

EXTRUSION SYSTEMS

WEAR TECHNOLOGY

PRESS SYSTEMS



Technology, machinery & service:
Your partner for extrusion systems, press systems
and wear technology.





Well positioned with three fields of business: Wear technology, extrusion systems and press systems.

The Boyke Technology Group is a closely linked group of companies with extremely diverse markets and a wide-ranging customer base both in Germany and abroad. Development, manufacture, sales and process optimisation form the core of our business.

As a result of the wide diversity of its products the Boyke Group has in recent years succeeded in providing innovative benefits to a wide spectrum of industries and particularly to the plastics processing industry. Following the foundation of the first company in 2003, the Group expanded very quickly and now employs over 50 people on 3 sites. The Group appears in the market under three different names, each indicating its three different specialisations: »Boyke Wear Technology«, »Boyke Press Systems« and »Boyke Extrusion Systems«.

Our customer-specific focus reflects our strategic alignment: adapt to the market or fail. We keep up with the times and have recognised that only integrated solutions create benefits for our customers. In this process our employees form the foundation for everything we do and breath life into our strategy.

**On behalf of the entire Group we look forward
to the challenges you bring to us.**

Hans Peter Boyke Matthias Boyke





Our core skills in brief:



Boyke Wear Technology

The business area devoted to spare parts for the plastics processing industry, with its emphasis on the regeneration and remanufacture of screws and cylinders, was founded in May 2003 by Hans-Peter Boyke. Its immense wealth of process know-how and concentration on the service area still form the foundation of this successful business. As a result of the increasing wear on process components, Boyke Wear Technology is more sought after than ever for its expertise in materials and wear technology.



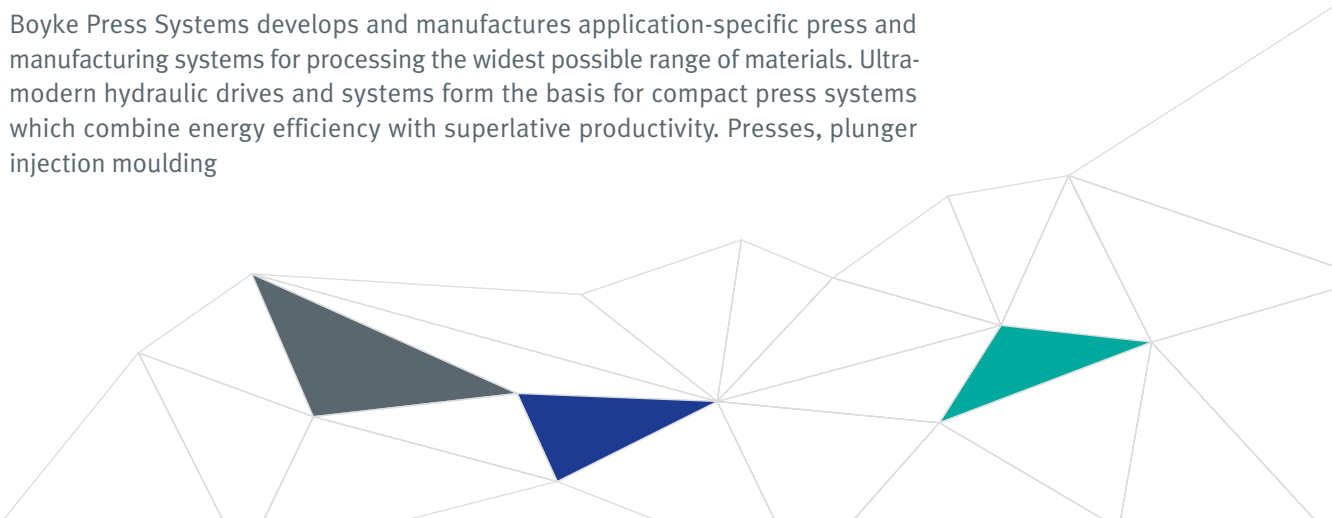
Boyke Extrusion Systems

Based on over 50 experience in the construction of plastics processing machinery, the Extrusion Systems section of the Boyke Group can look back over a successful past. With the development of its own designs and systems and the adoption of external systems from a wide range of market players, Boyke Extrusion Systems has extensive process know-how at its disposal and is well positioned for the future. Thanks to a broad spectrum of process technology we are in a position to develop solutions based on cross-fertilisation between different production processes.



