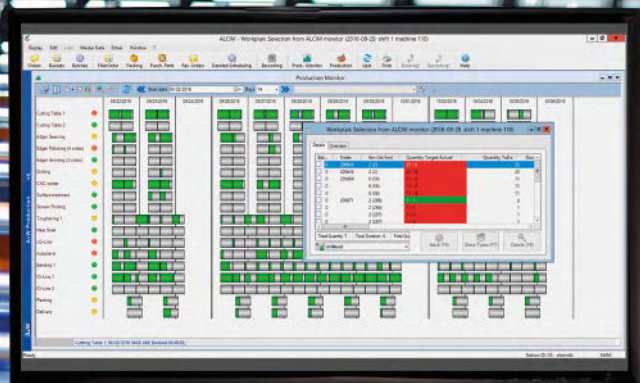




Software for Glass



## A+W PRODUCTION

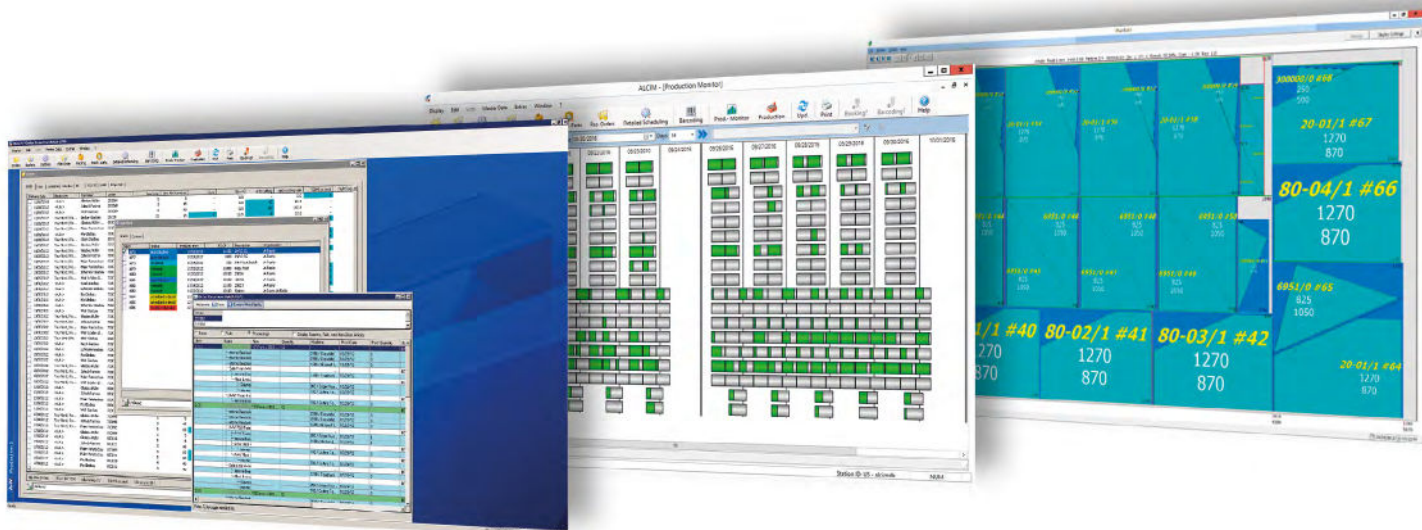
Everything under control.

Thanks to its great flexibility, clarity and deep integration into your production, you always have your production processes fully under control – from planning and optimisation right up to packaging and delivery.

[www.a-w.com](http://www.a-w.com)



## Everything perfectly planned and optimised



### Everything perfectly planned

An expanded product line and state-of-the-art machines are placing ever-higher demands on organisational concepts, as well as planning and control software. These machines, which are highly complex and sensitive high-tech systems, enable high cycle rates and thus quick throughput times, but only if the overall concept is right and the production process is optimally planned and controlled. Therefore, scalable software systems and integrated solutions are the key to an optimised production environment.

A+W Production is an extremely flexible PPS solution for complete rough and detailed scheduling for insulated glass, tempered glass, and laminated glass production. The system allows planning and control of even the most demanding multi-level production flows.

The latest improvements within capacity planning and scheduling such as campaign planning, simplified rescheduling possibilities, and improved scheduling algorithms have expanded A+W Production's functions and simplified the daily business of production management and work preparation.

### A+W Production functionalities

The system can be configured for all production areas and machines and material flow organisations. Information e.g. about status and quantity changes is reported back to the ERP system. Employees in order processing and sales can answer customer enquiries quickly, reliably, and in up-to-date fashion. Delivery bottlenecks are reorganised and adjusted when necessary.

The basic version of A+W Production includes production and close-to-machine rough and detailed scheduling, optimisation, machine assignment, production release, as well as the creation of production papers and labels. In addition to consideration of machine restrictions and specifications for production control, various manufacturers' inspection programs can be incorporated, which guarantees feasibility.

The machine assignment guarantees the primary machine and production alternatives so that if needed, another system can be used for production. The rough planning provides an overview of the production orders in order to hand these over to production in suitable lots.

#### Modules:



A+W Analytics



A+W Capacity Planner



A+W Barcode Manager



A+W Production Terminal



A+W Dashboard



A+W Defect Optimizer

## Your benefits:

- Reduction of direct waste with the latest optimisation algorithms and intelligent expansions such as A+W Shape Optimizer
- Increasing of total yield across the year thanks to efficient handling of residual sheets and breakage
- Management of production flows and multi-level production based on 40 years' experience in the sector Production worldwide
- Modular structure and scalability of the system – optional expansion, for example, to include A+W Capacity Planner and/or intelligent optimisation systems (e.g. A+W DynOpt)
- Intelligent, balanced optimisation: waste and sequencing optimisation, rack and stack organisation and optimisation
- Everything under control thanks to individual sheet tracing and production status/progress control
- Simple, graphic machines and capacity management (incl. WIP) and direct machine control



The special feature of A+W Production rough planning is the quantity/product-oriented regarding of the units to be put into production according to various criteria.

