

Cura Glass:

Leading glass wholesaler with modern VSG production

"If you can't get it from Cura, you won't get it anywhere," is a saying in the Dutch flat glass industry. Without a doubt, this statement also applies for the Benelux states and for Germany: "We don't see those countries as being 'abroad'," says managing director Matthieu van den Ingh with a wink.

The business model is sophisticated but, thanks to a high delivery capacity and perfect logistics, it is very successful: Cura Glass delivers all required panes of glass anywhere within Europe within five days, be it single panes, boxes or container goods.

The family company that is managed by managing directors Matthieu and Marijn van den Ingh imports glass from across the world and has more than 600,000 sqm of glass with approx. 600 types of glass permanently in stock. One special aspect is the integrated VSG production plant that was installed in 2013: the 600 stored glass types combined with 30 different films means that any type of glass structure can be produced (theoretically 10 million combinations). The fleet of 22 special trucks ensures perfect and reliable delivery logistics; although, whenever necessary, Cura-Glass is capable of shipping mixed shipments and mixed boxes abroad. Cura Glass has its own project department which has realised many complex glass projects in the past. Cura customers profit from the independence of this Dutch wholesaler that works with all high-quality suppliers.



Left to right: Matthieu van den Ingh, Managing Director of Cura Glass; Sandra Kugler, A+W Sales Central Europe; David Verweij, IT-Manager Cura Glass

High delivery capability thanks to high-tech processing.

Cura Glass not only supplies float glass and divided float glass, it also supplies cut glass in any size. To ensure fast and perfect quality processing, Cura has more than 165 excellently trained employees



Intake of the fully automatic Benteler lamination system. Approx. thirty film types are constantly available for use.

and state-of-the-art machinery that is continuously expanded and modernized, starting with the automatic Hegla cutter with an integrated VSG-Remaster and an automatic Jumbo compact warehouse with 60 slots and gantry loading.

The Bovone edge sanding machine processes panes of any size at high speed through to float glass, and will shortly be supplemented with a Benteler CNC sanding system. We also opted for a Benteler lami-

nation line for the automatic VSG production because it is one of the



Top: fully automatic Hegla-VSG cutting system with compact warehouse and VSG-Remaster. Right: The A+W Realtime Optimizer is used to optimize and trigger the Jumbo plates from the compact warehouse and the cuts in the Remaster according to the situation.



fastest of its kind. There is a precision saw available for VSG cut glass to ensure precise cutting.

Fully automatic cutting – intelligent software

When designing the fully automatic cutting process, the Cura Team 2015 compared several software providers before opting for the integrated online control system of the A+W Realtime-Optimizer that continuously controls the Hegla VSG cutting system including the VSG-Remaster. "A+W and Hegla," explains Matthieu van den Ingh, "have worked together on many projects and have an excellent working relationship. Cooperation with the other machine partners also functions excellently. The service and response times of A+W are outstanding!"

Right: The A+W Realtime Optimizer is used to optimize and trigger the Jumbo plates from the compact warehouse and the cuts in the Remaster according to the situation. The residual sheets remain

accessible in the production line and are not stored randomly in a corner after which they usually end up in a waste container. This means higher flexibility and improved yield, it also improves quality thanks to fully automatic handling of the sheets.

The A+W Realtime Optimizer can interlink the runs, split up larger runs and reconnect them again. The machine operator can intervene at any point. Urgent orders and broken panes are integrated easily.



Modern internal logistics: thanks to continuous barcode registration, the position and the processing status of every pane are filed in the A+W Production database and can be called up per mouseclick.



Cura Glass keeps more than 600 types of glass on stock which equates to a total of 600,000 sqm. Thanks to the lamination equipment, any kind of pane structure can be

Production data collection: Where is my pane?

Boxes, containers, truck tours, ship loads: At Cura Glass, this means securely controlling a highly complex logistics process to prevent delayed or incomplete deliveries. However, perfect delivery logistics starts during production in the company with continuous tracking of the panes and status registration. IT manager David Verweij: "We want to know the processing status and location of every pane and every order at any time. This is the only way to ensure punctual and complete deliver-

ies, and also to be able to provide customers with information about the processing status of their panes at any time."

To do this, Cura Glass uses the barcode system of the production control software A+W Production. Systematic barcoding (BDE) means that it is possible to locate every pane at any time, to see what processes it has been through and what still needs to be done. David Verweij: "The A+W barcode tracking has raised our entire production organisation to a new performance level. We are now in a position to work really efficiently without long information paths, time-consuming inquiries or even reproductions."

The barcode is read every time a processing step is completed and the results are sent back to the production database. This means that Cura Glass has installed an almost paper-free process: all information can now be called up via the barcode label.

Consistent barcoding also forms the basis for systematic commercial analyses and cost accounting. Matthieu van den Ingh and his team know precisely how much turnover they generate per day or week or per machine, and also the throughput times of an order.



High-speed edge processing with the Bovone sanding line, from small panes through to float glass.

Continuous modernization

The Cura Glass managing directors Matthieu und Marijn van den Ingh know that continuous optimization of their logistics and production machines is the only way to secure their position as Europe's leading flat glass dealer. For instance, in addition to the purchase of the Benteler CNC processing machine, the cutting process was further modernized by means of a modern sorting system which has significantly improved the speed and quality again.



Well thought-out concept – absolute flexibility

With an independent glass wholesaling business combined with state-of-the-art VSG production, Cura Glass has implemented a successful concept that is unique in the world and one which leads to unbeatable delivery capacity. To be able to deliver the enormous product portfolio in first-rate quality more quickly and flexibly than others, Cura Glass focuses on using networked premium technology that is consistently kept up to the state of the art. Its proximity to the Rotterdam port, the gateway to Central Europe, is a further important location advantage. In short, this traditional Dutch company satisfies all the requirements necessary to continue its success story.

Never heard of Cura Glass? Perhaps you have heard of 'Spliet', which is the name Cura Glass was known under in The Netherlands. During the course of the technological transformation in 2013, Cura Glass came up with a fresh, successful CI, whose elements are oriented on stylised glass panes. Matthieu van den Ingh: "The 'Spliet en de Waal Buchsbaum' glass group has an impressive past but we had wanted to select a new catchy name for a long time. Together with the claim 'Imagine the possibilities', the 'Cura Glass' name was well received in the industry!"

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