

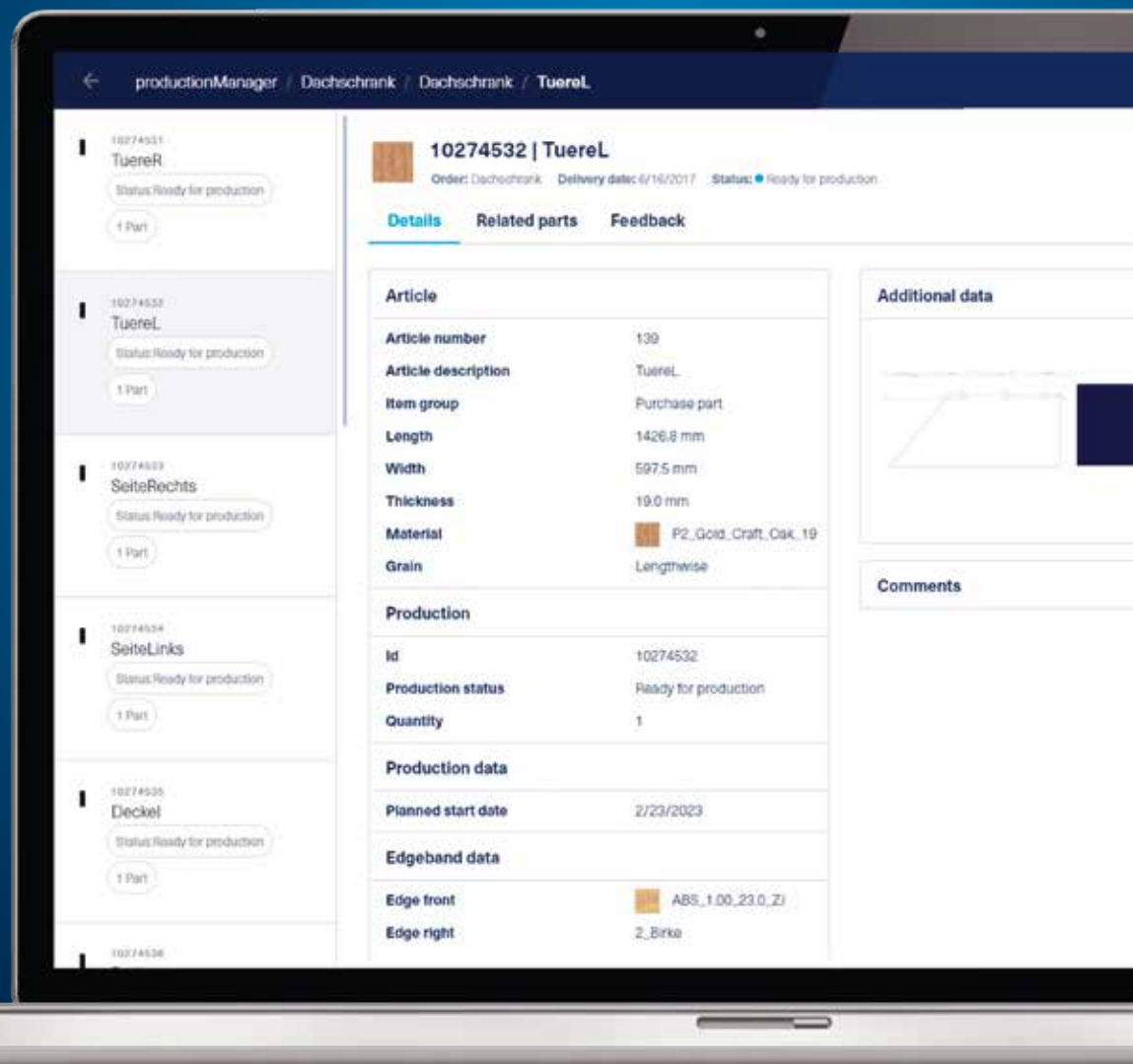
Endless paperwork is a thing of the past. Today it's all about the digital job folder.

productionManager — Digital job folder

The digital solution for work preparation and production.



My laptop is my job folder. Because good organization is the first step to success.



productionManager

The digital job folder brings transparency to your workshop.

With full order books, it is even more challenging to keep track of everything and to keep the job data and job information up to date for all employees. With productionManager, the digital job folder, everyone has access to all information about every job in real time – from the foreman's office through production and to the assembly area. But the web app doesn't just support the end-to-end organization of data: it also makes the current processing status of individual components transparent. You therefore always have an overview of the status of your jobs.

