**HOMAG KAL 310/C edge bander maximizes operational flexibility**

# Manual profile resetting? Go automatic with HOMAG!

**Demand for automatic resetting to different profiles is on the increase. With the extended KAL 310 range, HOMAG is able to offer an ideal solution to calls for growing production flexibility.**

To ensure the best possible product quality, the new edge banding machine features an automatic tool changer for resetting between different profiles at the profile trimming unit. The aim of the new machine is to offer industrial and woodworking shop producers scope for greater production flexibility without manual resetting - a first for this market segment.

Standard machines are an indispensable mainstay for most woodworking operations. With the automatic tool changer for copy trimming, the HOMAG entry-level segment now also includes an edge bander which offers this facility as a standard feature. Automatic adjustment of scraper blades to different profiles is also possible. As a result, the various different versions of the machine comply with the highest aspirations of quality and flexibility.

**The KAL 310 in profile**

Even the basic version of the KAL 310 offers a comprehensive range of high-performance equipment features. Seamless automation is also possible if required. The top quality and reliability of the new HOMAG machine also make this the ideal option for multiple-shift operation.

A closer look at the detail of the KAL 310 series reveals a range of beneficial features: A high-performance jointing unit with a tool diameter of 125 mm takes care of a clean cut on the top and bottom surface of the panel. Fast glue changeover from EVA to PU is also possible by simply exchanging the complete application unit without the need for tools. The heated glue application roller is capable of gluing workpiece edges between 8 and 60 mm in thickness. It also ensures a consistent glue temperature at the workpiece irrespective of the workpiece height. A modern magazine height adjustment facility guarantees central banding of edging materials with different heights onto the workpiece. The stationary snipping stop ensures careful snipping of sensitive edges, and the automatic profile change facility in the profile trimming unit ensures a top-quality appearance right into the corners.

A machine version is also available with automatic infeed fence, pressure zone, trimming unit or scraping device adjustment in line with different profiles. Horizontal outward movement of the finish processing unit or program-controlled height adjustment are also offered.

Simple operation and machine control are vital if all the benefits and performance features of a new machine are to be utilized to the full. The 310 edge banders come with the **power**Control PC22 system developed by HOMAG. This system permits menu prompting using the familiar Windows XP standard, while graphic support also facilitates user-friendly machine operation and programming. With the aid of the series USB port available from HOMAG, data backup to external storage devices is

simplicity itself – ensuring that the system can be quickly up and running again in case of interruptions. The diagnostic system wood**Scout** allows error messages to be displayed to aid systematic troubleshooting. As for all the company's machines, direct assistance with the machine can be obtained online from HOMAG over the internet.

