



My tablet tells me two favorite things – the latest news, and how to save material.

Nesting Production Set: The Nesting Assistant

Saving material and labeling on nesting machines.

Our nesting assistant supports you in the automatic calculation of your nesting patterns. The optimization software places the individual components in the nest as close together as possible. This allows you to noticeably reduce material consumption and save costs. At the same time, you print an individual label for each nested part and generate the basis for consistent processing data in your carpentry already at your nesting machine. The Nesting Production Set is the ideal entry-level solution for labeling your parts and is perfectly suited for retrofitting label printing to HOMAG CNC machines.

Your benefits at a glance:

- ✓ **Save material:** You simply optimize your nesting patterns with the intelliDivide Nesting optimization software in job preparation. With just one click, you can load the automatically calculated nesting patterns onto the machine and process them there. In this way, you significantly reduce material consumption.
- ✓ **Consistent machining data:** In production, you print a label for each nested part with the digital assistant productionAssist Nesting. This means that each workpiece has all the relevant information right from the start. This includes, for example, the job name, information on the part and edging, or a barcode or QR code for further processing.
- ✓ **Flexible retrofitting:** Easy to use in conjunction with all HOMAG Nesting machines, regardless of year of manufacture and series.

The workflow in the workshop:

1. You start the optimization of an order with the intelliDivide Nesting optimization software in the work preparation department in the office. Then you load the automatically calculated nesting patterns onto the machine. At the same time, you send the patterns to the productionAssist Nesting app on the tablet in your workshop with just one click.
2. There, you start nesting processing on your HOMAG CNC machine.
3. Once the nesting program has been processed, you select the nesting pattern on your tablet. Simply click to print out the labels individually for each part or the labels for the entire plan using the label printer. This means that each part is clearly identifiable and carries all the important information with it – such as the job name, information on the component and edging, or a barcode or QR code for further processing.
4. If larger pieces of waste arise in nesting patterns that are to be reused, these can be registered in materialManager and are therefore available for the next optimization.

→ **The result: Reduced material consumption, reuse of offcuts, time savings and complete production data from the first process step.**

