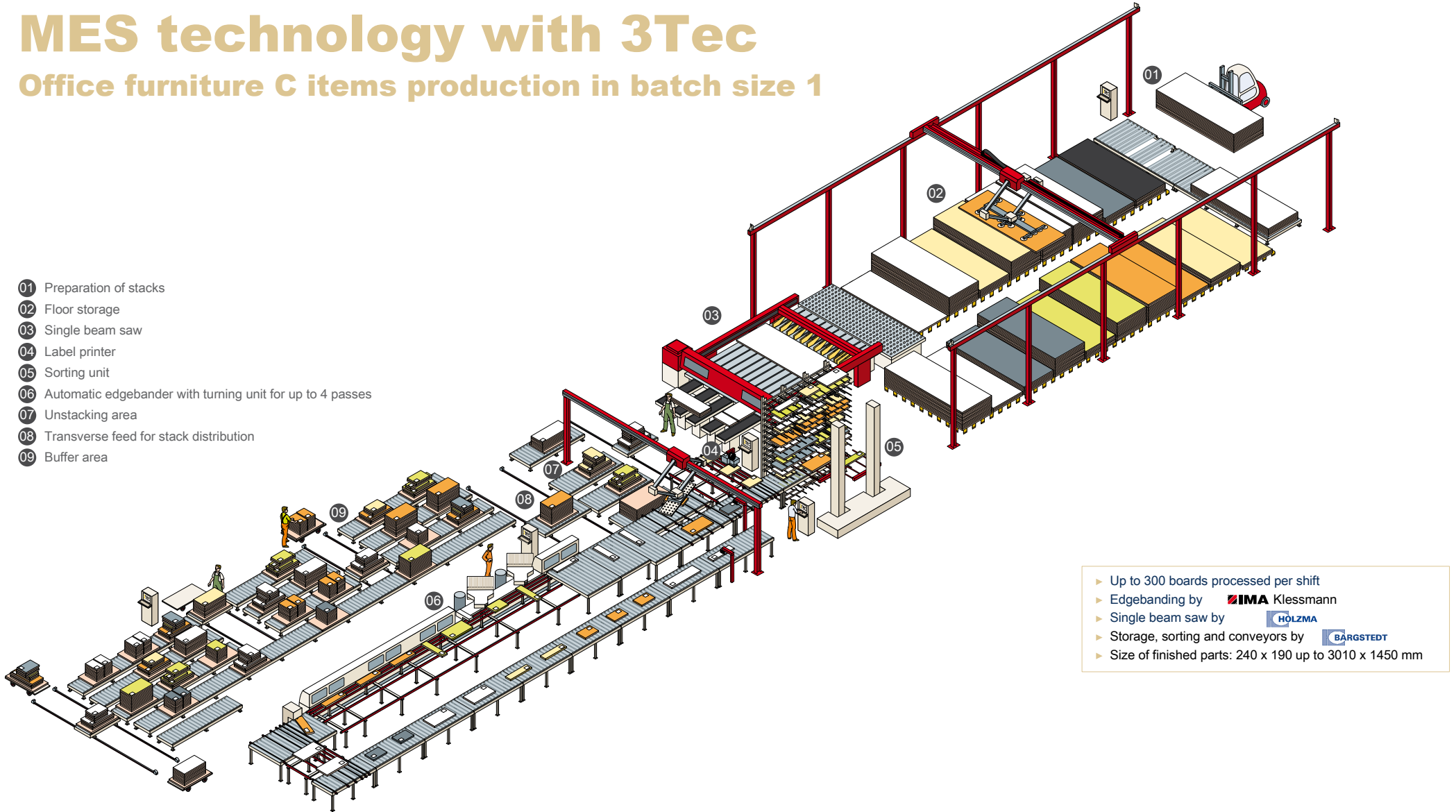


MES technology with 3Tec

Office furniture C items production in batch size 1



Automation | Information | Transparency

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3TEC

MES technology with 3Tec

Office furniture C items production in batch size 1

- **Automatic floor storage for raw material moving single boards**
- **2-D cutting with a single beam saw**
- **Labelling of component parts**
- **Sorting for creation of pools**
- **Single-sided edgebander (up to 4 passes)**
- **Unstacking and distribution to work centers**

Production data import and preparation

- All data relevant to production is imported from the ERP system
- Production data stored in MS-SQL database
- Planning of production jobs
- Communication with the cutting plan optimizer
- Data preparation for edgebanding and cutting centers
- Creation of pools based on stack type, destination, minimization of edgebander adjustments and minimization of edge material change
- Handling of re-productions and quick shots

Control system

- Import orders from SAP and send feedback
- Data preparation for optimization
- Evaluation of feedback from the saw
- Control of label printing
- Specification of stock withdrawal sequence according to pool creation
- Maintenance of part master data for generation of edgebander processing programs
- Calculation of stack type and transfer to stacking unit
- Specification of stack destination
- Production status display for all production steps