

CONTUREX COMPACT SYSTEM

Everything from a single source - WEINIG:
Machine – Software – Tool



With wood into the future

Wood is a renewable resource that does not affect climate and makes us all breathe easier. While they are growing, trees store large amount of carbon dioxide and incorporate it in their structure. The more wood that grows and is processed into objects of value such as windows, the more CO₂ is taken out of the environment. This is good for our climate. The CO₂ remains captured until the window comes to the end of its lifecycle and is thermally recycled. In addition to its positive environmental properties, wood is one of the most desirable materials that we have due to its natural, warm and attractive appearance. Wood is also an outstanding material because of its thermal insulation properties. 1 cm of wood provides as much insulation as 10 cm of brick.



**Good for the environment
and attractive to the eyes.**



Windows, doors and the environment

Windows supply building interiors with daylight, refresh air and keep out negative environmental influences. The considerations that go into design are correspondingly varied. For construction and installation, factors affecting building design, safety, hygiene, psychology and finances need to be taken into consideration.

Energy savings and environmental protection are the greatest consideration. Heat needs to remain within the building. Sunlight needs to be enjoyed. Well-lit rooms with large windows are in great demand. Windows made of wood are able to satisfy all the requirements.

Bottom left: Passive solar house
Bottom middle: Historical windows
Bottom right: Window elements let in a great deal of sunlight



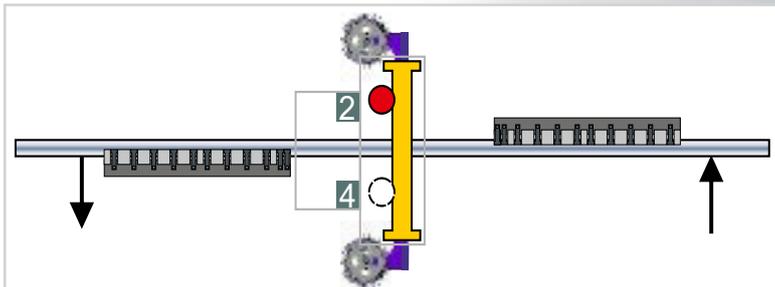
Everything from a single source - WEINIG: WEINIG Conturex Compact

WEINIG is not simply the leading provider of technology for the solid wood processing industry and artisan sectors. From extensive services and cost-effective system solutions to turnkey production facilities, WEINIG is an all-round ideal partner, whenever flexible, profitable production is desired. Together with its unrivaled worldwide service, WEINIG can offer you a complete package to equip you for all of the challenges of the future in the market of the future: solid wood processing.

In the Conturex Compact, WEINIG has set the benchmark for the entry-level machine in the premium class. The highly innovative technology is extremely attractive to small and medium-sized window manufacturers. WEINIG facilitates entry into the world of CNC processing via its role as a supervisory project partner. Everything from a single source - WEINIG. In the Conturex Compact system, the customer receives a balanced and co-ordinated complete package, comprising the machine, window construction software, tool and service.



Space requirement 12 x 4.8 m (with a processing length of 3.500 mm)



As the little brother of the Conturex 114 to 226 profiling center series, the new Conturex Compact offers all the benefits of the proven Conturex series at an affordable price, making it suitable for smaller workshop businesses as well as large window and door manufacturers.

The WEINIG Conturex Compact gives you:

- Complete processing in one clamping for maximum precision
- High availability
- Processing without retooling, even for the smallest batches
- Automation enables less manpower in production
- Maximum flexibility with tool magazines with up to 147 slots
- Energy feedback modules means savings in energy



