

GLASSInspector EVO

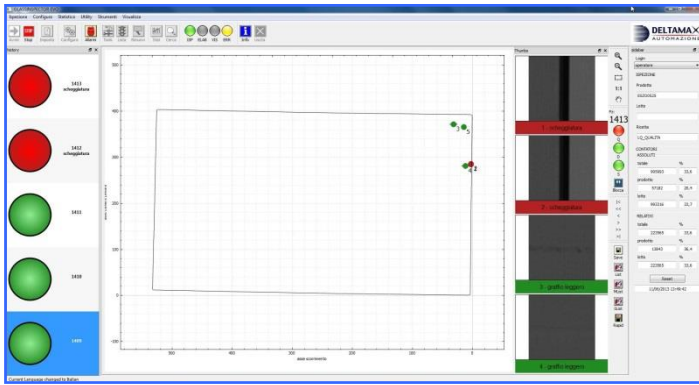
SYSTEM DESCRIPTION

- The EVOLution of the defects detection system for glass named GlassInspector, until today installed on double glazing lines, represent an important step to a more performance and complete system, allowed by the new technologies developed and adopted by Deltamax Automazione technical department.
- The changes that characterize the system are very important and concern many functionality like the capability of detect defects and distinguish between them, or the higher performance of the elaboration process.
- GlassInspector EVO could be used to check the quality of the screenprinting, comparing it with the model approved by the Customer.
- The last functionality of GlassInspector EVO system is the dimensional control, that ensure the respect of tolerance requested by the Customer.
- GlassInspector EVO is extremely versatile: could be used online or offline with an ad hoc conveyor
- GlassInspector EVO could be adapted to each production line, due to the little space required for installation. Reduced maintenance operation and maximum flexibility in the quality level settings with thanks to management of recipes, make EVO the easier system than can be used to check your glasses.
- System database is used to store both products information (such as dimension, screenprinting model, etc) and result (data, defects images) that can be used to produce statistics and reports of production (by lot, by Customer, by model, etc).
- The capability to fit the Customer requirements is not limited on our system: GlassInspector EVO could in fact be used to manage rejection system, to automatize all the quality control process



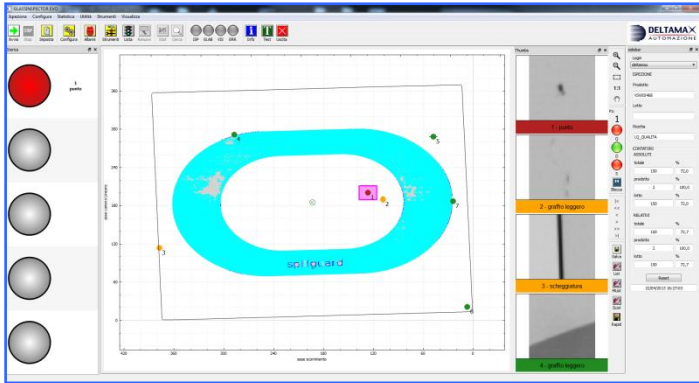
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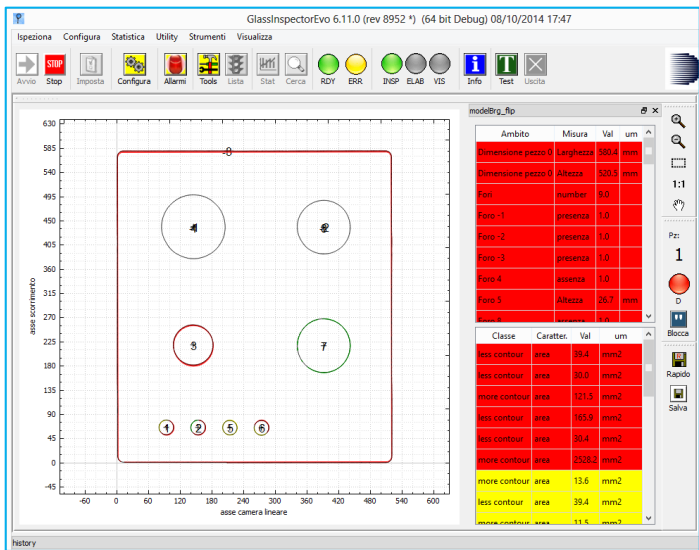
SYSTEM CHARACTERISTICS

- typical resolution: 0,2 mm
- reduced space for installation: 200-1.000 m depending on version
- adaptable to all line without modification
- limited maintenance
- synchronization with the line
- connection with production management software
- connection with rejection system
- on request: furniture of rejection system



LINE\PRODUCT CHARACTERISTICS

- maximum width: adaptable to all lines (modular)
- maximum speed: 20 mt\min
- line type: all, without vibrations and with a little slot along all line width
- on request: furniture of ad hoc conveyor



SOFTWARE CHARACTERISTICS

- recipes (set of parameters) management
- model management with database
- database for result and images\data storage
- customizable statistics and reports of inspected production

QUALITY CONTROL

- defects classification
- customizable inspection parameters, for each class of defect
- repetitive defects detection
- on request: integration with tin side detection

NEW

SCREENPRINTING CONTROL

- comparison with model (DB management) to check:
- completeness (also applicable to logo)
- position (also applicable to logo)
- dots (absence\merge)
- drops of ink presence

DIMENSIONAL CONTROL

NEW

- comparison with model (DB management) to check:
- correctness of shape and dimension
- completeness and dimensional control of processing (ex. hole)
- processing position
- reverse engineering

Where we are present

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



•Please refer to our website for an updated list