

The whole precast and prefabrication process in one platform



Design to Production to Construction Site

iTWO Smart Production is a fully integrated and digitalized production workflow for prefabrication. The intelligent software solution with a centralized database enables automated management of the whole prefabrication production process from sales and resource planning to production to logistics and mounting. With an intuitive user interface, the system empowers smooth workflow management, provides users with an illustrated overview of the work procedures and supplies machines with required digital information.



From inquiry to mounting, one platform

RIB PPS manages the whole precast process. Handle sales and calculation and import a BIM model to plan resources in real time. Monitor production in multiple precast plants and have your products arrive at the construction site - right on time for erection.



The master computer for a smart production

RIB MES master computer is the brain of prefabrication production. Through its centralized database, the master computer not only connects machines in the factory, it also organizes your production and gathers all sensor-generated information for immediate analysis, allowing accurate improvements.



Intelligent Controls Systems for Prefabrication

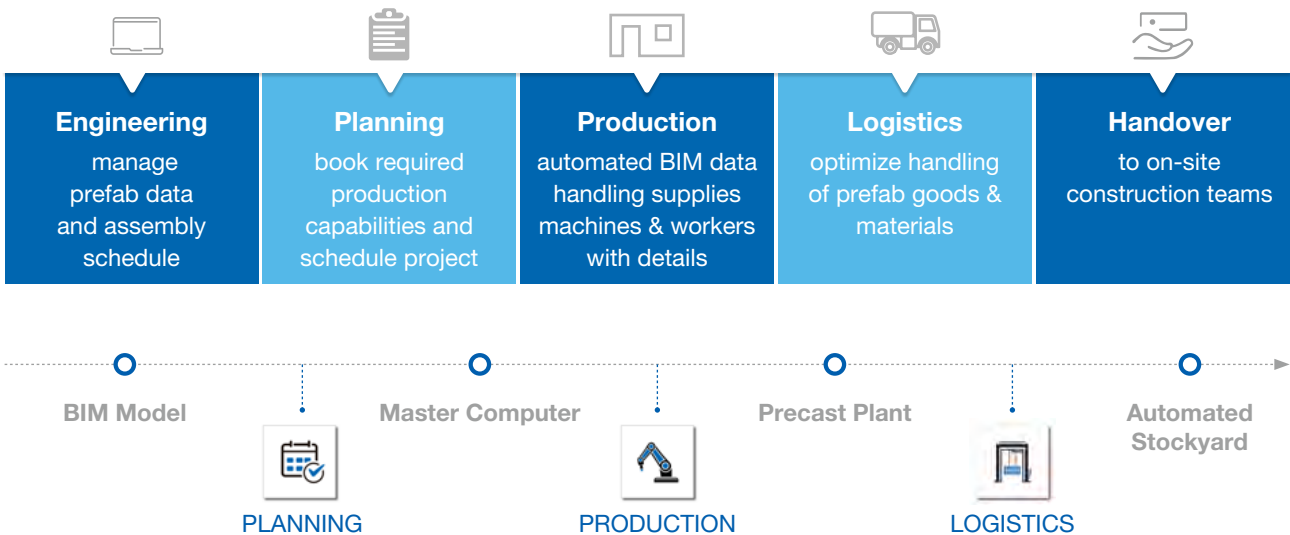
A well functioning pallet circulation system is a precondition for logistical optimization of the production plant. Fully automated concrete spreaders, till turning stations and vibrators, by synchronizing all of these you achieve the pinnacle of production. But we offer more than that: specific solutions, tailor made for your prefabrication plants needs.



Automated Warehouse and Logistics

With RIB SCE we offer individual warehouse logistics solutions based on the latest technologies. The entire logistics process is handled and optimized. Fully automate your storage devices and stacking cranes and automatically commission and handover for truck transport.

iTWO Smart Production - the process



Increased performance in your prefab plant

Maintain a clear overview over all projects across multiple plants



Our approach to increased success

- Digitalize your processes using the BIM method
- A transparent information system allows for optimization along the entire precast supply chain
- Optimize workflows across your organization, from sales office to shop floor to mounting operations
- Automatically check product quality and make improvements based on automated feedback processes
- Measure key performance indicators and avoid idle production lines
- Work sustainably and improve your carbon footprint
- Save money and resources by optimizing production planning

The data from PPS helps us in providing visibility of future capacity utilization and potential over- or under-bookings for our sales, engineering, production and installation teams.

PPS has been instrumental in providing a platform to handle the growth of our precast division.

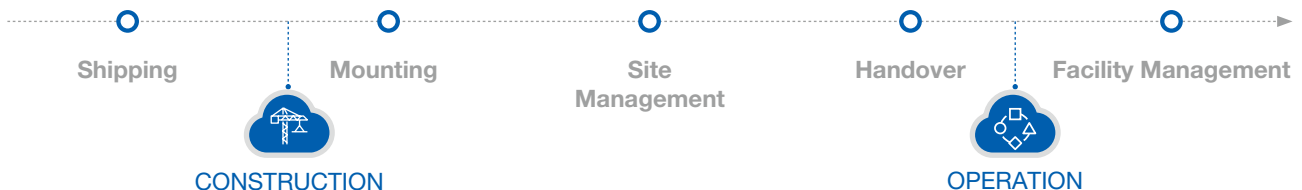
- Henk Van De Ridder, Stubbes's

No more wasted potential in prefabrication

That is what RIB works for every day!

Buildings contribute around 40% of greenhouse gas emissions worldwide. Improved upfront planning and the increase of offsite precast production mean less waste, less re-work and less material use in the finished product, driving down both emissions as well as overall cost.

Driven by our customers goals we aim to not only reduce overall resource consumption, but also improve the overall prefabrication process. This means greater savings in terms of manpower and resources and reduced construction time.





RIB
running together

RIB Software

Tel: +43 1 641 42 47-0
sales@saa.at
www.rib-saa.com

www.rib-software.com