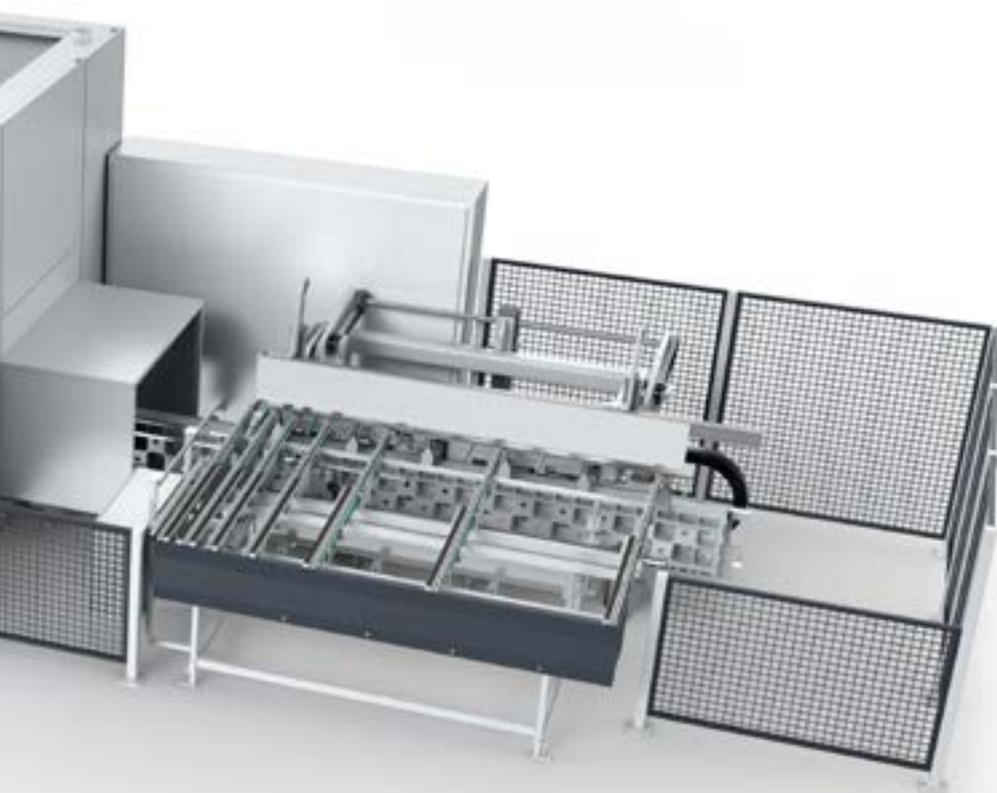
PowerGrip clamping table and U-axis

The interaction of the patented PowerGrip clamping table, U-axis, workpiece measurement (optional) and alignment of the parts ensures superior process reliability.

Key data on the Conturex Compact

- Width min./max. 40 - 260 mm
- Thickness min./max. 25 - 150 mm
- Length min./max. 175 - 3.500 mm (option: 175 – 4.500 mm)
- All six sides can be machined
- 290 mm long mandrels
- 12 kg tool weight
- 340 mm maximum diameter
- Slot depth up to 140 mm

Subject to technical alterations. Statements and pictures in this brochure may contain items that are not included in the standard scope of supply. Some protective covers were removed for photographing.



Everything from a single source - WEINIG: Standard models and options



Main spindle with 3 or 4-axis technology (optional)

- 30 kW (S6)
- Indirect drive protects the motor in critical situations.
- Includes 30-slot tool holder



Universal spindle with 5-axis technology (optional)

- 12.5 kW (S6)
- 6 kg tool weight
- Max. 220 mm tool length
- Includes 17-slot tool holder



External tool magazine (optional)

