

Glas Fritz produces even special elements efficiently

# How to Optimize Your Glass Production through Software

***Maximising customer value through perfect service – the customers of glass processor Glas Fritz have been appreciating this concept for half a century. Learn how this company puts this requirement into practice, using state-of-the art machinery and software.***

Software-controlled, the intelligently networked CNC machinery of Glas Fritz ensure high precision combined with minimal through times. According to the company, the state-of-the-art toughening furnace guarantees top toughening quality, even for thin glass and soft coatings. Experienced glass workers create specialised solutions for architecture, interior design, and product presentation. This includes the production of exclusive, UV-glued glass cabinets as well as the powder coating which Glas Fritz has perfected for producing opaque special glass with highly resilient surfaces. The Swiss plant of Glas Fritz at Rheinfelden produces Pyranova fire protection glass.



**The intelligent production network brings the CNC machinery to maximum performance.**

Orders are entered by the staff at the headquarters in Lörrach and are transferred to the Swiss branch by means of A+W's commercial Software A+W Business. The sophisticated concept of Glas Fritz however requires the readiness for innovations. For decades, the manufacturer has been successfully cooperating with A+W's software for architectural glass. With its user-friendly surface, the order processing system A+W Business embraces all commercial and administrative requirements, from order entry via technical and commercial input all the way to invoicing. Glas Fritz maintain that since the spring of 2016, they have optimized their production processes significantly through A+W Production. Quick through times, transparent communication, improved quality management (QM), and nearly paperless production ensure even more efficiency.

All data have to be entered just once. Based on the technical input via A+W CAD-Designer, the software creates the control data for the CNC processing machinery. Thanks to intelligent A+W interfaces like Cam-DXF, no further programming is required at the CNC processing centres. The software sends all sheet and configuration data real-time to the processing machines: This way, the company produces economically even at batch size one.



**Software partners for more than 25 years (right to left.):**  
**Ralph Fritz, Managing Director of Glas Fritz, authorised officer Thomas Allgäuer, and Sandra Kugler, A+W Central European Sales and account manager for Glas Fritz**

### **Efficient utilization of working time**

Large-format production monitors show the machine operator all details of the part to be produced. By barcode scan, production is released, the sheet is reported complete after processing, and thus passed on to the next processing step, or shipping. Rush orders are integrated smoothly: They are clearly discernible at all processing and prioritized throughout.

Thanks to the A+W's barcode-based operating data collection, the staff can clearly see the whereabouts and processing status of every single sheet: No sheet is lost, and Glas Fritz can provide their customers with details on the production status of their orders at any time. The barcode system refers breakage and damaged sheets to the breakage pool so that they can be immediately remade and are usually shipped together with the same order. „The intelligent networking of our production through A+W Production has shortened delivery times by one to two days.“ Our staff who used to have to search for sheets and laboriously hand-pick them, now work productively“ states Managing Director Ralph Fritz. This has helped to improve process reliability considerably, the error rate has dropped to virtually zero.

### **Versatile inventory – utmost advisory competence**

For high delivery capacity and on-schedule handling, Glas Fritz constantly stockpiles about 200 glass types. The well-equipped stock provides the trade and assembly partners of Glas Fritz with window skylights, glazing accessories, fittings, metal profiles, and PVC elements. Glas Fritz combines glazier tradition and industrial competence.

Glas Fritz believes that this business culture, according to the motto „Global but local“, is their main strength.



**The software-networked production increases the efficiency of Glas Fritz.**

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