Boyke Press Systems

Boyke Press Systems develops and manufactures application-specific press and manufacturing systems for processing the widest possible range of materials. Ultra-modern hydraulic drives and systems form the basis for compact press systems which combine energy efficiency with superlative productivity. Presses, plunger injection moulding





Extrusion Systems



From traditional machine construction to high-tech forgings for extrudes and extruder systems

With state of the art machine concepts and practice-oriented designs Boyke Technology GmbH is setting new standards in the field of extrusion technology. Following the change in the company structure in 2014 the extrusion segment of the Boyke Group is able to undertake even larger projects effectively and systematically. The Technical Centre with its wide range of machines enables us to undertake test runs and analyse customer-specific problems; given its many facilities it can also be used across different industry sectors. Whether the development of new process or manufacturing technologies, the conversion of existing machines and equipment or the integration of new plant control systems into existing manufacturing processes, Boyke Technology is your reliable partner for the expansion of your process technology know-how.

The core areas of Boyke Extrusion Systems include:

- Main and co-extruders for an extremely wide range of applications and materials
- Pipe, tube and profile extrusion lines
- Extrusion lines for blown and flat films
- Extrusion lines for cladding or coating
- Hot melt extruders and special extruders
- Special machines and retrofitted equipment

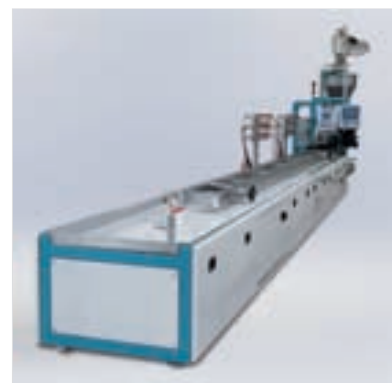
In Boyke Technology you have at your side a partner with long-standing experience in extrusion technology and the construction of customised machines.



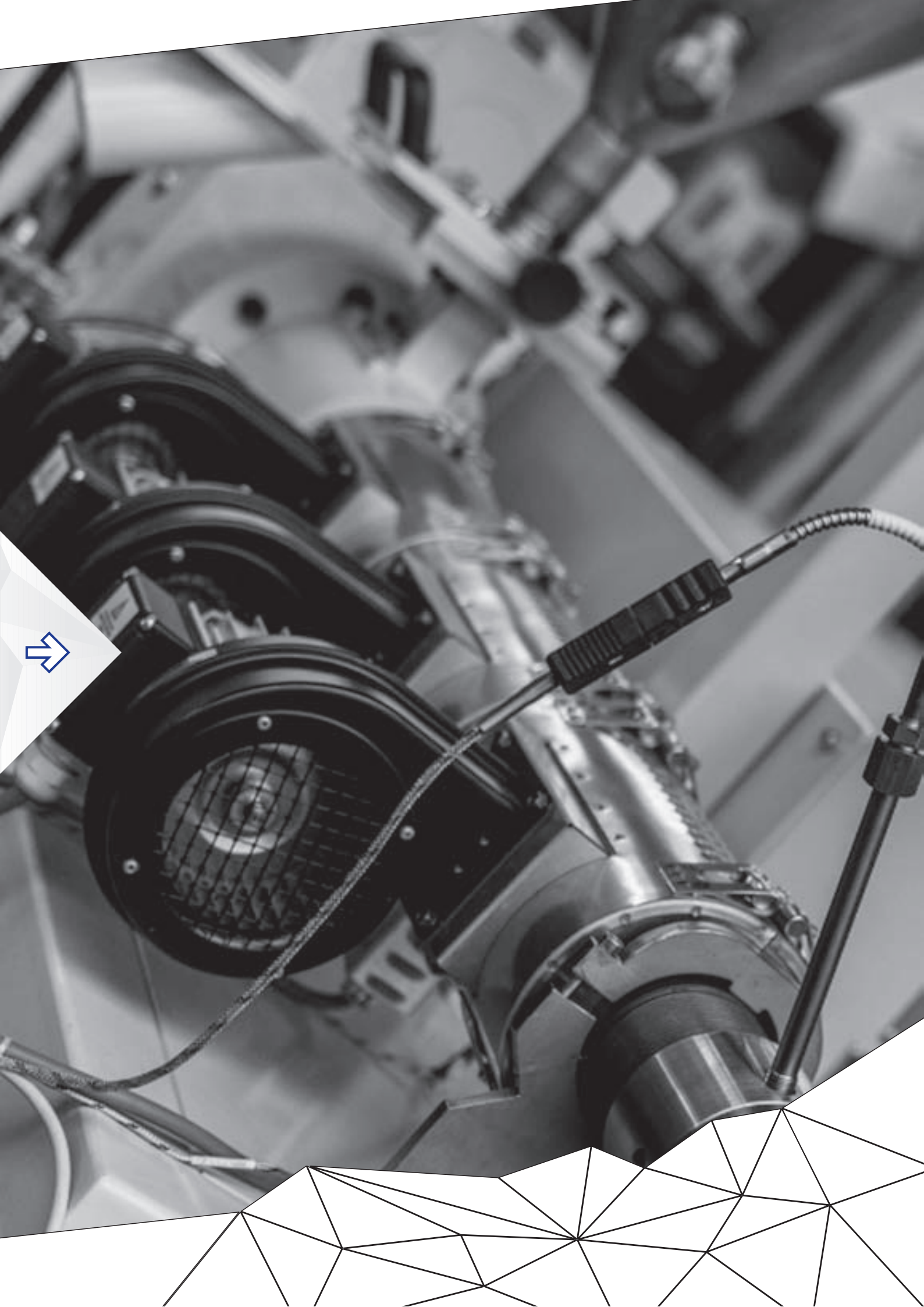
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CUSTOMER-
ORIENTED PLANNING

