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# PRODUCTS OR MACHINERY TECHNOLOGY AND COMPETENCE FOR FLAT GLASS, SOLAR, DISPLAY GLASS AND COATING

The Business Unit "Glass" combines more than 40 years of experience and knowledge in fabrication of flat glass, display glass under clean room conditions and solar modules of various technologies as well as its coating and finishing. From the single component to the complete system. Grenzebach customers all over the world profit from this know-how.

# **FLAT GLASS**



For more than 40 years, Grenzebach is setting standards in plant engineering for flat glass production - from the endless glass ribbon to the stacked single plate and the glass storage area. Around the globe manufacturers rely on Grenzebach lines to produce their float glass, patterned and wired glass, thin glass, coated glass, laminated glass and other special glasses. Efficient, reliable and of highest quality.

#### **SOLAR**







The Grenzebach solar module production lines are the embodiment of our decades of experience in glass processing and finishing. For our international customers we are planning and realizing crystalline and thin-film photovoltaic lines, production lines for the concentrator technology (CPV and CSP) and assembly and module lines - including customized feeding and assembly technology, robot and inspection system and accumulators.

### **DISPLAY GLASS**



Extremely thin and sensitive! Display glass requires special knowledge about handling, transport, cutting and stacking. With high-tech solutions from Grenzebach, our customers easily master the high requirements of production technology for LCD and TFT displays, OLEDs and touch panels in the clean room.

## COATING TECHNOLOGY



The demand for flat glass finishing is constantly increasing. Innovative mechanical engineering and process technologies from Grenzebach as well as specific training e.g. in the field of vacuum and coating technologies ensure best results in the coating process. Furthermore, Grenzebach supports the development of new coating systems for low-e, solar control and solar technology introducing new perspectives and solutions.