- The external tool magazine has 100 tool slots



Infeed mechanization

- For reliable unmanned production
- Optional additional buffer field



Outfeed belt

Continuous version available as an option

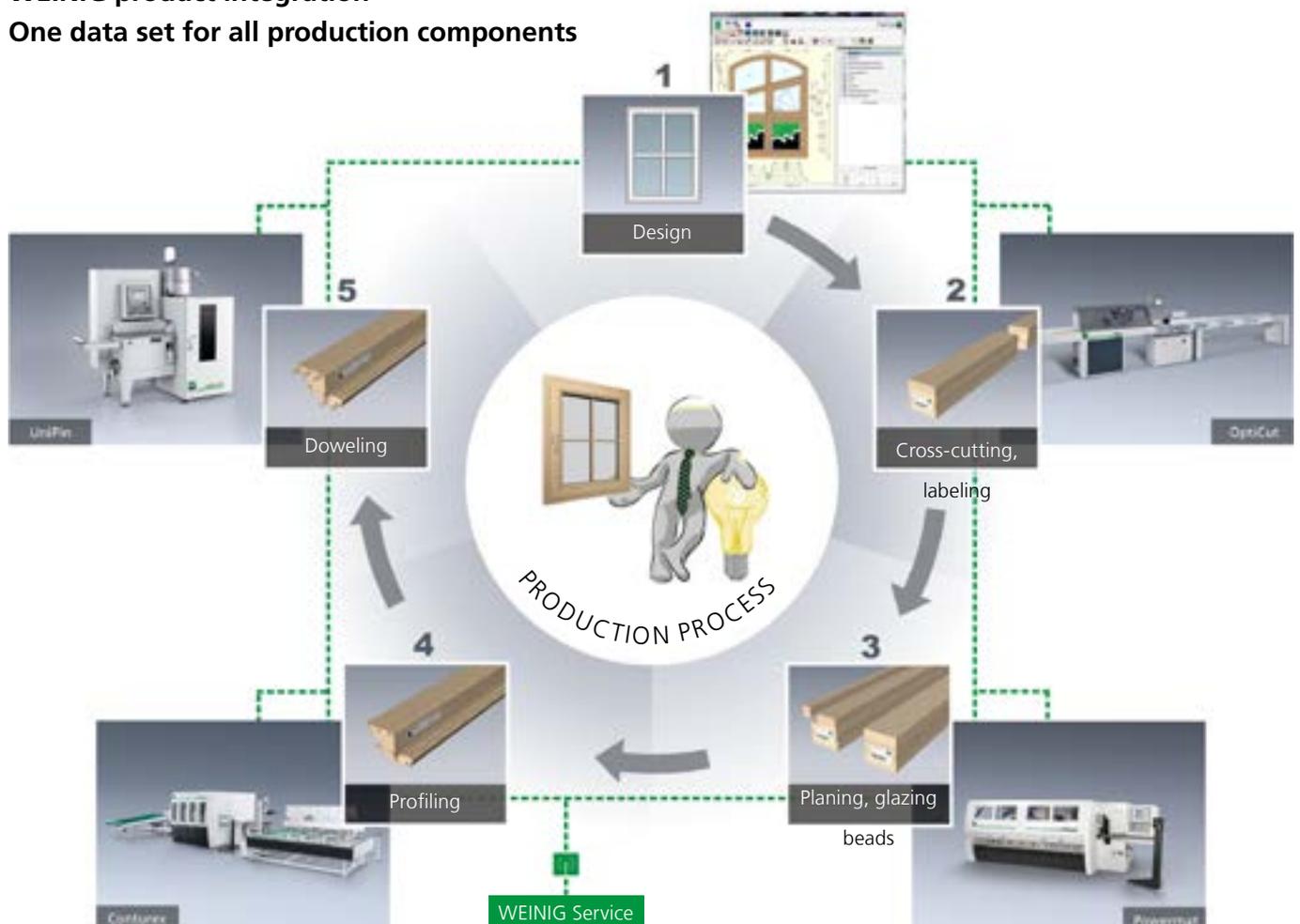
Everything from a single source - WEINIG: The complete system

Today's modern window manufacturer must offer a large spectrum of components. The range of shapes, colors, wood varieties, fittings, window systems and timber widths is larger than ever. This requires a significant depth of production. From taking measurements, data collection and design in the window construction program to warehouse organization, pre-cutting with optimization or end-trimming of the timber, calibration or planing with strip production, complete single-part production and even driving in and gluing of dowels, everything must work perfectly. WEINIG product integration has created a standard communication platform in this production process.

**WEINIG
OFFERS
MORE**

WEINIG product integration

One data set for all production components



CONTUREX COMPACT SYSTEM



Product Unit Windows / CNC-Technology

MICHAEL WEINIG AG
Weinigstrasse 2/4
97941 Tauberbischofsheim
Germany

Tel +49 (0) 93 41 / 86-0
Fax +49 (0) 93 41 / 70 80
info-window@weinig.com
www.weinig.com