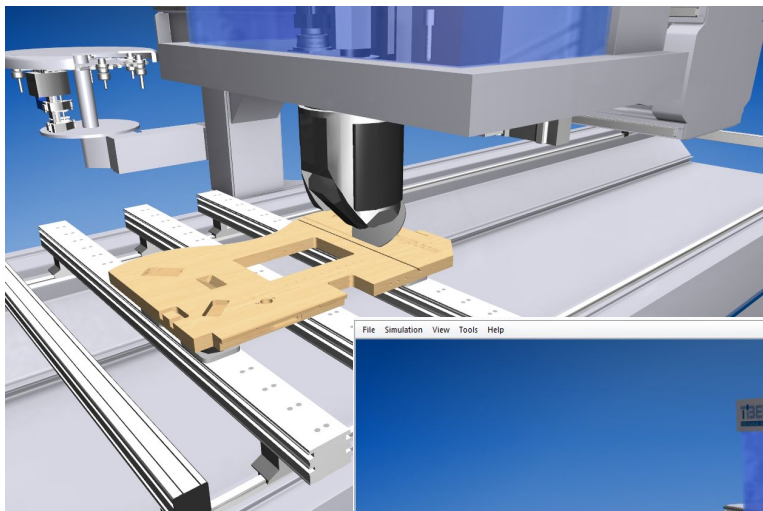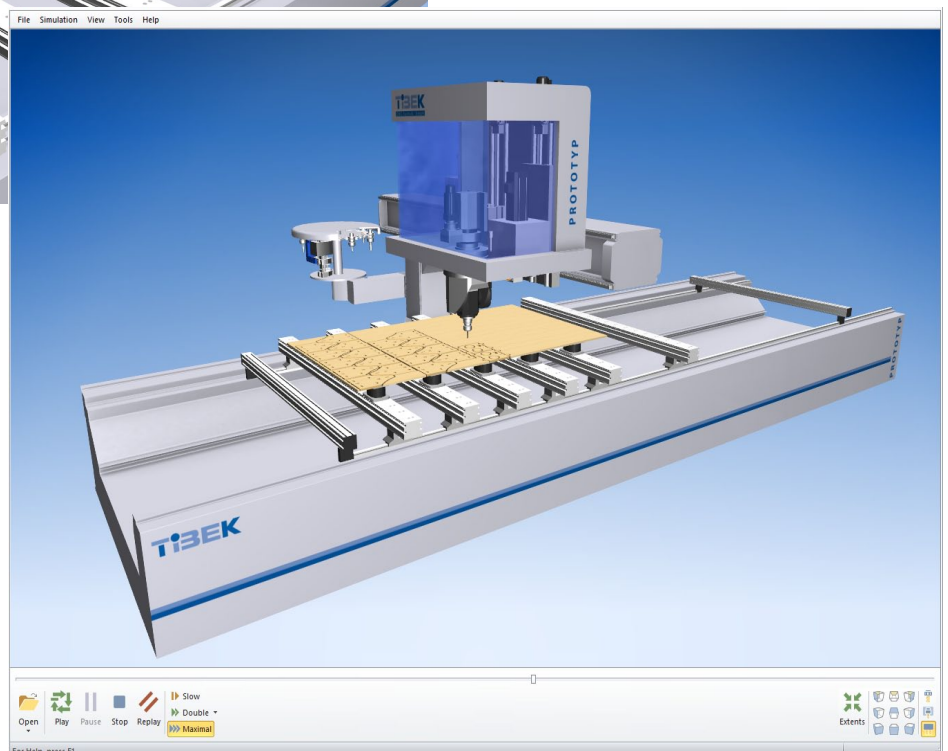# Don't just knock on wood.
Rely on our CNC Simulator!

Excite your customers with a fully integrated, turnkey 3-D CNC simulator with unique woodworking capabilities!

- **Photorealistic 3-D simulation** of actual operation with up to five axes, incorporating machine-specific control logic
- **Saves cost-intensive testing** and **helps avoid programming errors**
- Increases **safety** and **process efficiency**
- **Easy-to-use**, intuitive user interface
- **Comprehensive functionality**, including **collision detection**, **time calculation**, and **edge application**
- Outstanding **Performance**
- **Detailed real-time graphics**, even with machine computers
- Excellent **price-performance ratio**

