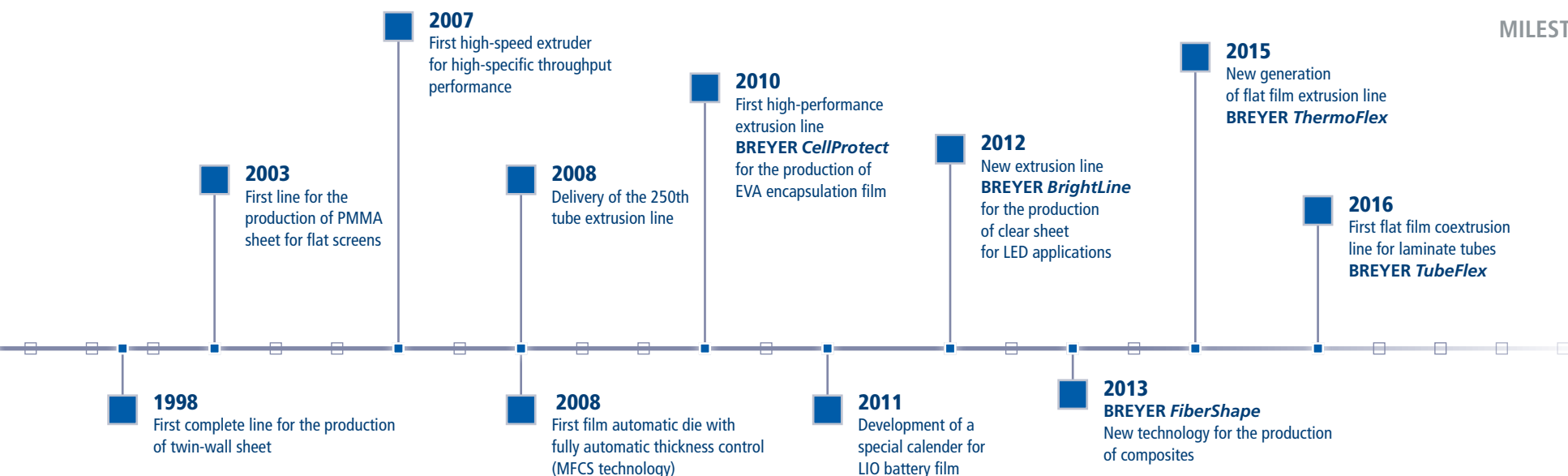
Corporate history is much more than just a pretty photo on the wall.

The more than 60-year history of BREYER is the history of a dynamic company, defined by its organization, its philosophy and its culture.

This means constant learning and a dedication to self-improvement. This special form of internal cooperation helps us

to meet the challenges of an ever-changing market, both now and in the future. This is an understanding that has not only contributed to enormous growth, but which time and time again inspires successful cooperation with our customers. Today we develop and manufacture cutting-edge extrusion technology for the global market with a team of more than 250 employees.

MILESTONES



BREYER

extrusion lines

BREYER GmbH Maschinenfabrik

Bohlinger Str. 27

D-78224 Singen

Germany

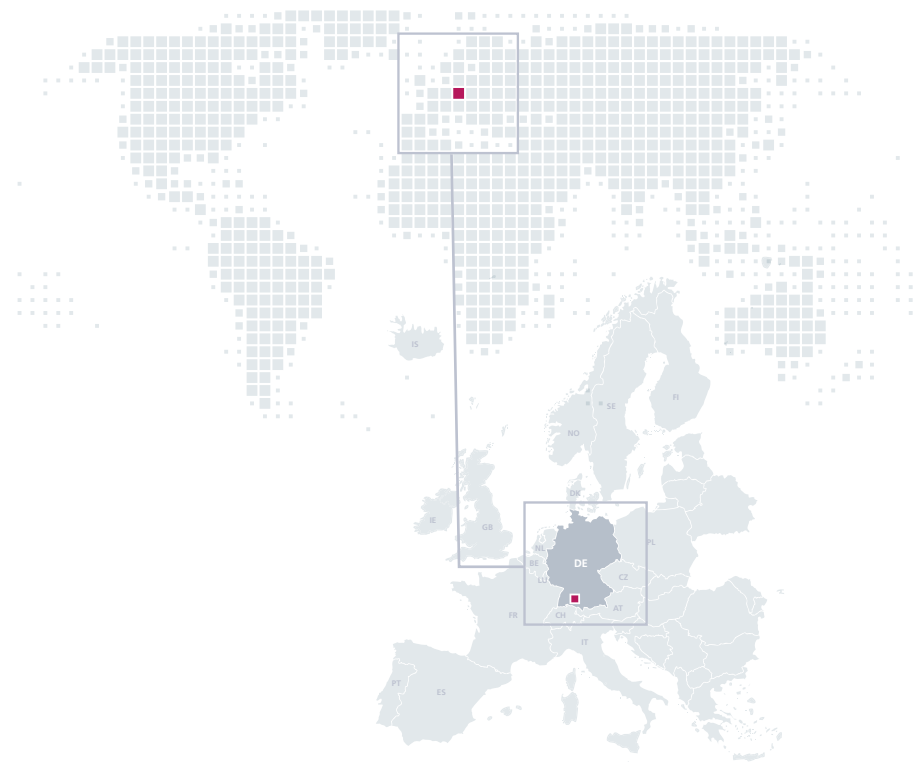
Tel. +49 77 31 920-0

Fax +49 77 31 920-190

info@breyer-extr.com

www.breyer-extr.com

Visit our Website
www.breyer-extr.com



© BREYER GmbH Maschinenfabrik - 05/16/2000 - www.bohner-concept.de

Clear sheet



Technical sheet



Film



Tubes



BREYER extrusion lines – made in Germany.
Quality extrusion lines
for the plastic-processing industry.