A+W Realtime Optimizer

Flexible cut calculator

Your benefits:

- Continuous material flow between cutting and downstream processes
- Consideration of the production sequence arising from fine planning
- Residual sheet reduction due to filling up with rush order sheets or breakage or with sheets from a freely-selectable follow-up optimisation
- Dynamic reoptimisation of any breakage
- Online control of the cutting tables and breakage displays

The fine planning instruments used in glass production and optimisation systems today provide good to very good results thanks to many years of constant enhancement. Nevertheless, it is clear that there is still significant savings potential, especially in the area of glass cutting. Simple optimisation systems for state-of-the-art process flows are generally too rigid and inflexible: glass must be cut as was specified in the original optimisation. However, it's possible to do things differently!

The online cut calculator A+W Realtime Optimizer allows flexible and wide-reaching interventions into production flows even after an optimisation has already been performed: the A+W Realtime Optimizer can chain batches, split up large batches, and recombine them. Optimisation flows can be divided up or re-routed to different cutting tables online and breakages are integrated easily. The already-specified storage sequences are therefore retained – the production sequence of the basic optimisation is not changed.

The residual plate: problem sheet or valuable material?

At many companies, residual plates are regarded with scorn due to time pressures in production – and because a large part of the raw material lands in the breakage container. The handling of residual plates is complicated and blocks a lot of valuable machine time, so that cutting systems are frequently poorly utilised. The poor degree of utilisation leads the high cutting performance, that would theoretically be possible with the cutting system, ad absurdum.

With the A+W Realtime Optimizer, you can use residual plates that arise in real time, that is, in the ongoing cutting process, for example by feeding in broken sheets online. The breakage must only be selected for the remake in the cutting plan, which is displayed via monitor. Depending on the configuration, breakage can be reported to production by any registration point and considered in the online remaking. Residual plate management systems such as the HEGLA Remaster are optimally incorporated into the online control – and thus you can use these valuable sections as efficiently as possible.

With the A+W Realtime Optimizer optimisation flows can be divided up and shifted to different cutting lines; here too, the storage sequence is maintained.

The A+W Realtime Optimizer is also available as a modular, scalable entry-level system – A+W Realtime Optimizer (EL). Thus you can combine the individual options and functions of the A+W Realtime Optimizer as you need them. This results in the best yield for the desired production sequence especially in combination with A+W Business Pro.

A+W Clarity
Software for Glass

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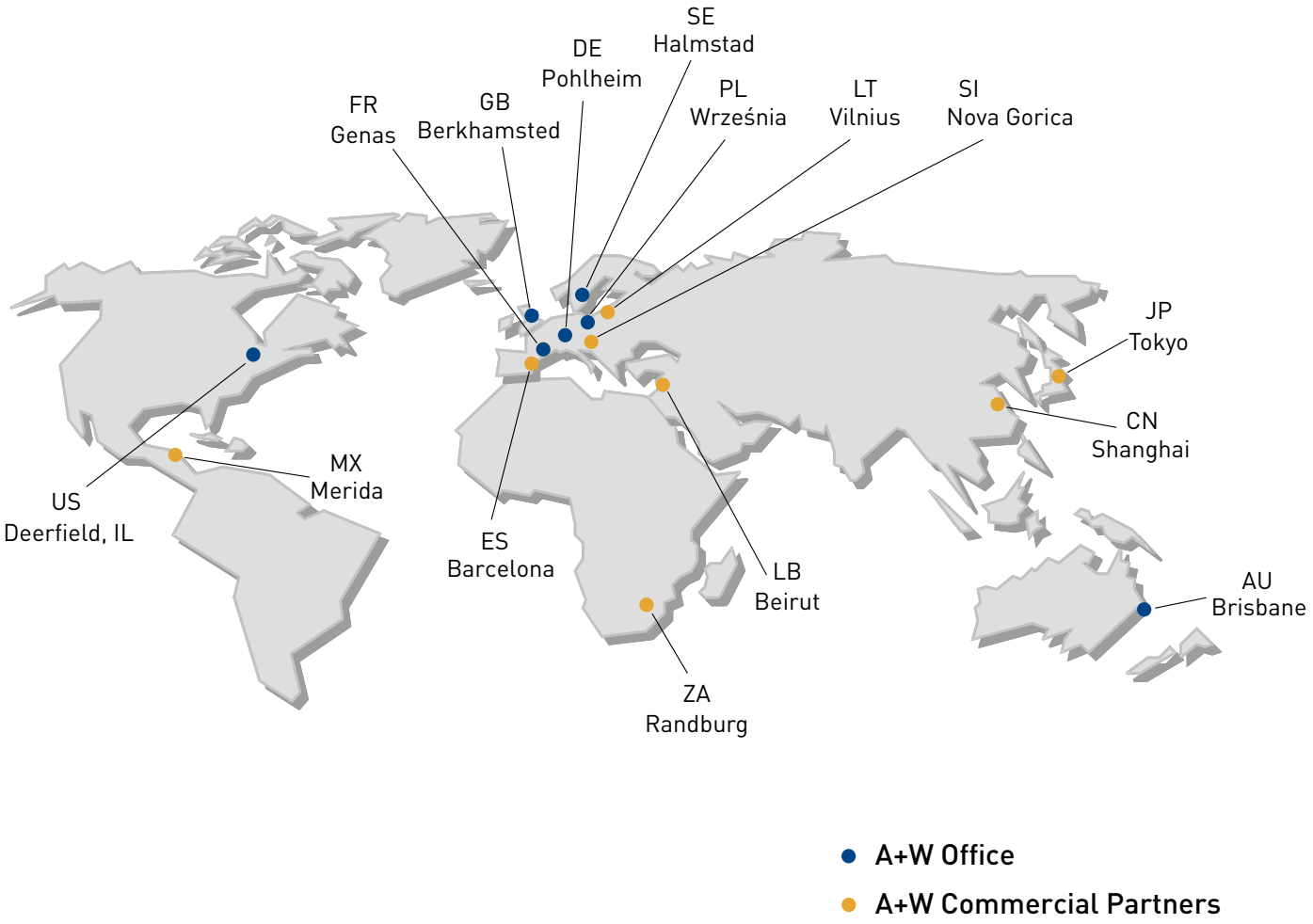

A+W – 40 years of global market leadership in software for the flat-glass, windows and doors industry – for small, medium-sized and enterprise companies.

Our long-term experience is your benefit.

A+W – Your Trusted Advisor

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