

HOMAG at the HOLZ-HANDWERK 2008

Focus on increased productivity

As economical production is becoming an ever more important aspect even for small-scale enterprises, HOMAG Holzbearbeitungssysteme AG took the HOLZ-HANDWERK by storm with a range of intelligent solutions designed to make a big difference to productivity for joineries and woodworking shops.

Venture processing centers

In the field of processing centers, HOMAG has further extended its already highly successful and proven Venture series. Supplied complete with comprehensive basic equipment, this series can be upgraded on a modular basis by a range of patented and unique processing units, allowing the processing centers to be quickly and easily adjusted in line with changing requirements. Possible upgrades include for instance inclusion of the EasyEdge gluing unit for edge banding on mouldings or the new FLEX5+ unit, which as well as automatic set-up of the fifth axis (e.g. for shift cuts) also offers automatic tool change to reduce set-up times. The Venture 11 has now been added to the series as a new model for 2008, providing an affordable entry level option for processing particularly large workpieces of up to 6,175x1,850x300 mm.

The exhibited models Venture 21M and Venture 16L offer a range of additional series highlights such as the DRIVE5+ 5-axis trimming spindle and patent-protected MPU (drilling/sawing and trimming unit). This new feature combines the functional characteristics of a drilling head with 30 spindles (20 vertical, 10 horizontal), a sawing unit, an additional trimming spindle and drilling units in a single module, which also affords 360° swivel capability. This allows hole series, construction and horizontal drilling

operations, sizing, finish trimming and rear wall grooving to be performed on a cabinet side element without the need for a tool change, permitting productivity increases of around 10 per cent. Added to this is additional application scope due to swivel action of the entire unit, for example when drilling triangular side elements.

Edge banding machine KAL 210

With the extended KAL 210 range, HOMAG provided evidence that top-quality edge banding machines can be a worthwhile investment even for small-scale woodworking shops. Because industrially tried and tested HOMAG quality has now been made available at an affordable price, there has been widespread take-up for this machine among woodworking customers already. The different versions of the machine comply with the most stringent expectations in terms of efficiency, quality and flexibility, and also offer an attractive cost-to-performance ratio.

Even the basic version of the KAL 210 provides a comprehensive and efficient equipment outfit, covering over 95 per cent of all application requirements. The machine copes with all occurring panel edging tasks, from thin coil material through to solid wooden edges, with outstanding precision, eliminating the need for time-consuming manual finish processing. In detail, the KAL 210 features a high-performance jointing unit with a tool diameter of 125 mm, which takes care of a clean cut at the upper and lower side of the panel with two motors working in synchronous and counter rotation. A hot melt gluing unit is deployed for glue application directly on the edge, and the heated glue application roller is capable of gluing workpiece thicknesses from 8 to 60 mm without adjustment. The constant glue temperature over the entire height of the roller also takes care of a consistently high standard of gluing quality at the workpiece. The modern servo edge infeed guarantees precisely positioned banding of edges onto workpieces with less waste and minimized edging material

consumption.

powerProfiler celebrates world premiere

A high-performance processing centre celebrated its world premiere at the fensterbau frontale 2008: The power**Profiler** from HOMAG is set to lift the world of window construction onto a new plane in terms of efficiency and performance. It is capable of processing 3 workpieces simultaneously and fully automatically. This adds up to around 400 workpieces per shift – the equivalent of 50 window units. The extreme flexibility of the HOMAG processing center allows the processing of both straight and curved window components, as well as upright / transom constructions and front door leaves. The facility for using up to 288 tools in conjunction with capacity for integration into production lines make the power**Profiler** a unique and efficient all-in-one solution for window, door and facade production in this performance segment.