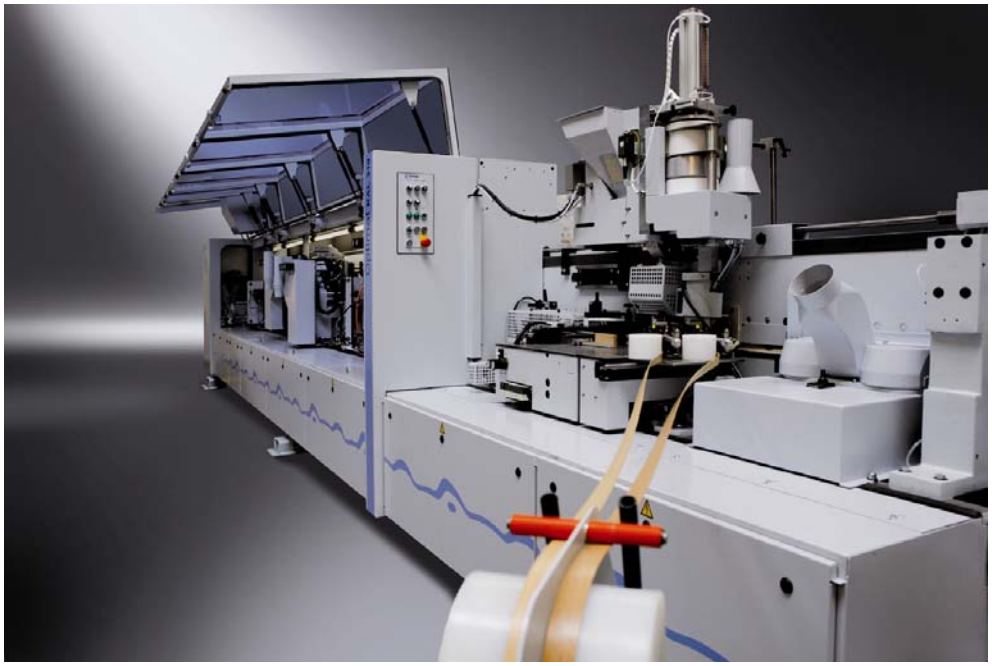

**Fig. 1:**
HOMAG edge banding machine KAL 310
(with automatic tool changer)

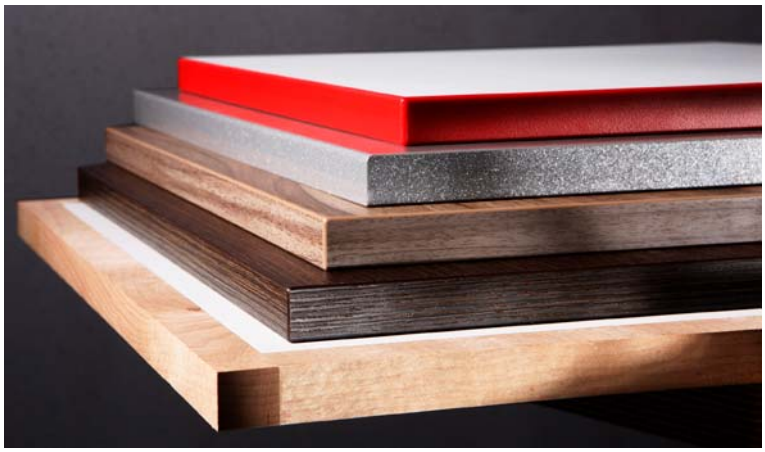

**Fig. 2:**

Sample workpieces KAL 310

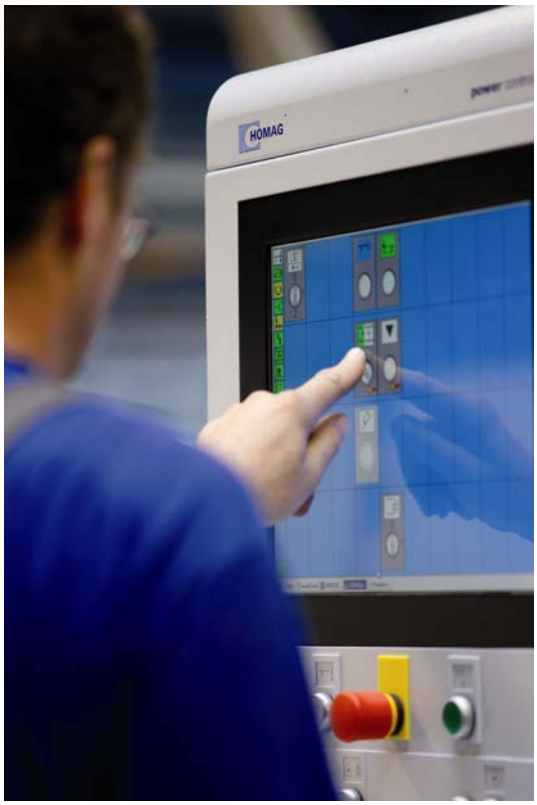


**Fig. 3:**

User-friendly operating facility of the KAL 310 using a touchscreen

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