MATERIALS
SPARE PARTS
IDEAS
INTERFACES

SERVICE

**KNOW-HOW
NETWORK**

PROCESS OPTIMISATION

MACHINE SOFTWARE AND VISUALISATION

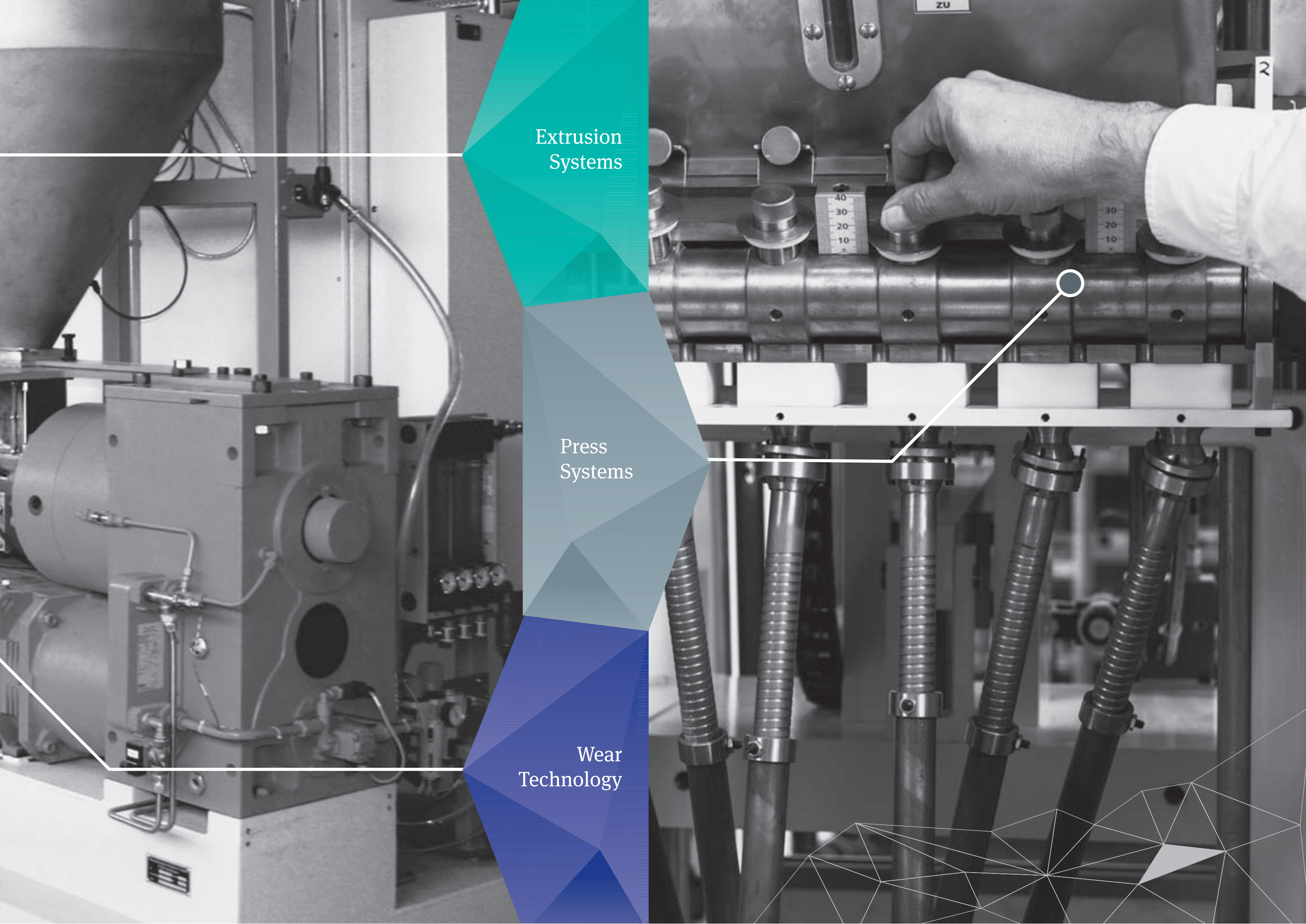
PRAGMATISM

DEVELOPMENT
& ENGINEERING

WEAR TECHNOLOGY

DESIGN

QM AND PROCESS CONTROL



Extrusion
Systems

Press
Systems

Wear
Technology



Wear Technology

Regeneration and remanufacture of screws and cylinders

Boyke Wear Technology GmbH manufactures wearing parts specially customised to match the needs of your manufacturing processes. Parts are manufactured according to samples or drawings. Potential optimisation by the use of special materials, coatings or modification to the screw geometry contributes to the improvement of the manufacturing process and a longer working life of the wearing parts.

Regeneration is by means of a process we have tested and approved which uses special filler materials. This guarantees a wear-resistant surface and almost perfect freedom from cracks during processing.

The use of filler materials in the welding process produces an extension to the part's working life when processing abrasive materials and mixtures with all possible filler media which cause fretting, cavitation and rolling wear.

A comprehensive range of services completes the Boyke Wear Technology portfolio.

- Remanufacture of wearing parts
- Regeneration of screws and cylinders
- Wear technology / cladding
- Design / process design
- Survey and repair service



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Press Systems





The youngest business area of the Boyke Technology Group is Boyke Press Systems which specialises in hydraulic press and equipment systems.