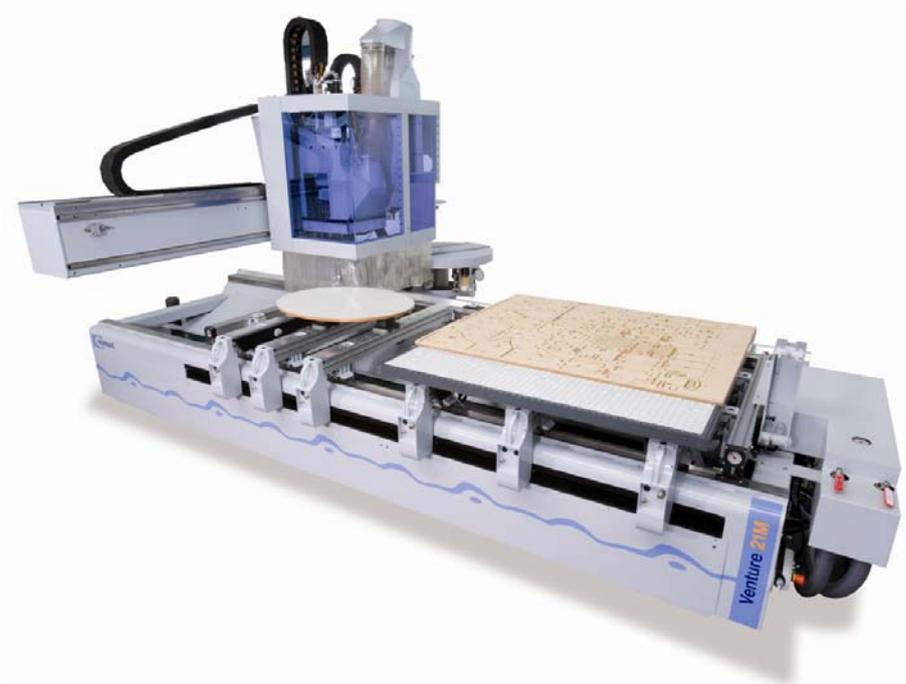


Fig. 1:
Venture 21M

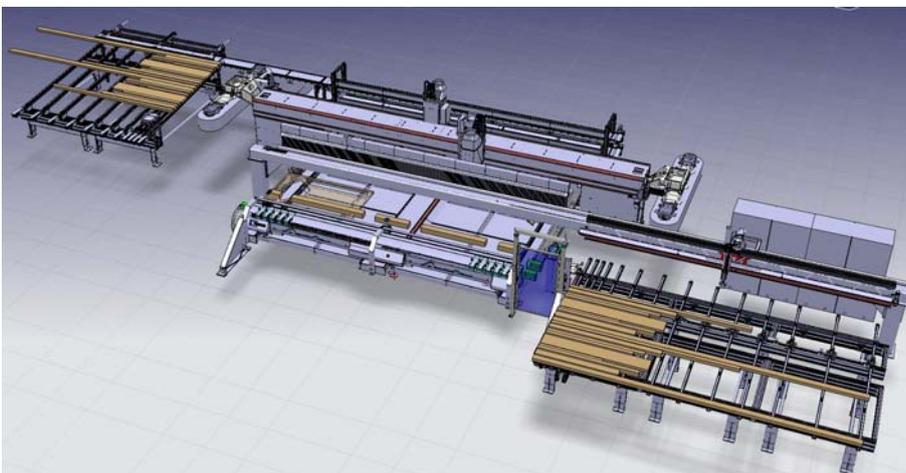


Fig. 2:
Window processing center powerProfiler

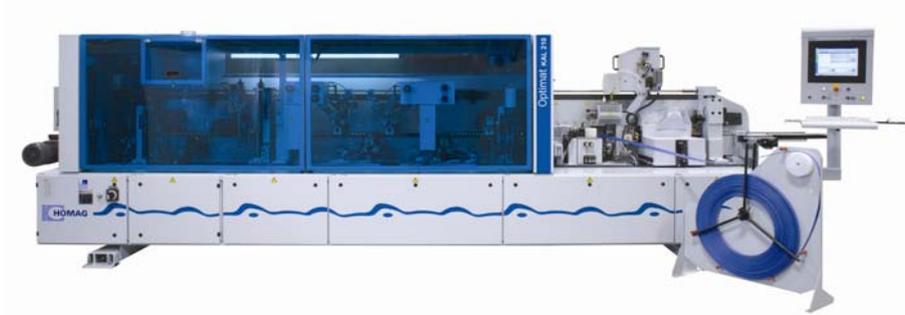


Fig. 3:
KAL 210

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