

## **HOMAG at the Holz-Handwerk & fensterbau frontale 2012**

### **Window technology all the way – solutions for every performance category**

HOMAG machines offer today's window producers a broad spectrum of possibilities: From the entry-level machine for mixed operation with a wide processing range of windows, doors and furniture components through to the power**Profiler** BMB 900, HOMAG's multitalent for up to 50 windows per shift to an extreme standard of CNC precision. This HOMAG processing center covers every conceivable performance category – no matter whether for windows, doors or upright and transom production. And the talents of this extraordinary "window machine" also extend to other products such as bed slat frames.

The benefits focus on three main aspects:

- High output due to simultaneous processing of two parts in the machine
- Automatic processing of parts with parapet dimensions from 170 mm to 3500 mm
- Fast resetting from automatic to manual mode: Processing arch components, two-dimensional parts and short components from a parapet dimension of 100 mm on the console table

#### **power**Profiler** BMB 900 conquers the world**

This machine is opening up whole new scope in window component production the world over. Alongside customers in Germany, window experts in Scotland, Japan and China are now buying into the extreme flexibility and performance afforded by this this model with its automated sequence from the smallest to the largest parts. Even narrow component processing is a standard feature of the power**Profiler** BMB 900.

### **ecoPlus: The powerProfiler BMB 900 sets a whole new standard**

The powerProfiler BMB 900 features an intelligent stand-by mode which reduces energy costs during breaks or during only partial capacity utilization by up to 10%. This allows energy savings of up to 8,000 kwh per annum if the powerProfiler BMB 922 is used in single shift operation. The powerProfiler BMB 900 also has another benefit which sets it apart from its competitors: Compared to conventional window production lines, some of which have up to 20 units operating and requiring extraction simultaneously, in the powerProfiler BMB 900 only two units are operated simultaneously.

### **The complete BMG 300 Venture series**

Based on the new BMG 300 platform, HOMAG will be offering three Venture machines for joiners which between them provide just the right solution for every requirement!

#### **Venture 316: No-compromise 5-axis technology**

The VENTURE 316 takes today's joiners onto a whole new dimension of stability and precision in the 5-axis entry level machine category, allowing practically every conceivable customer requirement to be fulfilled in the field of furniture and door production and interior fittings. An enormous range of different tasks can be addressed using just a few standard tools. This is the ideal "work horse" for all those who are not yet certain what it is their customers will require tomorrow.

The Venture 316 sets whole new standards: Just a glance at its weight – around 30% higher than that of comparable products – and its large stable traversing gantry have all the hallmarks of industrial standard engineering at woodworking shop prices. In addition, a wide range of features are available in the standard equipment package such as a pneumatic interface at the spindle, rack and pinion drive in the X and Y direction, a vibration sensor to protect the spindle or an effective part height of 250 mm from the console which can be

fully utilized with all the units.

### **Venture 313 with easyEdge unit**

This complete solution for CNC processing including edge banding lends joiners the ultimate flexibility to process individual furniture and interior fittings orders: The 15 kW 4-axis trimming spindle with fluid cooling and the large drilling head with its 35 spindles and 26 exchange slots turn the Venture 313 into a highly efficient production machine. The **easyEdge** unit makes child's play of component edging with edging materials up to 2 mm in thickness and workpiece heights of 60 mm. The FLEX5+ unit opens up all the possibilities offered by the 5<sup>th</sup> axis for additional work processes at any angle. In short: The perfect combination of processing at any angle and edge banding in a single machine.