YOUR SOLUTION

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- 06 Take your job to the next level with the digital job folder
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More information at
digital.homag.com

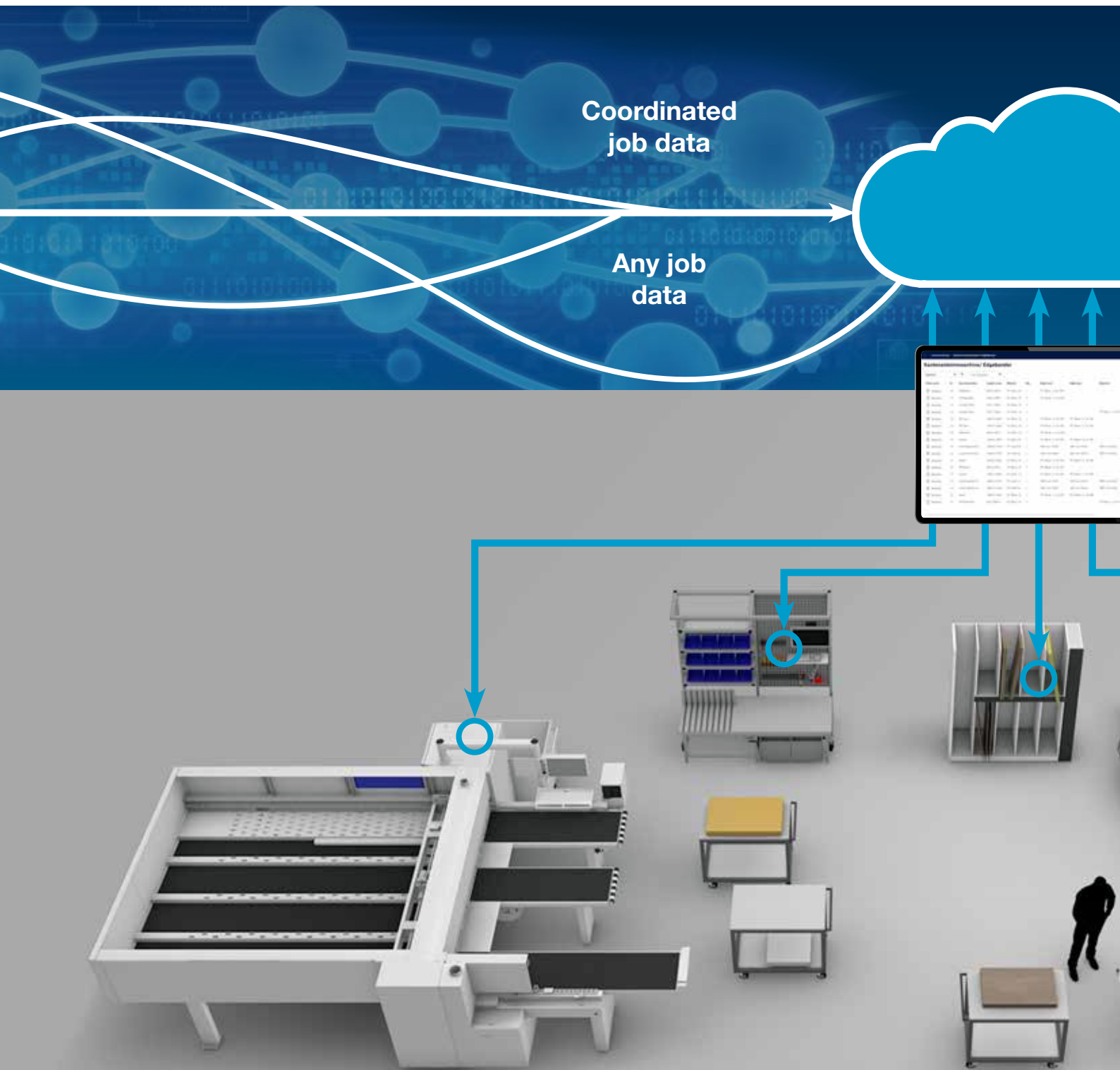


One app with many options

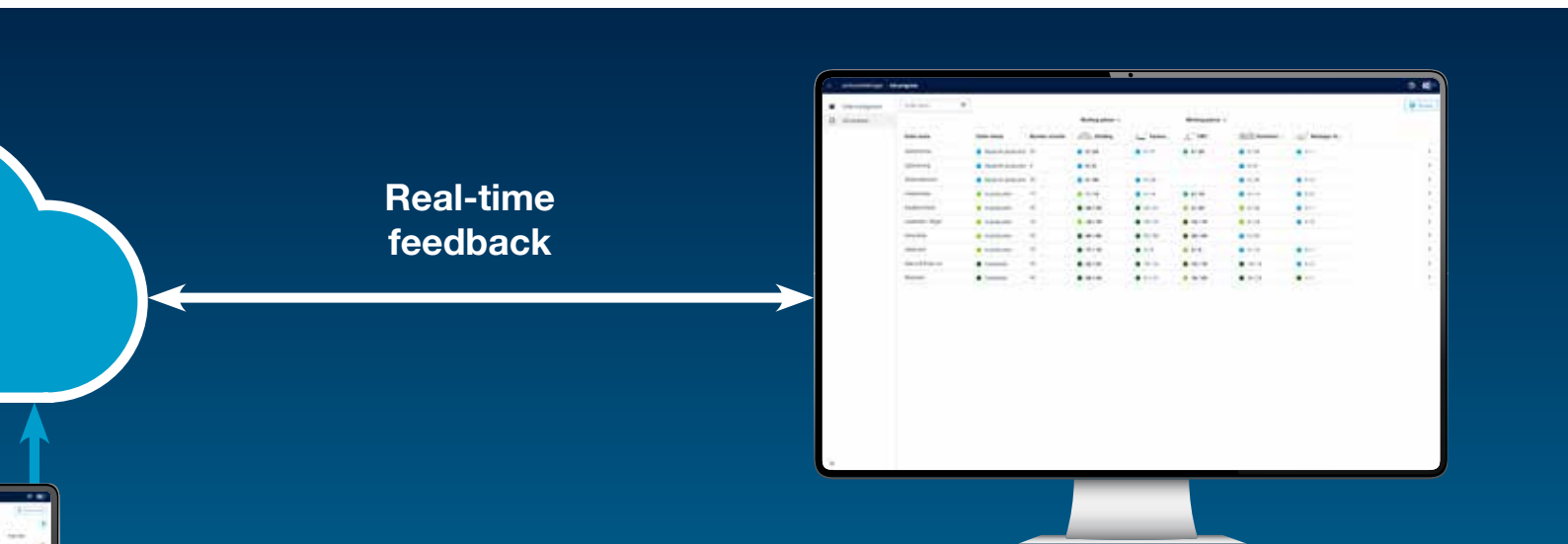
Keep an overview of jobs

Today, many carpenters and joiners face similar challenges: The volume of data is increasing, but how can different data sources be used efficiently and consistently? Woodworking shops often have to deal with a lot of paper: Information on jobs is sometimes printed out several times and distributed

to the employees in individual departments. This can now be consigned to the past – from now on, the digital job folder allows you to bundle all the information about a single job centrally.



