

OMNIFAB MATERIAL FLOW

Speed up production:
Maximise machine utilisation.
Move material automatically.



DIGITAL

Maximise machine times, accelerate production

When automating production processes, increasing efficiency and productivity is often the top priority. Combine the use of your machines with your IT and automated material handling systems. Accelerate your production and reduce the failure rate. Maximise the utilisation of your machines so that they are working at full capacity around the clock.

OmniFab takes over the control for you

Let OmniFab Material Flow automatically control your material flow and supply your machines with the right material on time. Integrate material handling systems such as material loading and unloading stations, storage towers and material transport units such as pallets and lifts.

Optimize machine utilisation

By fully integrating OmniFab modules such as Job Management or Machine Insight, Omni-Fab accurately identifies the status of all systems, whether and how long a machine is productive, its idle time and its error time. OmniFab Material Flow uses this data to intelligently utilise your machines to the maximum.

Plan precisely and keep everything in view at all times

Your machine operator prepares all cutting jobs. With OmniFab Job Management, he plans the exact sequence of cutting jobs for all machines. Then he fully pre-configures the jobs. OmniFab now knows exactly at what time, which machine, with which sheet and with which machine parameters cuts best.

Automatic processing without manual intervention

OmniFab Material Flow constantly checks which cutting job is to be processed next and promptly initiates the material movements to the machine. The machine receives all the information about the pre-configured job and automatically starts processing without manual intervention as soon as the material is available in the machine.

After the cutting program is finished, the machine reports the status to OmniFab, and the unloading of the material is initiated. When the machine is ready again, OmniFab brings the next cutting job to the machine.

Fully integrated with real-time data

OmniFab, the central element that automates your production. Your systems are fully integrated, from the ERP system, order management and CAD/CAM software to the machines. All production data for the cutting orders are reported in parallel to all connected systems and are available to you for the various production steps in real time and in all connected areas, including your ERP system.

Motivate employees and secure competitiveness

Optimise your machine times and resources through automated processes. Use all data in real time on production, loading and unloading times for improvement. Avoid errors and downtimes. Relieve your employees of routine tasks and thus bind them more strongly to your company. This secures your competitiveness for the future.