With the continuation of the press-related business of Viebahn Pressen GmbH,, the Boyke Group can now offer plant and equipment for batch manufacturing processes as well as continuous processes.

The main part of the business centres on presses and press systems for forming and shaping all versions of plastics, special compounds with high filler contents and even ceramic constituents. At the traditional core of the manufacturing spectrum are single and multi-station presses as well as plunger injection moulding machines with clamping forces up to 800 tonnes for the mass production of workpieces made from rubber, ceramics or artificial resin. As well as presses and press technology, Boyke Press Systems also supplies accessory machines such as plasticisers and pelletizers as stand-alone machines or for integration into existing automatic presses. Accessory machines also include BMC feeders and feeders for moist polyester.

Strainers or ram extruders for the careful purification of untreated silicones or for shaping plastics or ceramic compounds are also offered by Boyke Press Systems. In addition to the wide range of stand-alone machines, we also offer our customers the development and planning of complete production facilities and process plants. A large volume of wide-ranging industrial machinery has been successfully commissioned in recent years.

We would be pleased to advise your company - just contact us.

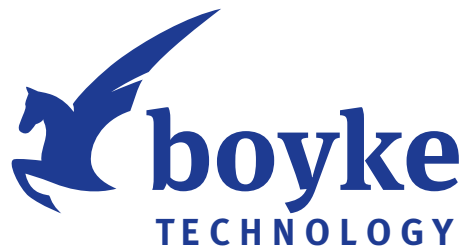


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EXTRUSION SYSTEMS

WEAR TECHNOLOGY

PRESS SYSTEMS

Sales and service for Germany, Europe and the whole world
by established onsite network structures.



»Made in Germany« for your production and your process.

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