

KAL 210 edge bander from HOMAG stacks up even for small woodworking shops

Top quality with an affordable price tag

With its extended KAL 210 range, HOMAG has demonstrated that top-quality edge banding machines can be a profitable investment even for small-scale woodworking shops. The affordable price tag being attached to what is effectively industrially proven high-tech HOMAG quality has prompted a growing number of small woodworking shops and joineries to opt for an investment in this machine series.

For many woodworking shops, low-cost production is increasingly becoming a decisive success factor. The ultimate aim is to reduce piece costs while at the same time improving the standard of product quality where possible. When it comes to taking an investment decision, small and medium-sized woodworking firms frequently find themselves trapped between the need for a high-performance, future-proof machine on the one hand and financial constraints on the other. The extended KAL 210 edge banding machine range from HOMAG provides a reasonable and economically priced solution to this dilemma.

The different versions of the machine comply with the very highest aspirations in terms of performance, quality and flexibility, and all at an attractive cost-to-performance ratio. "Most firms are surprised to find out how reasonable a KAL 210 can be to buy. Despite extending the machine range we are able to offer a highly favourable cost-to-performance ratio", stresses Product Manager Markus Kostenbader.

The way HOMAG is able to offer industrially proven engineering at such affordable cost to smaller-scale woodworking shops is by implementing consistent edge banding standards in production. The introduction of

cyclical assembly processes has meant that edge banders can now be produced practically off the conveyor belt – and the resulting cost benefits are passed on by HOMAG in full to its customers.

The KAL 210 in profile

Even the basic version of the KAL 210 comes with a comprehensive and efficient equipment package, covering 95 per cent of all application requirements. The machine is able to cope easily and precisely with all the tasks relating to panel edging, from thin material off the coil through to solid wooden edges, eliminating the need for time-consuming manual finish processing operations. Almost seamless automation can also be supplied if required, and with its high standard of quality and reliability, the new HOMAG machine is also ideally suited for multiple-shift applications.

In detail, the KAL 210 comes fitted with a high-performance jointing unit with a tool diameter of 125 mm and two motors operating in synchronous and counter rotation for a clean cut at the upper and lower side of the panel. For glue application on the workpiece edge, a hot-melt gluing unit is used. The heated glue application roller is able to cope with workpiece thicknesses ranging from 8 to 60 mm without the need for adjustment, and the assurance of a uniform glue temperature over the entire roller height takes care of consistent gluing quality at the workpiece.

A modern servo edge feed device guarantees precision banding of edges onto the workpiece with less waste and lower consumption of edging material. A stationary stop at the snipping unit prevents the creation of sanding marks on already glued workpiece edges. If required, a machine version can be supplied with a two-motor or a four-motor profile trimming unit for sanding the upper and lower side of the edge with a chamfer or radius, and also for rounding the leading and trailing edge of the workpiece.

To allow all the benefits and performance features of the new machine to be used to maximum effect, simple operation and control are particularly important aspects for smaller-scale operations. In the KAL 210 edge banding machine, this important function is assumed by the **power** control system PC22 from HOMAG. An intuitive user interface with menu prompting using the standard Windows XP operating system and graphic support all make for highly user-friendly machine operation and programming. Using the USB port provided as standard by HOMAG, data can be simply backed up to an external memory – returning the system to full operational capability after an interruption. The diagnostic system wood**Scout** also provides a user-friendly display of any error messages, permits systematic troubleshooting and so increases machine availability. If required, the HOMAG servicing department can also provide direct assistance at the machine over the Internet.

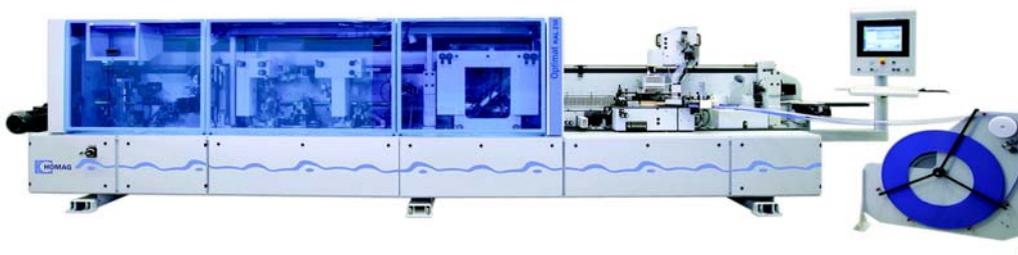


Fig. 1:

HOMAG KAL 210 edge banding machine

(with four-motor profile trimming and stationary snipping stop)



Fig. 2:

Sample workpieces KAL 210

For more information, contact

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