MANUFACTURING EXECUTION SYSTEM
FLOORMES E9
The innovative manufacturing execution system FloorMES E9 offers a complete solution to optimize hollow core slab production. Advanced tools for the production planning, monitoring and analyzing enable enhanced production efficiency and casting process targeting at zero interruptions.

**WHERE?**

The new system focuses on the efficiency of hollow core slab production. It optimizes the use of production lines and work schedules and monitors the work progress. The main objective of the manufacturing execution system is to achieve smooth, continuous precast floor production and low operational costs.

**HOW?**

With FloorMES E9, you will have one single point of access to planning and monitoring your precast floor production with an easy-to-use graphical user interface. All data required for planning - such as product design, project and production details - are available at your fingertips. Automatic key planning functions, and the option to make manual adjustments if needed, make production planning uncomplicated and efficient. You will also have quick access to up-to-date production statuses, with a comparison to the plan, as factory monitoring is done in the same system. Production history is automatically stored so you can easily use it for further process improvement.

**WHY?**

Your productivity is significantly improved with automated production planning and monitoring routines. If you compare it with manual production planning and all the work with piles of papers and stopwatches, FloorMES automation will no doubt maximise the use of all of the factory resources: machines, man hours and raw materials. It will help you to make the most of what you already have.

MANUFACTURING EXECUTION SYSTEM GIVES YOU:

- A hands-on tool for supervising and planning precast floor production
- Automated system to optimize and balance the production plan
- Production schedules based on the allocated resources and planned production
- Monitoring of the work progress compared to the plan

Benefits at a glance

- Optimized production plan for improving utilization of casting beds and reducing strand waste
- Production scheduling targeting to continuous casting process without interruptions
- Automatic monitoring for immediate correction of possible deviations which translates into reduced downtime and delays
- Production history for easy process improvement

SUITEABLE FOR EDGE AND PRO FLOOR LINE

MES is available for EDGE and PRO level floor lines. Elematic’s EDGE production lines and machines are especially designed for high capacity, a wide product range and highly automated precast production whereas PRO is meant for middle level production with key automated functions. Typical end products are hollow-core slabs, ribbed slabs, half slabs and T-beams.
SMART SOLUTIONS FOR PRECAST CONCRETE PRODUCTION

Elematic provides precast concrete technology, production lines, equipment and related services that help customers succeed. We are the global technology and market leader in precast concrete technology for residential and non-residential buildings.

Our precast production technology is highly respected worldwide for its high quality, excellent productivity and efficiency, and advanced solutions. We believe in continuous improvement of our operations and offering to develop our customers’ business in a smart way. That’s why we are trusted by 40% of the world’s precasters.

www.elematic.com