# intelliDivide Nesting Advanced Optimize and divide efficiently.

Optimization software for dividing panels in a nesting process.



An app from **HOMAG** — intelliDivide.homag.cloud





intelliDivide Nesting Advanced	PRICING
Price	€95/MONTH
(without tax)	€950/YEAR (license fee)
License	For a max. production of 10.000 parts <sup>1</sup> /month
Renewal	Automatic, for a period of one month or one year
Users	Unlimited
Cancellation period	Up to 3 days before automatic renewal
Additional package	-

intelliDivide Nesting Advanced	REQUIREMENTS				
Devices	intelliDivide is a browser application for use on a PC or laptop.				
Recommended Internet connection	Internet connection (DSL, UMTS, LTE)	min. 5 Mbit / recommended 50 Mbit			
	Browser	Microsoft Edge, Google Chrome, Firefox			
Machines	Can be used in conjunction with all HOMAG nesting machines				
	Can be used in conjunction with productionAssist Nesting for entry-level machines without an integrated label printer				

<sup>&</sup>lt;sup>1</sup> Produced parts are parts from nesting patterns which are printed or downloaded in any format by using the appropriate function

### intelliDivide Nesting Advanced



intelliDivide Nesting is an optimization software package for dividing panels in a nesting process.

intelliDivide Nesting optimization software...

- ...optimizes the nesting patterns
- ...generates data for the nesting processing center
- ...provides key figures for the nesting process

With intelliDivide Nesting, users can achieve firstclass optimization results for their nesting machine.

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#### Upload

| FUNCTIONS

→ The user uploads the individual CNC programs (MPR(X) files) to the optimization software

Specification of the panel material for each workpiece

- Specification of the nesting parameters
  Angle
  - Parts clearance
  - Special settings for small parts
- **Optimization:** The calculation of the different optimized nesting patterns starts immediately.



 Production start: The user selects their desired optimization result and downloads the data/cutting patterns to the nesting machine.

 productionAssist Nesting: If productionAssist Nesting is used, the results can be transferred directly to this application.



#### **ADDITIONAL FUNCTIONS AT A GLANCE**

- Consideration of the graining profile of the single parts and unprocessed panels
- Optimization possible across different panel materials
- Automatic calculation of the material costs
- Offcuts can be defined using the length, width and surface area
- **Import** lists for raw materials
- Additional output of CSV data for HOMAG labeling systems
- Very easy to operate thanks to the ability to select different, adjustable optimization profiles
- The HOMAG materialManager online material management can be integrated (optional)
- Clear reports on key production figures, material utilization and cutting patterns

### WHAT DO YOU GET WITH INTELLIDIVIDE NESTING?

- No manual programming of the machine
- End-to-end data flow, e.g. for labeling, stack formation or via data interfaces to subsequent machines and higher-level systems (MES, PPS, ERP, etc.)
- Planning process support through the calculation of production times and material consumption
- Software costs can be planned through monthly billing, no updates required, reduction in the costs for the IT infrastructure

### intelliDivide Nesting | ACTIVATION PROCESS Advanced

1 Register your company at <u>www.tapio.one</u>

2	Add your machines to your customer account (if "tapio-ready"; only necessary in conjunction with specific functions). "tapio-ready" machines are automatically connected to tapio (free service).
	The machine manufacturer can provide more information about "tapio readiness" and any available updates.
3	Add your colleagues as users. (Adding them to your customer account will give them their own user accounts)
4	Go to the tapio shop and purchase the intelliDivide Nesting license
5	Assign your machines to intelliDivide Nesting and select your users.
6	Go to your PC or mobile device and load the website <u>https://intelliDivide.homag.cloud</u>
7	Log in to intelliDivide Nesting using your account details. Done.

### All the video tutorials can be found here

intelliDivide Nesting Advanced	SUPPORT
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Availability	Monday to Friday, 8 am to 5 pm (CET)