In the detailed scheduling, the production sequence and storage spaces are specified automatically for all parts and processings to be produced. The sequence can arise according to defined organisation forms due to customer specifications, results of a packaging optimisation or production-technical restrictions.

A+W Production Terminal is an ideal complement to A+W Production. It is a software module for online control, visualisation, and monitoring of production flows.

## Control processes – increase yield

A+W Production detailed scheduling controls the material flow for production and at the same time promotes the goal of maximum yield. The user defines which requirements will take priority for process design. Thanks to the implementation of optimal production sequences, there is no more complicated re-sorting, which saves space and time in production.

A+W Production can use various grouping and sorting functions to determine precisely how individual sheets and units must be distributed on racks in order to keep all items for a customer order or all individual sheets of a unit together. And this all happens before the first sheet is cut.

Thanks to the many possibilities for modular expansion and customising, A+W Production is very scalable – the system adjusts to your needs and grows with you.

**Flexibility – sequence – cutting: you decide and control!**

 A+W Realtime Optimizer

 A+W Rack Optimizer

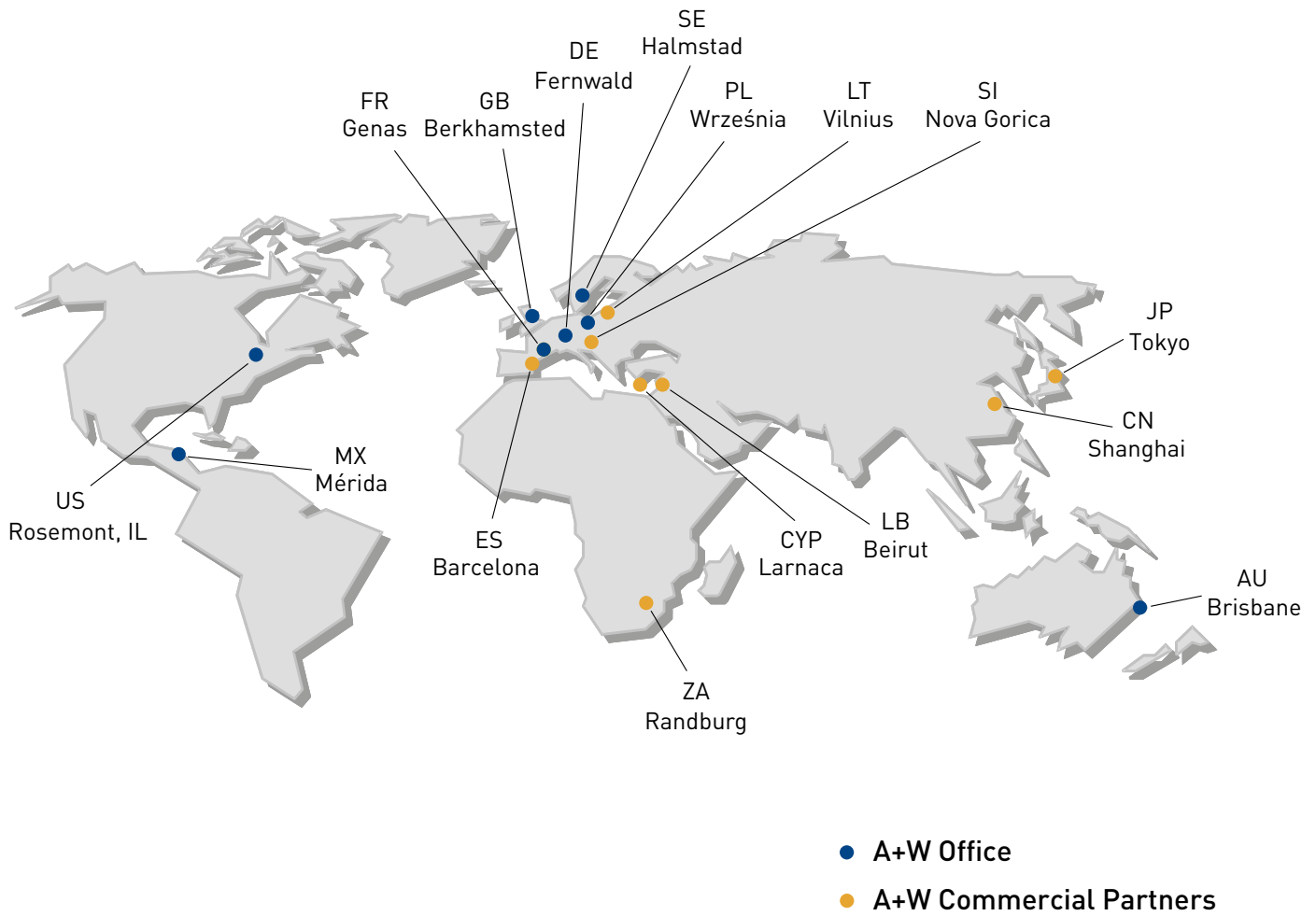
 A+W Stack Optimizer

 A+W Shape Optimizer

 A+W Furnace Optimizer

 A+W DynOpt





**A+W** – over 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**