Your contact person:

**Klaus Müller**

Marketing

Head of Communication

Telephone +49 9341 86-1125

Fax +49 9341 86-1411

Klaus.Mueller@weinig.com

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PRESS RELEASE

**Weinig presents new CNC solution for**

**furniture and frame construction**

Weinig has made a further addition to the Conturex CNC system with a new solution for furniture and frame construction. The C 125 Vario Furniture is based upon proven patented clamping table technology and combines maximum output with optimal flexibility. The new development is designed as a double-part system with special individual clamping technology. In keeping with this design, the C 125 Vario Furniture has parallel charging and unloading. This allows an output of 2 parts per minute in furniture applications. Two interpolating 5-axis heads ensure optimal flexibility with complex curved parts. The large parts buffer for up to 240 parts fulfills the prerequisites for long-term unmanned production. Integration into the Weinig Solid Wood Work Flow (WF) system ensures dynamic process sequences optimized in real time. Behind this stands an integrated software solution from idea to finished work piece. Besides the benefits of a standardized data set for all production processes, and the entire peripherals, WF includes parts identification via different processes, work piece data administration including an interface with angle units and monitoring via app and desktop. Owing to the comprehensive digital architecture, WF is ideally suited to virtual commissioning.

One highlight of the C 125 Vario Furniture is the new Weinig CAM. This is a 3D CAD/CAM system, that can be integrated into every Conturex going forward. Simple and fast programming is just one of its many outstanding qualities. As a geometry-based system, Weinig CAM also offers a fully-fledged drawing program with smart commands. All standard CAD formats, such as dxf, dwg, solid, stl, rhino and parasolid, are supported. Unlike conventional systems that do not allow 3D surface processing, Weinig CAM includes 3D 5-axis interpolation. Other customer benefits include greater reliability thanks to detailed simulation down to single-item batches, simple operation via macro programming and modular design from 2D to 3D interpolation. Furthermore, Weinig CAM significantly increases flexibility. Unlike comparable systems, installation takes place in the office. Product Manager Michael Hemmerich: “This is not only a general technical trend, it is also completely consistent since the Conturex is a fully-automated production machine.”

In the C 125 Vario Furniture, Weinig marks a new milestone in the evolution of the Conturex system. However, the designers are already thinking further ahead: The long-term objective of the latest stage of development is to offer individual automation solutions for a wide variety of solutions in the furniture sector.

Photos:

1. Weinig C 125 Vario Furniture: Parallel charging for high-end furniture production
2. Single clamping technology: Optimal precision even with short parts
3. Weinig CAM: Creating the perfect work piece quickly and easily (screenshot)