



**RIB | One Prefab**

**Design to Production to  
Construction Site**

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# Design to Production to Construction Site

RIB One Prefab 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 installation, one platform

Our Prefab ERP manages the whole precast process. Handle sales and estimation and import BIM models to plan resources in real time. Monitor and schedule 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

MES is the brain of prefabrication production. Through its centralized database, the master computer not only connects machines in the factory, it also gives the ability to create detailed bed layouts and provide quality management control throughout the plant, allowing accurate improvements.



## Intelligent Controls Systems for Prefabrication

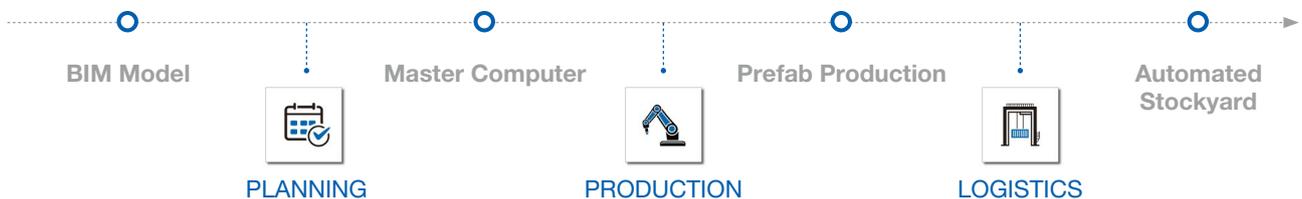
A well functioning pallet circulation system is a precondition for logistical optimization of the production plant. Our Automation experts knowledge extends across all machines used in prefab manufacturing, enabling them to work from BIM data inputs. Our 24/7 support hotline keeps your plant running at all times.



## Automated Warehouse and Logistics

With Stockyard we offer individual warehouse logistics solutions based on the latest technologies. Digitalize your stockyard through our mobile app and desktop solutions. Fully automate your storage devices and stacking cranes and automatically commission and handover for truck transport.

## RIB One Prefab - 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 One Prefab helps us in providing visibility of future capacity utilization and potential over- or under-bookings for our sales, engineering, production and installation teams. One Prefab 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 used 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. By manufacturing complex products in the controlled environment of a plant and automating inefficient workflows, we provide greater savings in terms of manpower and resources and reduced construction time.