### **Venture 320 – Gluing like a true professional**

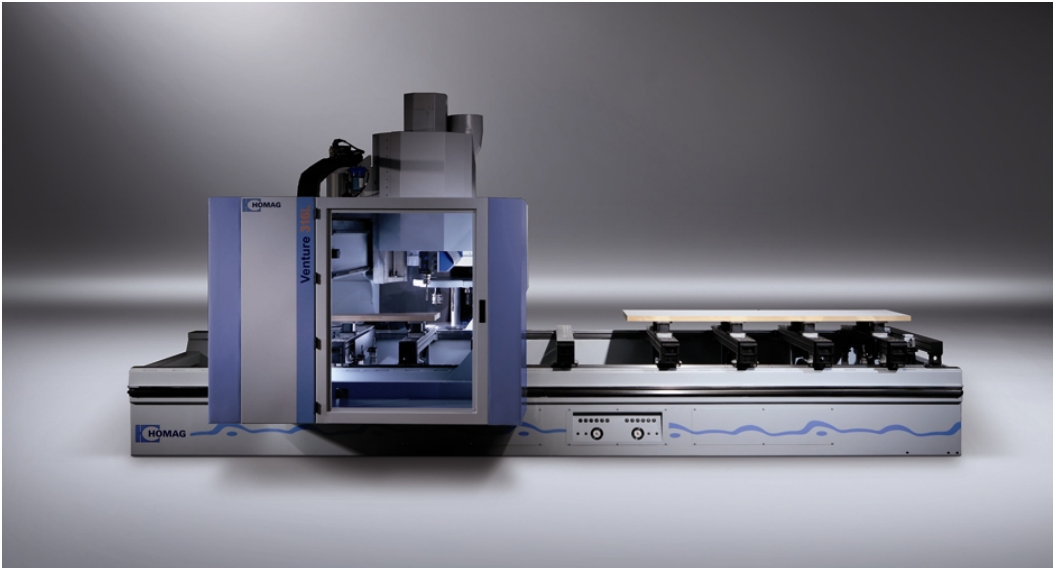
Edging technology and more: CNC processing with integrated **powerEdge** edge banding unit. The technical equipment of the Venture 320 corresponds to that of the Venture 313, meaning that here too, the 5<sup>th</sup> axis can be used to perform processing operations at any angle with the FLEX5+ unit. The special feature of this model is its method of gluing using the integrated **powerEdge** edge banding unit.

Users stand to gain a number of major benefits:

- Gluing to the same professional standard as industrial producers with the same **powerEdge** gluing unit used in industrial duty machines
- The pre-snipping station and pick-up station are mounted at the front of the machine, ensuring the ultimate ease of operation for edging material changeover, glue tank filling and servicing

The unit and pre-snipping station move in coupled motion with the gantry, resulting in faster processing and full alternating operation for high performance.

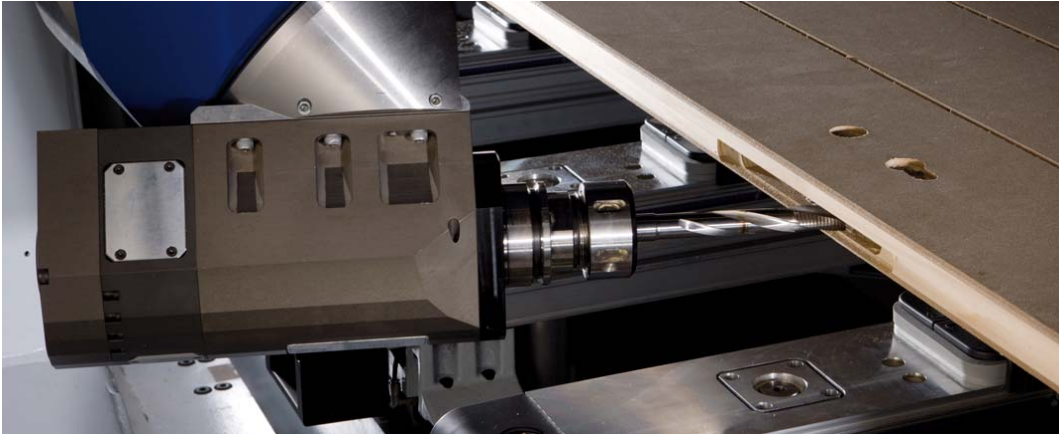
Pictures courtesy of HOMAG Holzbearbeitungssysteme GmbH



**Fig. 1:**  
HOMAG Venture 316: No-compromise 5-axis technology



**Fig. 2:**  
HOMAG Venture 313 with **easyEdge** unit



**Fig. 3:**  
Door leaf processing with the Venture 316

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