

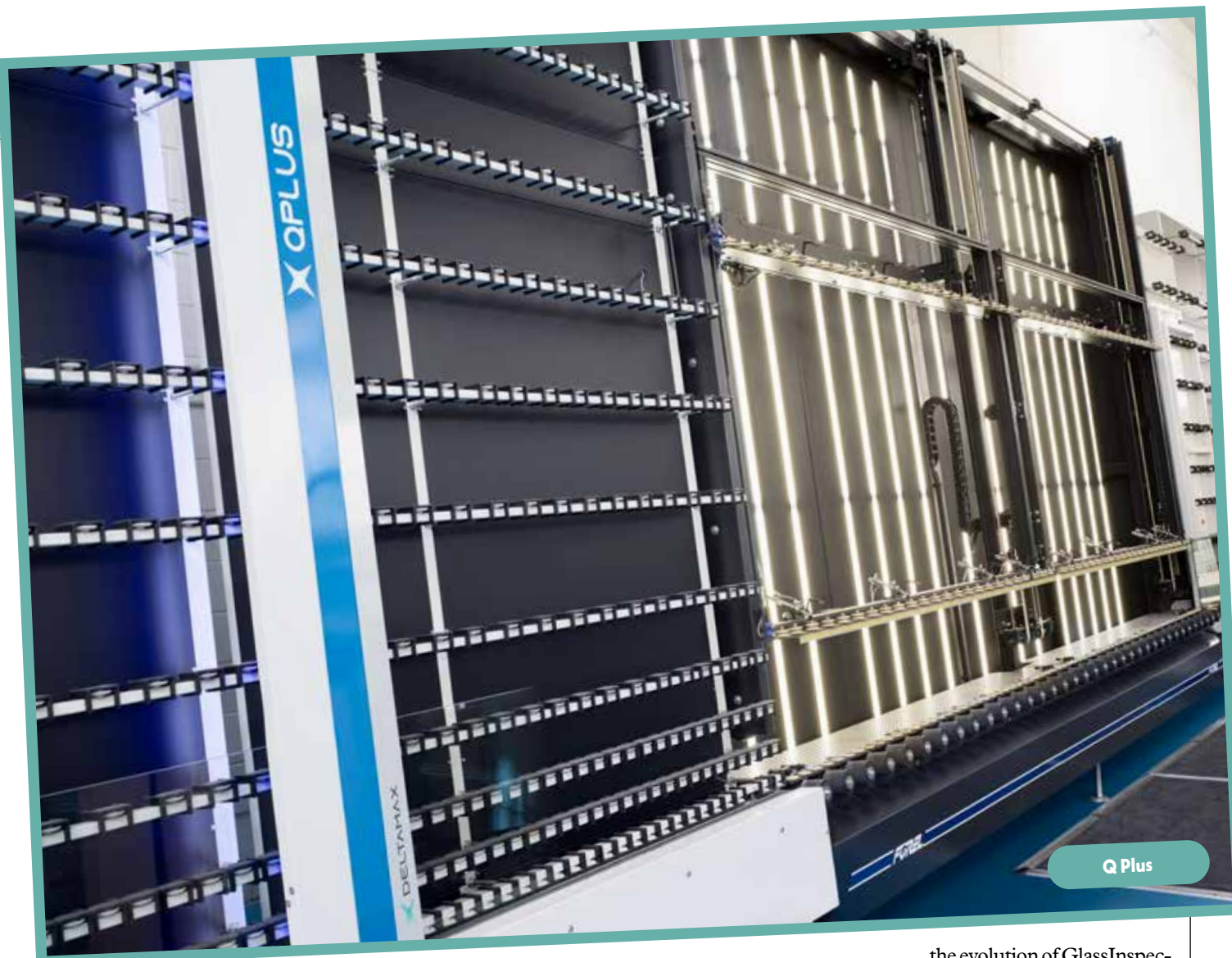
GlassInspector shows **DELTAMAX** expertise in double-glazing lines

Back in 2007, Finstral decided to entrust Deltamax with the provision of a system to improve the quality of its products, thereby guaranteeing concrete and reliable support to its operators. This gave birth to GlassInspector, a scanner

Gaining increasing worldwide success since 2007, DELTAMAX's GlassInspector initially came from a drive to meet growing customer demand. A reliable scanner for glass quality control, it's now evolved into Q Plus to offer enhanced defect detection and it can operate jointly with the company's new IGU Scanner for pre-sealing inspections.



GlassInspector



that was then successfully installed on the insulating glass production lines of the Trento factory before conquering the market and spreading its presence to more than 30 countries worldwide with over 300 installations and more than 200 satisfied customers.

SEASONED EXPERIENCE OVER TIME

That was over 15 years ago and GlassInspector has since grown to become even more reliable and accurate in detecting defects. Above all it has set the foundations for the realisation of new solutions

for glass quality control - all destined to satisfy customers with different and increasingly demanding requirements. Here continuous dedication by experts at Deltamax has made it possible to develop new systems whilst maintaining such fundamental attributes as independence from the line, ease of installation, a high degree of customisation in defect assessment, reduced maintenance - and all without affecting the characteristic reliability of the systems.

GLASSINSPECTOR

Still the company's bestseller today, GLassInspector is the

ideal solution to get started with a focus on quality. Installed after the washing machine so as to inspect clean and dry glass, GlassInspector can detect typical glass defects - whether generated by the production process or by the processing to which the glass has been submitted. Bubbles, inclusions, scratches, dirt and residues are all identified in a timely manner, providing the operator with an intuitive and rational screen as well as photos of the defects and the coordinates of their positions.

Q PLUS

Here the name of the system already betrays several clues:

the evolution of GlassInspector is actually the equivalent of two scanners, for greater precision in the detection of defects - and surface defects in particular. Fine scratches, light marks and stains, roller marks in tempered glass, prints made by vacuum cups in laminated glass and even the infamous halos are no longer a problem - guaranteeing optimum glass quality. The price/performance ratio of Q Plus is unbeatable because the technical department's work at Deltamax has enabled a rational yet innovative solution with a single camera vector and dual lighting - thus allowing two different images of the glass to be captured by using

two different machine vision techniques. A technological condensate that's nevertheless simple to use for the operator while maintaining the user-friendly interface created for GlassInspector, Q Plus can be installed after the frame application station to check, along with the presence of any defects, its position before entering the press.

IGU SCANNER

Deltamax's latest product is a system that aims to respond to an ever more pressing need of insulating glass manufacturers: a product that can check the insulating glass unit before it is sealed - guaranteeing the delivery of a perfect product to the end customer. Such was Deltamax's intention behind the development of its IGU



scanner - a solution that allows all the panes forming the IG unit to be checked, as well as the position of the grooves. The system's performance is comparable to that of GlassInspector for defect detection, which of course includes the identification of any butyl residue within the transparent area.

**Deltamax
Automazione Srl**



Via Kufstein, 5
Zona Industriale Spini di Gardolo
38121 Trento (TN) - Italy
Tel.: +39 0461-042301
E-mail: sales@deltamax.eu
www.deltamax.eu

