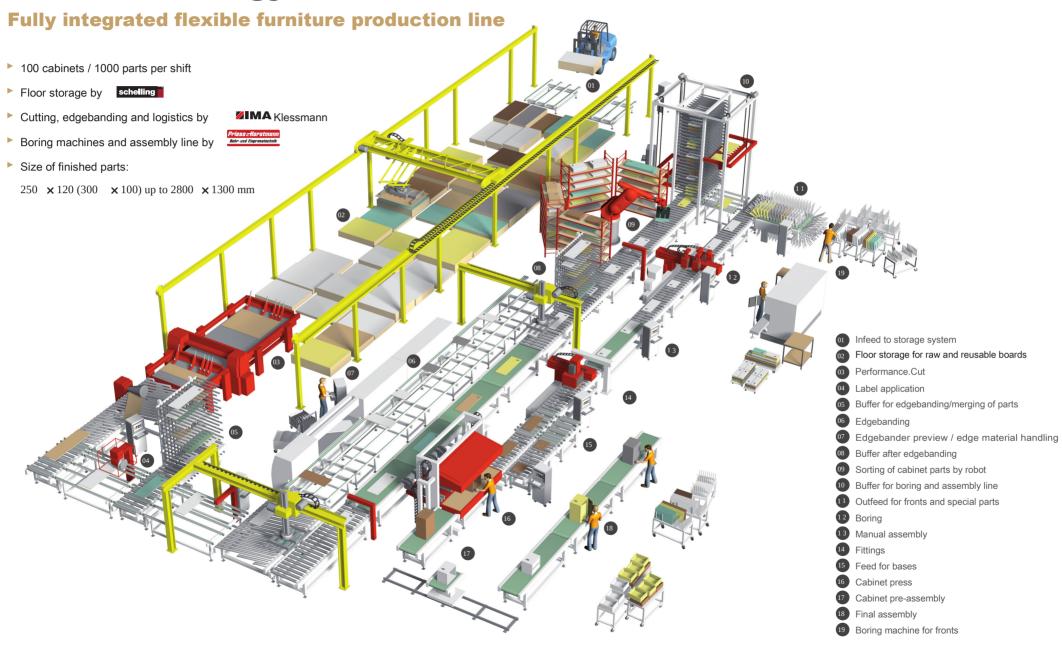
MES technology with 3TeC



MES technology with 3TeC

Fully integrated flexible furniture production line

- Automatic floor storage for raw and reusable boards
- 2-D cutting of component parts with Performance.Cut
- Labels applied to parts automatically
- Buffer before and after edgebanding
- Automatic edgebanding with single-sided edgebander
- Sorting for assembly line
- Boring machine for fronts
- Automatic assembly line

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 storage system, cutting, edgebanding, boring and assembly
- Edgebander preview and edge material administration
- Handling of reproductions and quick shots

Control system

Inventory management and control of automatic floor storage system Material flow control

- Tracking of individual parts
- Connections to production machines
- Sequencing of outfeed from floor storage system based on current loads
- Sorting
- Logistics
- Visualization

Eaadhack

Production status display for all production steps System-wide display elements

- Operator guidance
- Diagnostics and error recovery