



Flexible cut calculator



Your benefits:

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

The fine planning instruments used in glass production and optimization 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 optimization systems for state-of-the-art process flows are generally too rigid and inflexible: glass must be cut as was specified in the original optimization. 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 optimization has already been performed: the A+W Realtime Optimizer can chain batches, split up large batches, and recombine them. Optimization 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 and the production sequence of the basic optimization is not changed.

The residual plate: problem lite 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 utilized. The poor utilization then wreaks havoc with the cutting performance that would theoretically be possible with the cutting system.

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 lites online. Breakage must only be selected for the remake in the cutting plan, which is displayed via the 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 you can use these valuable sections as efficiently as possible.

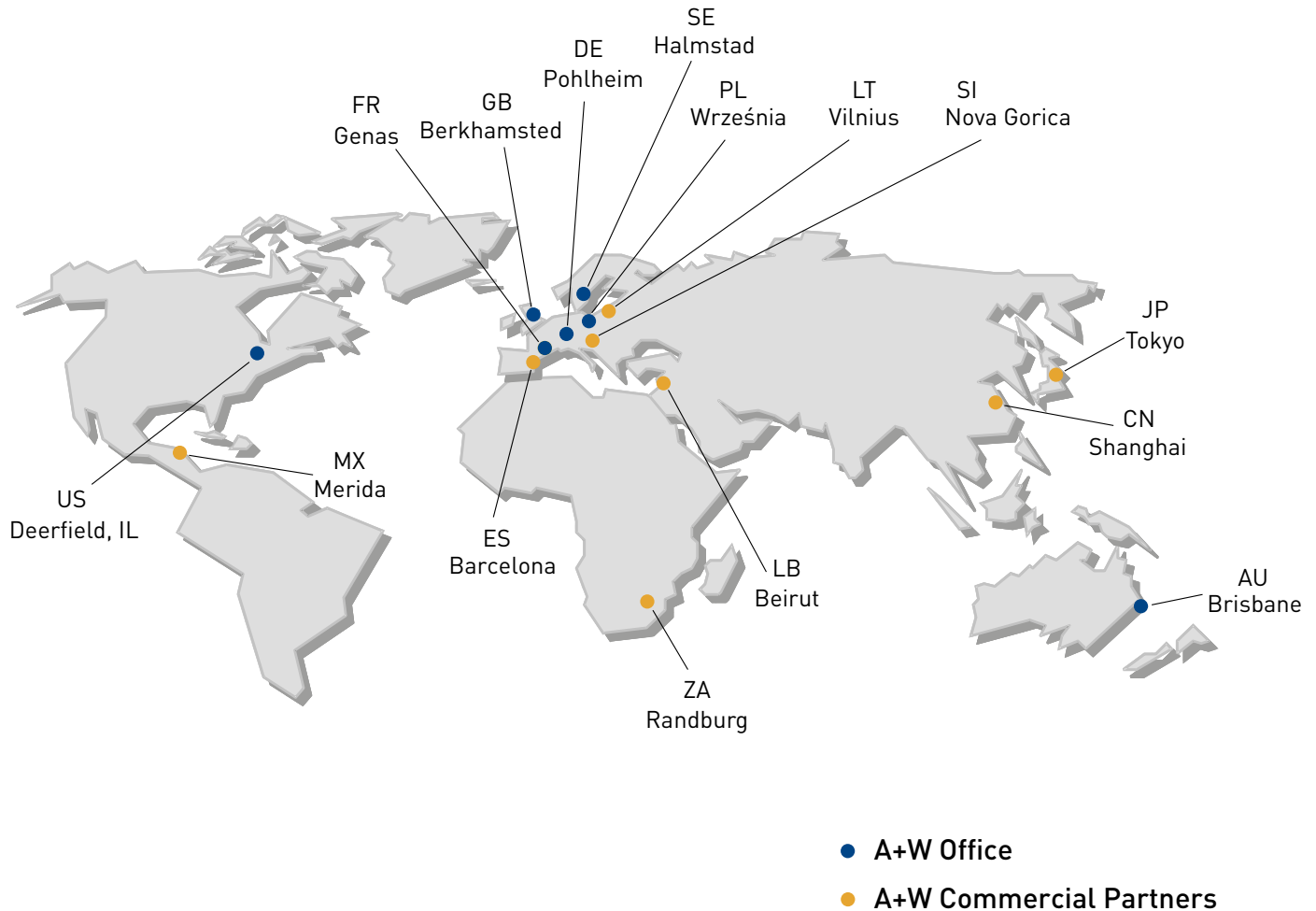
With the A+W Realtime Optimizer optimization flows can be divided up and shifted to different cutting lines; here too, the storage sequence is maintained.

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.



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