



## SAWMILL MANUFACTURING EXECUTION SYSTEM

### Control your entire supply chain with Meka

Trimble Forestry's Meka is a comprehensive modular solution for supply chain optimization for finished products delivered to the customer's location. Meka systems are fully customizable to customers' needs regardless of a company's structure and business area.

Among other things Meka is used for production of sawn and planed goods, impregnated goods, poles, glue lam, pellets and energy products.

Our staff consists of roundwood purchasing and mechanical wood processing industry professionals who are specialized in finding the right solutions for our customers' needs.

### KEY FEATURES BY MODULE

#### MekaMES

- ▶ Supply chain management from log yard for customer
- ▶ Integrations to financial management and production
- ▶ Real-time information about all operations
- ▶ Electronic documents

#### MekaMRP

- ▶ Harmonized production planning
- ▶ Synchronization of sales and production
- ▶ Batch-based monitoring of production
- ▶ Broad variety of integrations for process automation

#### MekaMAP

- ▶ Graphical warehouse MAP for forklift and office use
- ▶ Known positions for all packages in the system
- ▶ Used in drying kilns and dry package area
- ▶ Increased efficiency of forklifts

#### Business Intelligence

- ▶ Analysis of company performance and market trends
- ▶ Harmonization of reporting
- ▶ Stakeholder reporting
- ▶ Production reporting, e.g., from camera based sorting data

## Key Benefits

- ▶ Synchronized sales and production
- ▶ Production planning for different plants with same system
- ▶ Advanced utilization of process data
- ▶ Possibility for bidirectional production integrations
- ▶ Superior warehouse management
- ▶ Enhanced forklift efficiency
- ▶ Delivery planning ensures on-time shipments
- ▶ Extensive graphical reporting for the whole supply chain



"Trimble understands the day-to-day operations of the sawmill and is familiar with our methods of operation. That's important since the materials flow is unique to each sawmill."

Ari Alm Production planner, Luvian Saha Oy

# Meka SAWMILL MANUFACTURING EXECUTION SYSTEM

## Forest industry operation management

Due to ever-tightening competition and requirements towards ERP systems, they have changed to more comprehensive and guiding orientation where more is demanded from the system than managing the mandatory tasks. The sector-specific solutions supersede general ERP systems. Operational management systems are required to offer the information and tools to manage work more efficiently and to help analyze and optimize the supply chain.



## Have you thought?

- ▶ How much error-prone manual work is done with, e.g. Excel that could be handled with a sector-specific system?
- ▶ How high are the costs of desynchronization of sales of production?
- ▶ Do your customers receive their orders on time?
- ▶ Have you a harmonized production planning and is the information available for the entire organization?
- ▶ Which products are more profitable as further processed and which should be sold as sawn goods?
- ▶ How high is the financing cost for the inventory error and the inefficiency caused by distorted warehouse information?
- ▶ Could the delivery and forklift efficiency be increased with a graphical warehouse management system?
- ▶ Do you have you enough information available from different supply chain phases to support decision making?

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