

An aerial photograph of a lush green landscape. The terrain is divided into several distinct sections by curved, light-colored paths or roads. The vegetation is a mix of vibrant green and yellowish-green, suggesting different types of plants or grasses. In the upper right corner, a portion of a grey asphalt road with white lane markings is visible. The overall impression is one of a well-maintained, sustainable environment.

Sustainable Solutions Worldwide.

Process engineering for efficient
plastics extrusion of tomorrow.

battenfeld-cincinnati 



Today, everybody's talking about the issues of the circular economy, conserving our resources, and energy efficiency. As a machinery manufacturer we believe, it is our duty to supply our customers with extrusion concepts that accommodate the needs of our modern world not only since today.

Sustainable Solutions is the promise of sustainable production to our customers. We ensure this for all new and further developments by placing great value to keep tooling and flushing times short, efficient material processing, and to reduce energy and material consumption. Naturally, as part of this we deliver also machine components that have long service lives and require little time for maintenance or cleaning. "Sustainable Solutions" also stands for extrusion components that are just as well suited to new materials as they are to regenerated and recycled ones – helping the process of establishing closed-loop recycling.

It is our goal to solve all processes in the entire production management in an optimal way. Thanks to our global network, strong partnerships along the entire supply chain and cooperation with renowned institutions and associations, we are able to handle these major tasks as a team and adapt to any situation for our customers.

We have set ourselves the goal of offering our customers Sustainable Solutions Worldwide with maximum performance and energy efficiency, because together with our customers we will develop the product solutions for today and tomorrow.

Let us act together and meet the demands of the future.

Gerold Schley
CEO BC Extrusion Holding GmbH

**Sustainable
Solutions
Worldwide.**



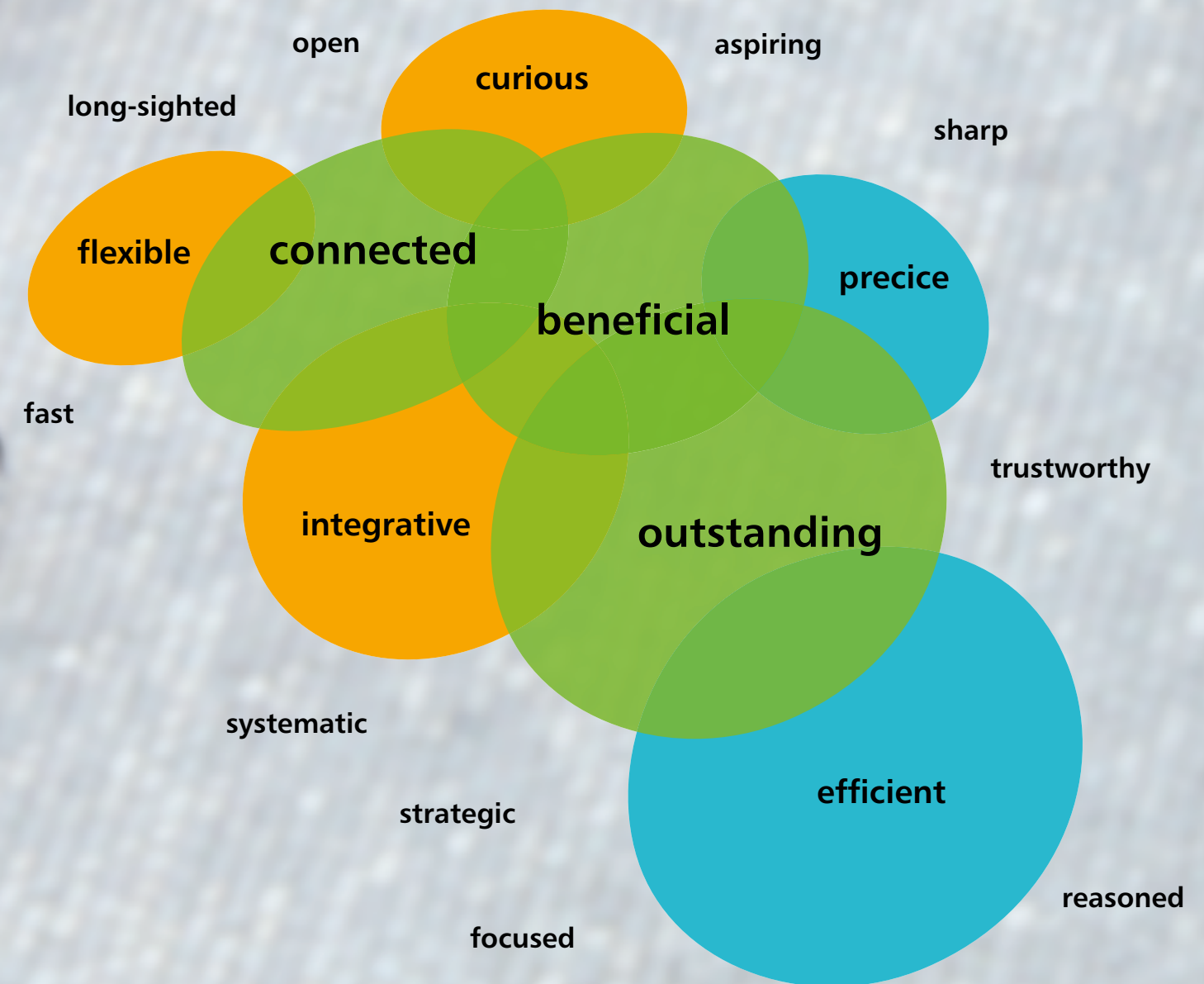
The history of the battenfeld-cincinnati Group goes back to the 1940s and has been at the forefront in developing twin-screw extruders for PVC. Since the start we are 100 % dedicated to extrusion.

