

# **MES technology with 3Tec**

Office furniture fabrication, sorting and assembly in batch size 1

- Automatic floor storage for raw and reusable boards
- 2-D cutting of component parts with Schelling FH6 and 2 AH6
- Labels applied to parts automatically
- Buffer for boring
- Automatic edgebanding with 2 single-sided edgebanders three 4-pass edgebanders and one 2-pass
- Automatic boring and dowel insertion
- Sorting for assembly lines

### **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
- Sorting
- Logistics

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

- Operator guidance
- Diagnostics and error recovery