

Press Release

Grenzebach Maschinenbau GmbH

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High Tech Solutions have a name – Grenzebach

Grenzebach is a market leader and an acknowledged specialist in handling, processing and automation technology.

We design, manufacture and deliver complete lines and components for the production and processing of flat glass and building panels, for processing of gypsum from raw material to finished plasterboard and special equipment for cutting and drying of veneers. Our expertise extends to production technology for display glass including clean room applications, technology for thin-film photovoltaic modules, process technology and automation systems for strategic industries as well as baggage handling equipment for airports.

A variety of process and optical quality inspection systems and a comprehensive spectrum offered by our Expert Service Centers complement our product range.

Production facilities in Germany, the USA and China ensure Grenzebach maintains close contact with our clients. Local support and service are readily available from one of our many representatives throughout the world.

People to contact at our stand:

Bernd Minning - President

Bruno Geiger - CSO

Egbert Wenninger - Vice President Glass Technology

John Fluker - Vice President Sales Grenzebach Corporation, Newnan, Georgia

Dr. Tao Wang - President Grenzebach Machinery Shanghai, China

Grenzebach – the family owned company welcomes you at glasstec in Hall 15 B42 with the following exhibition focuses.

- Discovering. Developing. Driving. Grenzebach goes 3D. Grenzebach is proud to present a 3D film in their own cinema.
- Defect detection system for the endless glass ribbon of float glass processing lines. This allows Grenzebach to undertake the entire quality assurance in a float glass processing plant.
- System for eliminating ultra short reject sheets from a float glass processing line. This option particularly satisfies the needs of float glass plants mainly producing jumbo and medium sizes. They can now rigorously minimize glass loss by eliminating 200 mm long reject sheets to cullet instead of the traditional 600 mm long reject sheets.
- Ultrasonic welding of junction boxes and holders to solar modules as well as welding holders for facade copings and fittings. What seemed to be out of reach so far can now be done. Grenzebach developed a process for permanently bonding glass and metal without any adhesive.
- Edge decoating laser for thin-film solar modules. Grenzebach proudly present a novel, vertical edge decoating laser. This laser system allows to decoat all usual thin-film modules and to effectively extract the removed particles.

- Non-contact flat glass and solar module gripper system: A novel gripper system for picking the glass from its coated face without touching or damaging the coating. An air stream, generated with ultrasound, sucks the glass and simultaneously builds up an air cushion that prevents the gripper from touching the glass.
- Handling and accumulator technology for flat glass and thin-film solar lines with optional clean room capability.

Please visit us at Glasstec, Hall 15 Booth B42.

Worldwide contacts:

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