Our know-how lies in development and process engineering. By this approach and by the extensive know-how in conception and process engineering of the international staff, we became the most innovative extrusion system manufacturer worldwide.

Our worldwide sales and distribution network service network is supported by our five production sites:

Austria – Vienna
China – Shunde
Germany – Bad Oeynhausen
Germany – Kempen
United States – McPherson, Kansas

**Sustainable
Solutions
Worldwide.**



Applications & Standards

- Quality standards for technical products and consumer goods
- Professional process engineering for a wide range of applications
- Strong design and production competence for post processing

With our global organization and our local production competence centers we offer extrusion solutions for a wide range of applications:

Building Solutions

For large diameter pipe, mono & multilayer pipe:

- Water, sewage
- Drainage, irrigation
- Mining
- sanitary systems
- District heating, gas
- Microduct
- Cable protection
- Telecommunications

Structural Solutions

Packaging Solutions

Life Style Solutions

Functional Solutions

Recycling Solutions

For slabs, foams, films & multilayer films:

- Integral and free foams
- Co-extruded sheets
- Thermoforming sheets
- Calendar loading
- Multi-layer films
- PVC-free plastic films
- Boards

For technical, door & window profiles and pellets:

- Co-extruded profiles
- WPC/NFC
(Floor coverings, fences, wall coverings, railings)
- Automobile profiles
- PVC granulation
- Thermoplastic granulation

**Sustainable
Solutions
Worldwide.**

Machines & Components

- Extruders and complete extrusion lines from a single source
- Tailor-made screw concept and metallurgical in-house solutions
- Global service network at your disposal and for your support

Energy-efficient extruders, which ensure best homogenization, product quality and high performance, are part of our range of complete lines for plastics extrusion. With optimized screw geometries and metallurgical solutions, we provide excellent process design for all applications.

Our extensive service network at your disposal are locally available service technicians, regularly trained and informed about new developments.

Single Screw Extruder – Pipes

solEX, solEX GL, solEx NG
uniEX, uniEX GL, uniEx NG
alpha basic, alpha plus
coEx II

Twin Screw Extruder – Pipes

twinEX
conEX

Tooling – Pipes

Helix II pipe heads
Spider pipe heads

Single Screw Extruder – Profiles

alpha basic, alpha plus

Twin Screw Extruder – Profiles, boards and WPC/NFC

twinEX
conEX NG
fiberEX

Downstream & Systems

for pipe, profile, board and
thermoforming sheet processing

Extruder – Thermoforming sheets

bcHighspeed Extruder
STARextruder

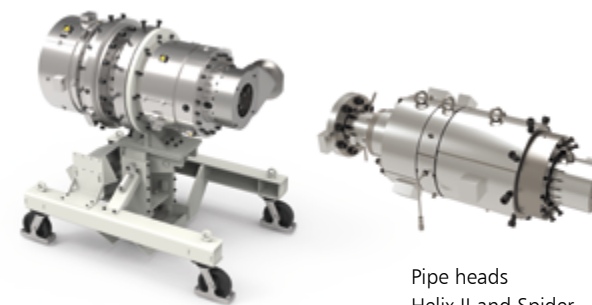
Planetary Roller Extruder Pelletizing extruder

