

2022-08-01

## Grenzebach at glasstec 2022

- Grenzebach presents their range of products from hot-to-cold on the glasstec, following the motto "Let us be your guide through the world of glass"
- High-performance technologies are key. With a new cooling channel, innovative dross box and new conveying technology, Grenzebach increases the production quality of all customers
- Grenzebach helps shaping the sustainable energy supply of buildings with the foundation of a new company: The Grenzebach Envelon GmbH produces and supplies solar-active façades
- The digitalization of float glass production lines is further driven by Grenzebach using SERICY

Grenzebach  
Maschinenbau GmbH

Albanusstraße 1  
86663 Asbach-Bäumenheim/Hamlar  
Germany

Contact:  
Lisa Reitschuster  
Phone: +49 906 982-2068  
lisa.reitschuster@grenzebach.com

[www.grenzebach.com](http://www.grenzebach.com)

**HAMLAR / Germany.** "Let us be your guide through the world of glass – from hot to cold": This is Grenzebach's motto at this year's glasstec from 20th to 23rd September 2022 in Düsseldorf. After the integration of CNUD EFCO at the end of 2019, Grenzebach will now present current developments for the hot and cold end on their more than 500 square meters-big booth B23 in hall 15:

- **New annealing lehr** with cooling capacity that is precisely adapted as required, flexible annealing point and significantly reduced energy consumption.
- **Innovative dross box** with motor-adjustable lift-out curve, optimized atmosphere separation and temperature distribution, as well as intuitive control and improved maintenance options.
- **New conveyor technology** for optimized glass production with direct drive, reduced number of components and simpler access to key components.

## Solutions for the digitalization of flat glass production

Grenzebach also addresses the digitalization of highly efficient flat glass production lines. The perfect solutions are provided with the digitalization eco-system SERICY. Be it in cut-to-size optimization, in the digitalization of previously analog information through the recorder app, or through targeted handling recommendations from an operator guidance system based on an AI-trained process model.

### **Foundation of the Grenzebach Envelon adds solar-active façades to the business area**

Grenzebach taps into the field of solar-active building façades, or building-integrated photovoltaic systems, with the foundation of the Grenzebach Envelon GmbH in October 2021. The Grenzebach Envelon GmbH is a system provider for solar-active facades and building envelopes and provides an attractive and aesthetically pleasing option for efficient decentralized power generation. As part of the Grenzebach Group, the ENVELON brand combines years of experience in solar and facades with the engineering art and the Grenzebach glass industry expertise.

### **Grenzebach Envelon presentations on the glasstec:**

- **glasstec Conference:** Presentation from Jochen Weick, Vice President Sales and Business Development of Grenzebach Envelon GmbH: "Glass in active building façades" on 20th September from 11:40 AM - 12:00 PM
- **Special show "glasstec technology live":** Presentation of a colored, solar-active building façade of the Grenzebach Envelon GmbH

### **A new partnership for more efficiency in the glass industry**

Since mid-2022, Grenzebach and the family-owned Nikolaus SORG GmbH & Co. KG, specialist for glass melting and conditioning technologies, are working together in close cooperation. The two leading suppliers of glass production technology are combining their expertise in this partnership to provide their customers with even more comprehensive support. The core task of this cooperation is the provision of engineering services related to glass production and the development of turnkey projects. On the glasstec, the two companies are presenting their services shoulder to shoulder at neighboring booths.

"After a break due to the pandemic, we are now very happy to be back in direct contact with customers and partners", says Markus Gruber, Senior Vice President Business Unit Glass at Grenzebach. "At glasstec, Grenzebach has the perfect platform to present ourselves as one of the leading manufacturers of production equipment for float glass manufacturing. We have a lot in store for you – stay tuned!".



*With the new generation of annealing lehrs, Grenzebach increases the flexibility at the annealing point and thus offers customers new possibilities to achieve the perfect glass tension for all kinds of production scenarios.*

Source: Grenzebach

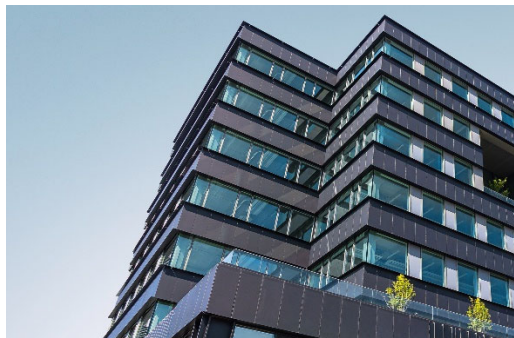
*When the glass is lifted out of the tin bath: the cross box. Improved glass quality through a more homogeneous distribution of temperature across the entire width of the glass.*

Source: Grenzebach



*With SERICY, Grenzebach has created a future-proof Industrial Internet of Things ecosystem over the last few years. It is both the vertical link in the automation pyramid from the field level to the control level and now also the horizontal connecting element for integrating production sections across the line.*

Source: Grenzebach



*An integrated photovoltaic facade on a building from a project in Europe.*

Source: Grenzebach Envelon GmbH; photograph Marc de Winter (Beng Products)

## About glass process technology at Grenzebach

Grenzebach supplies plants for the production and further processing of industrial flat glass and has a wealth of experience with over 300 plants installed. Our industry experience is also rooted in the know-how of CNUD EFCO and GFT, which became part of Grenzebach Group in 2019. Thus, Grenzebach covers a large part of a glass production line: from tin bath to annealing lehr to cold end to transporting the final product to the warehouse. Grenzebach regards itself as a reliable partner that accompanies its customers throughout the entire product lifecycle – customers benefit in many ways from its comprehensive expertise in the hot and cold areas.

## About Grenzebach

Grenzebach is a leading automation solution provider for the global glass, building materials and intralogistics markets. In addition, the company develops new application areas, such as various recycling processes, friction stir welding, the automation of industrial additive manufacturing or digital networking. Grenzebach ranks among the international technology leaders in its markets. The global manufacturing footprint, with production sites in Germany, Romania, the US and China, as well as additional worldwide locations, ensures on-site customer support. More than 3,000 systems installed in more than 55 countries stand for quality and reliability. Since the company opened its doors over 60 years ago, it has been owned by the founding family. With an export ratio of more than 90 percent, Grenzebach is a global player.

### LinkedIn:

<https://www.linkedin.com/company/grenzebach-group>

### YouTube:

<https://www.youtube.com/TheGrenzebachGroup>