

GLASSInspector

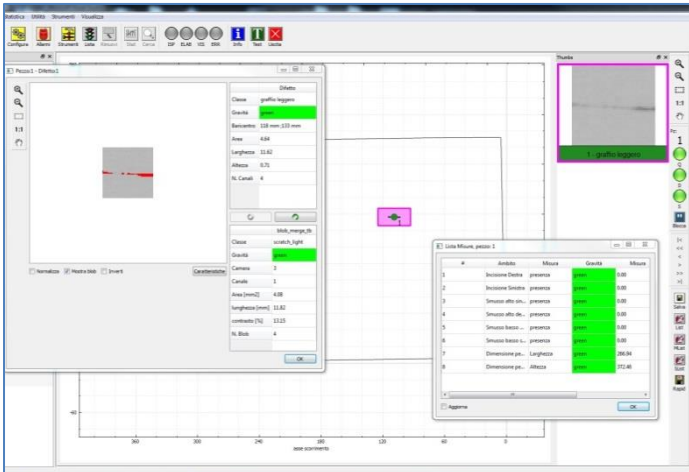
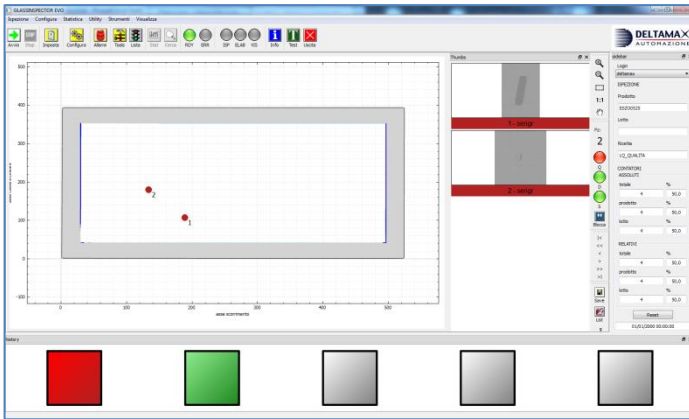
SYSTEM DESCRIPTION

- Usually named *scanner*, GlassInspector is the defects detection system for IG lines developed by Deltamax Automazione, that with 25 years of experience in vision inspection system, developed many applications for glass lines production\transformation. A strong background needed to realize the best solution for any user.
- Since the first installation did in 2007 in the italian plant of Finstral, one of the most important italian company for windows production, the system was developed to be easy to be used, ensuring reliability and precision together with a simple and intuitive environment\interface.
- Fully integrated in the production line, to avoid any problem during work, GlassInspector became an indispensable tool to ensure a constant control to reach the requested quality level.
- GlassInspector is made to detect defects like bubble, inclusion, schcratch, fingerprint, defects on coated side (low-e glasses), dirty, black dot, spot
- GlassInspector could be easily adapted to all the line, require reduced space, limited maintenance operations, maximum flexibility due to the recipes (different set of inspection parameters) management.
- It is possible to interface the system with company production management software. It is also possible to set up the system to store the result of the inspection (data and defects images) and to use them to produce statistic and reports about the production.
- The collaboration with the two most important italian companies in the field of glasses machinery for IG lines, ForEl and Bottero IG, is an assurance of the quality of our work.

CONTACT US

- Deltamax Automazione srl
- via Kufstein, 5 - z.i. Spini di Gardolo
- 38121 Trento (TN) - ITALY
- Phone +39 0461 042301
- www.deltamaxautomazione.it
- info@deltamaxautomazione.it





SYSTEM CHARACTERISTICS

- typical resolution: 0,25 mm
- no need to modify the line
- reduced maintenance operation
- synchronization with the line (no need of speed reduction)
- mechanical structure to simplify system update (es. change to higher line or increase system resolution) **NEW**
- light unit to increase system precision in defects detection **NEW**
- on request: coating side detection **NEW**
- on request: interface with production management software
- on request: system to display defects position directly on glass plate

LINE\PRODUCTS CHARACTERISTICS

- suitable for control of transparent glass, low emission glass, selective\solar glass, etc
- maximum height inspection: modular system, could be adapted to all dimensions
- maximum speed: 40 mt\min
- line type: any, without vibrations and with small slot along all the line height
- already installed on Forel, Lisec, Lenhardt, Bystronic, Bottero, etc.

DETECTABLE DEFECTS

- glass defects: bubble, inclusion, dot, stain
- coating defects: scratch, lack of coating
- process defects: scratch, fingerprint, blemish, mark, spot

SOFTWARE CHARACTERISTICS

- defects classification
- simple and intuitive Graphic User Interface, with different colours to distinguish defects based on their gravity
- customizable inspection level, with management of detection and classification parameters (recipes)
- result and defects images database
- customizable reports and statistics of inspected production

Where we are present

- Australia
- Austria
- Canada
- France
- Germany
- Italy
- Japan
- Malta
- Poland



•Please refer to our website for an updated list