NC-Code-based simulation of CNC machines

**Our CNC Simulator is modular.
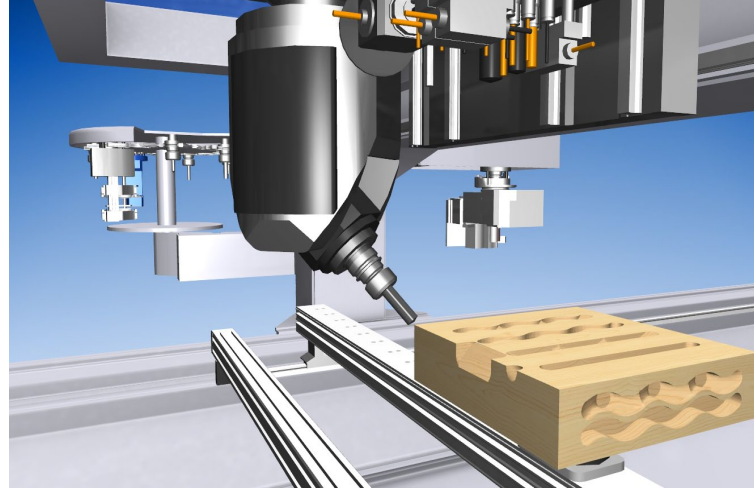Two modules are also available separately:**

Viewer

The **Viewer** is a 3-D simulator that visualizes the processing steps of a CNC machine based upon available motion data – while delivering the **full functionality of our CNC Simulator**. With it, we can offer you a **holistic simulation solution** that can be **quickly adapted to new machine layouts**.
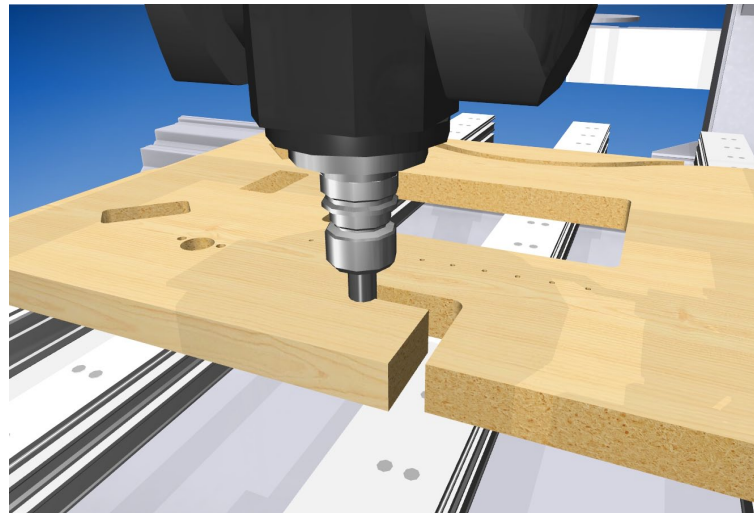
Material Removal and Application Library

You can also upgrade your existing simulation solution with our **Material Removal and Application Library**. It enables both the removal **and application of material**, and its unique algorithm creates an extremely efficient, high-quality graphical display, even at low computing power.
Our library can be integrated quickly, **shortens development time**, and **speeds up time-to-market**.
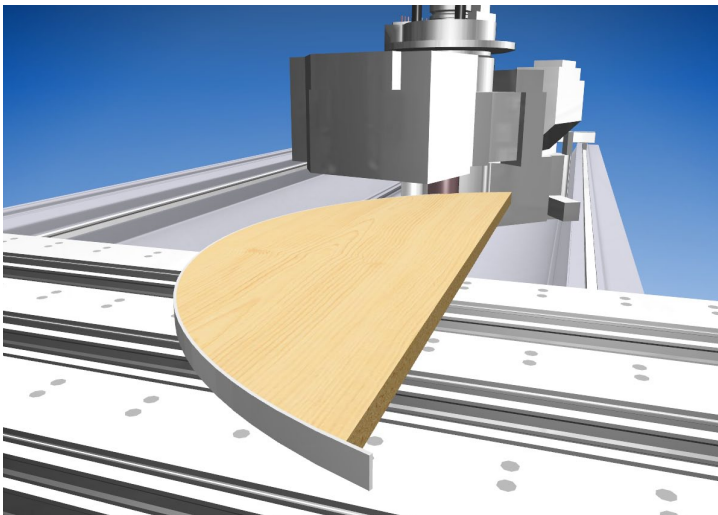
Please call or write to us for more information or to schedule a demonstration!
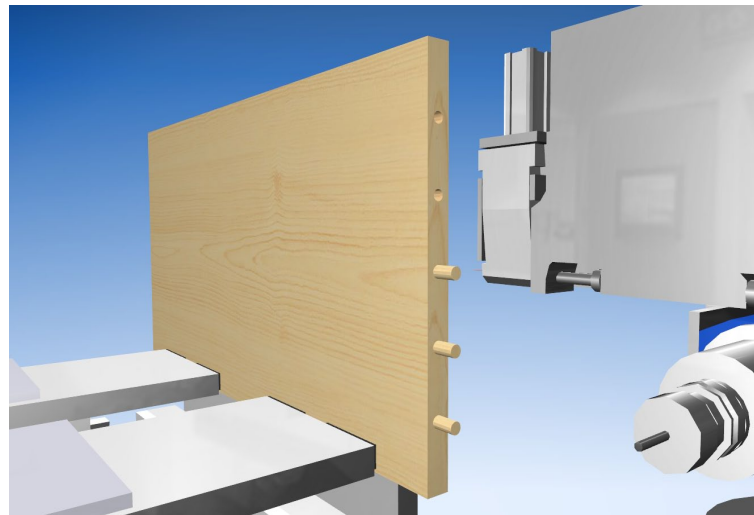

Realistic depiction of all machine tools

Material removal in real-time while incorporating the tool profile

Visualization of edge gluing, with allowance for applied material

Display of assembly operations and inclusion of applied material

TiBEK
C N C - T e c h n i k   G m b H

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We have been developing software solutions for CNC processing machines since 1997. Our constantly growing, highly specialized team of developers has many years of experience in 3-D visualization and specializes in simulation software.
More than 15,000 licenses supplied worldwide are evidence of our high quality and customer satisfaction.