

Integrated quality management moves forward with **DELTAMAX EVO**

As production speeds rise and processing grows more complex, DELTAMAX EVO supports flat glass manufacturers with integrated, automated quality control. The system combines inspection, measurement, data tracking, image archiving and reporting - helping operators manage defects, verify processing and improve production reliability across horizontal and vertical lines.



EVO: THE KEY TO QUALITY CONTROL IN FLAT GLASS

Production speeds are rising, and processing operations are becoming increasingly complex. In this environment, relying on the human eye alone for quality control is no longer sufficient. Across the flat glass industry, the need for more advanced support tools is becoming clear. Operators require systems that can deliver continuous, precise qual-



ity control whilst remaining fully integrated with the production process. EVO, Deltamax's most versatile solution, was developed for this purpose, combining different quality checks with a high level of automation and interaction with the production line.

WHAT DOES QUALITY CONTROL MEAN TODAY?

Quality control now extends well beyond the identification of glass defects. It also includes the verification of dimensions, shapes, processing operations and screen printing. EVO

was designed around this broader understanding of inspection. It brings different types of control into a single system, adapting to production requirements and to the quality level required by each customer. At the same time, it reduces operational complexity, giving every operator access to an easy-to-use tool.

FROM INSPECTION TO PROCESS MANAGEMENT

Quality control can now become an active part of production. Through integration with the line and with management systems, EVO not only de-

etects anomalies but also supports the automatic rejection of non-compliant pieces by interacting directly with the production line. The system also tracks production data in line with Industry 4.0 requirements, archives images and results to support process improvement and raw material selection, and generates reports and statistics that provide a solid basis for forecasts and production planning. In this way, quality control becomes a tool for analysing and optimising the production process. It is no longer limited to selecting compliant and non-compliant pieces. Instead, it acts as an attentive eye upon production, offering precise indications on individual items and broader insight into the entire process through customisable reports.



IS IT POSSIBLE TO ADAPT TO COMPLEXITY?

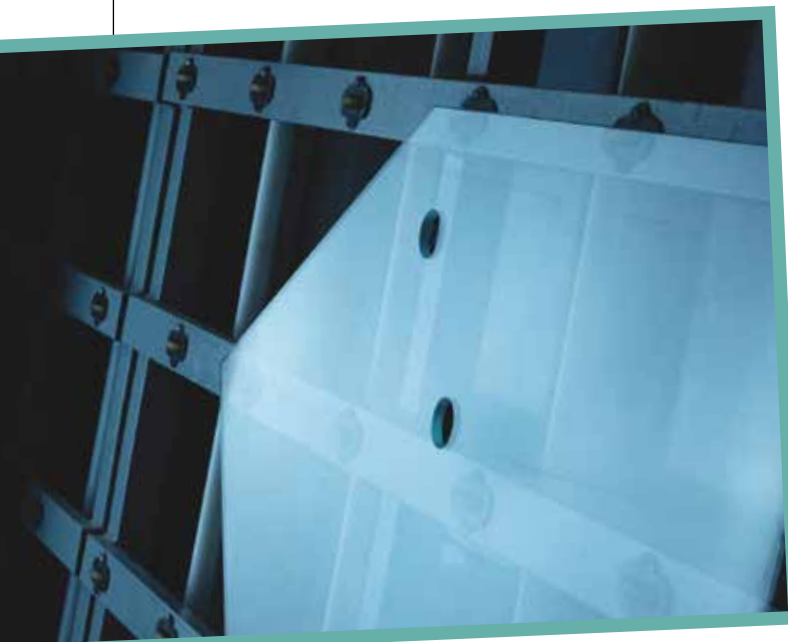
Glass sheets are being produced with increasingly intricate geometries. Screen

printing and processing operations are also becoming more complex, whilst precision requirements continue to rise. At the same time, application sectors are demanding higher quality standards that can help manufacturers strengthen their competitive position. This variability requires flexibility. EVO can be configured according to each customer's requirements at both hardware and software level. It allows different quality levels to be defined and integrates with any production line, whether horizontal or vertical.

but also in the approach to quality. Quality control is no longer a final stage in production; it is an integrated component of the process. This is where systems such as EVO play their role. By transforming inspection into added value, they improve effectiveness and efficiency whilst supporting reliability and continuity at the highest levels.

TOWARDS A NEW APPROACH TO QUALITY CONTROL

The real evolution lies not only in technology,



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