

## **Profitable production of all batch sizes with the HOMAG Group Generating income in difficult times**

It is truer today than it has ever been: Those who aim to succeed must be able to produce more quickly, even more flexibly and most importantly of all more economically. The market demands top quality and just-in-time production coupled with wide product versatility both in series production and for one-off jobs. It is specifically to address these demands that the HOMAG Group has extended its product range in every performance category. With an integral concept designed to allow more flexible, more profitable production for every size and variety of production run – right down to batch size 1. The solutions on offer boast a highly attractive cost-to-performance ratio and are custom tailored for every size of operation.

### **A systematic approach to mastering every requirement**

The same basic rule of thumb applies to every operation from the small-scale joinery or medium-sized woodworking shop through to industrial scale producers: Customer requirements are becoming more varied all the time. Customers expect wide-ranging different product models and finishes no matter what the size of the production run. And they also expect continuous just-in-time availability at low cost. All of these demands have made just-in-time production a key economic factor for most woodworking firms. It is here that the HOMAG Group concept comes into its own. Alongside new machines and production techniques, the HOMAG Group specialists also offer comprehensive system solutions taking into account every conceivable special requirement. Because integrating economical batch size 1 production means bringing internal organizational procedures – such as information and material flow – into step with machines, control and handling systems as well as software solutions.

### **One-stop productivity increase**

The HOMAG Group engineering teams work to develop the optimum solution in each case. Individually tailored and competently engineered from a single reliable source. As a result of painstaking analysis, perfect optimization and networking of all the different production steps. One of the key factors here is an ingenious method of workpiece marking. Right from the cutting stage, a bar code is attached to the different workpieces. The order data contained in the barcode is read out individually, allowing every workpiece to be processed as a one-off. The result. Wide-ranging different workpiece variants can be processed at an output of up to 30 per hour with an almost unlimited number of different edging materials.

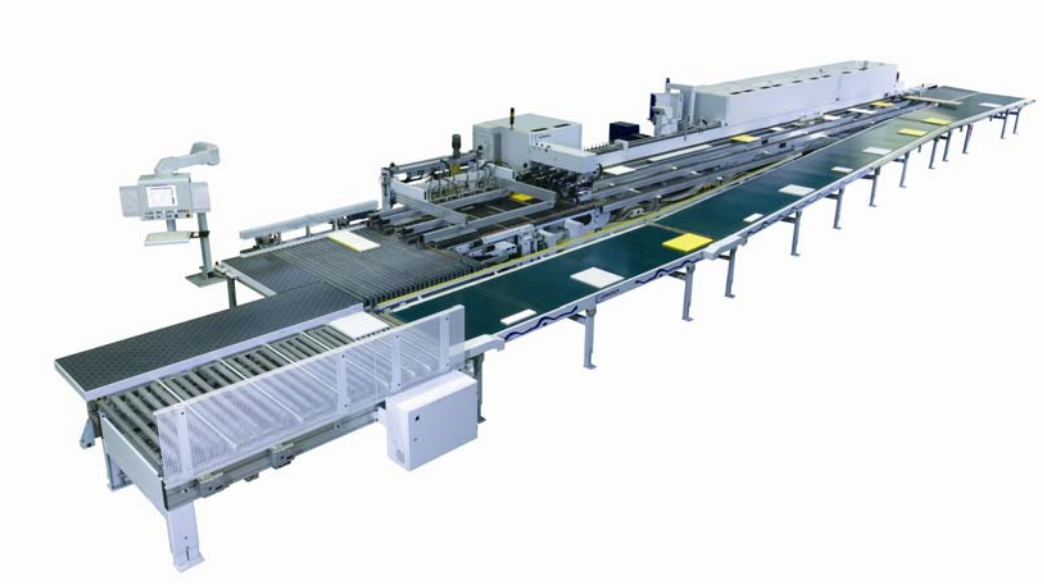
Intelligent data processing systems and logistical concepts are also deployed to increase productivity. Added advantages include extreme flexibility, low space requirement, short throughfeed times and a high degree of capacity utilization coupled with minimal handling. Minimized stock keeping during production also helps reduce capital tie-up.

### **Background information on the company**

HOMAG Holzbearbeitungssysteme AG with its partner companies is the technological and market leader in the manufacture of machines and processing systems for the industrial woodworking and plastics processing sector and for woodworking shops. The company is also a world leader in the provision of complete solutions comprising data sharing, machine engineering, handling, organization and logistics for the benefit of machine operators.



**Fig. 1:**  
Edge processing in batch size 1  
Plant with automatic part recognition



**Fig. 2:**  
Plant for the production of furniture components in batch size 1

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