FLOAT GLASS INSPECTION

A novel development by GRENZEBACH Algoscan.

Scope of Application:

With 95% the float glass process is actually dominating the production of flat glass used for house windows, car windows, mirrors etc. Excellent Quality is very important for all different applications of glass in downstream operations.

Functionality:

The float glass runs on the conveyor through the camera inspection system IQLine G, which detects all typical float glass defects.

Architecture:

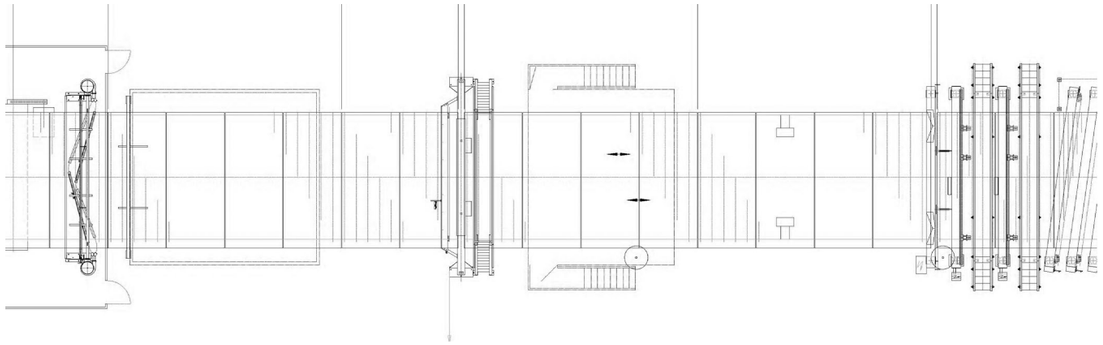
CCD- Cameras with an intelligent LED-Illumination see the defects on the material. This information is processed in a high speed evaluation system for further use by the operator, PLC, Sorters and further peripheries.

Benefits of this inline application:

The automatic inspection is essential for each float glass line, as a constant high quality is needed for a maximum yield of the production itself and for the quality of the final product.

Float Glass Inspection

Inspection width:	4000mm (Option: And more)
Material speed:	max. 25m/min
Material thickness:	2.5 – 25.4mm
Optics:	CCD-Cameras with intelligent LED-Illumination in Transmission (Option: Reflection)
Optical resolution:	130 µm
Detected defects:	Bubbles, Inclusions, Scratches, Cracks, Particles, Inclusions, Drips, Tin spots, ...
Defect Classification:	Automatic
Communication:	Visualization of defects, Statistics. All common interfaces for printer, marker, Cutting, Database, remote diagnosis and maintenance via Internet



GRENZEBACH Maschinenbau GmbH
Albanusstraße 1–3, Hamlar
86663 Asbach-Bäumenheim, Germany
Phone: +49 (0)906/982-2000
Fax: +49 (0)906/982-2108
e-mail: info@grenzebach.com

GRENZEBACH Algoscan GmbH
Machtlfinger Straße 21
D-81379 München
Phone: +49 (0) 89 748558-0
Fax: +49 (0) 89 748558-599
E-Mail: info.gal@grenzebach.com
www.algoscan.com

GRENZEBACH

www.grenzebach.com

TECHNICAL DATA | GLASS

Float Glass Inspection

GRENZEBACH