Feedblock – Thermoforming Sheets

Fast Dimension Change (FDC)

Control & Automation

BCtouch UX,
BCtouch UX compact



Pipe heads
Helix II and Spider



Back view of
conEx NG 65



of bcHighspeed Extruder and
vertical Rollstack



Back view of solEx NG 75

Research & Development

- Sustainable solutions with a focus on performance and energy efficiency
- Processability of new materials and innovative processes
- Research projects with academic institutions and universities

The development of extrusion lines with low energy consumption and material usage has been an expertise of battenfeld-cincinnati for many years. Today we focus our new developments on the processability of recyclable materials, on the reduction of raw materials and on a rapid reduction of energy consumption during the extrusion process.

We are providing the plastics processing industry and the extrusion industry a sustainable future.

**Sustainable
Solutions
Worldwide.**



Communication & People

- Your career from apprenticeship to manager
- Working together in a solution-oriented team
- Being part of a global acting company

Our success is based on numerous years of highly motivated and experienced employees and consists of specialists from all relevant business areas like development and production, sales, marketing and financing. Once you've started with us, you stay. The wide range of our further training opportunities and comprehensive benefit plans strengthen your career opportunities.

Our worldwide locations offer various orientation possibilities and are the basis for our team spirit throughout the group.

**Sustainable
Solutions
Worldwide.**



Service & Company Network

- Beyond leading-edge technical service, wear analysis and retrofits
- We offer 23 service bases including 10 worldwide
- 5 production sites, 7 sales subsidiaries and 39 sales agencies

We have an extensive service network at our disposal to support our customers professionally and prompt with technical know-how and spare parts. Our locally available service technicians are regularly trained on the current state of the art and informed about new developments.

Technical Service

- Commissioning, maintenance, inspection
- Repair-in-the-field-Hotline
- Remote diagnosis system

Extruserve

- Completely overhauled extruders
- Screw repairs for many external extruders
- Screws & barrels for other brands

Repairs & Upgrades

- Control retrofits
- New drives for extruders & successions
- Repairs of screws, gears, controls & drives

Spare Parts

- Tailor-made spare parts packages
- Innovative screw design

Wear Analysis

- Regular wear measurement
- Wear protection consulting

Support & Training

- Consulting & training
- Inspection & service contracts
- Energy-saving advice
- Forecasting required key parts
- Material analyses & pilot plant

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- bc Production sites including service
- bc Subsidiaries and representation offices
- bc Sales and service bases

battenfeld-cincinnati Group

BC Extrusion Holding GmbH

Grüner Weg 9
32547 Bad Oeynhausen, Germany

battenfeld-cincinnati Austria GmbH

Laxenburger Str. 246
1230 Vienna, Austria
P +43 (1) 61006-0
F +43 (1) 61006-8
austria@battenfeld-cincinnati.com
www.battenfeld-cincinnati.com

battenfeld-cincinnati (Foshan) Extrusion Systems Ltd.

2 Jinxiang Road, Daliang, Shunde
Foshan, Guangdong, China
P +86 (757) 2238 0110
F +86 (757) 2221 1801 / 2238 0195
china@battenfeld-cincinnati.com
www.battenfeld-cincinnati.com/china

battenfeld-cincinnati Germany GmbH

Grüner Weg 9
32547 Bad Oeynhausen, Germany
P +49 (5731) 242-0
F +49 (5731) 27124
germany@battenfeld-cincinnati.com
www.battenfeld-cincinnati.com

battenfeld-cincinnati USA

823 S. By-Pass, P.O. Box 832
McPherson, KS 67460, United States
P +1 (620) 241-6843
F +1 (620) 241-0207
usa@battenfeld-cincinnati.com
www.battenfeld-cincinnati.com/usa

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