” The digital products from HOMAG enable my team and me to have an integrated work process. Every employee has access to all information, no matter their current role in the company. This ensures that we have an optimal overview of orders and an efficient method of working.
Manuel zum Buttel, Managing Director at ZB Holzsysteme GmbH

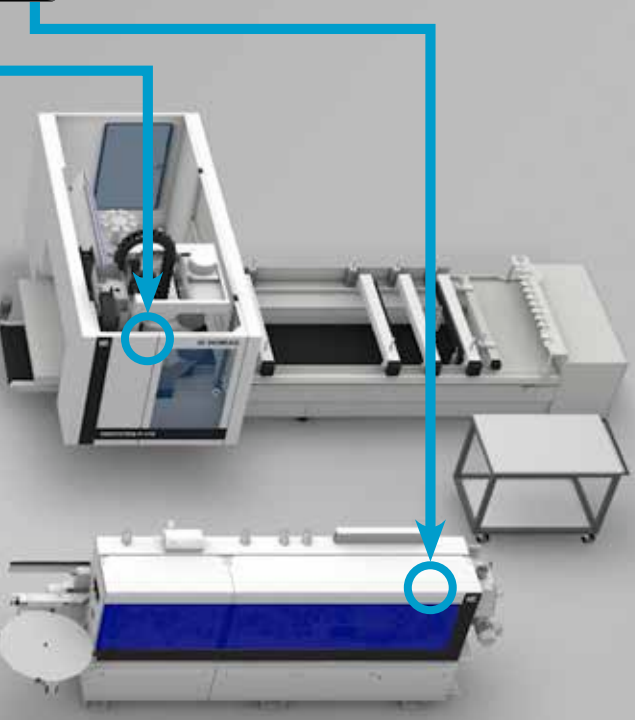


productionAssist

- Manual, automatic or machine-generated feedback

productionManager offers...

- ...integrated digital use of planning and design data and puts an end to endless amounts of paperwork in production.
- ...data import from different systems (e.g. different CAD/CAM systems, Excel, etc.).
- ...complete transparency, because all employees track the progress of jobs in real time.
- ...flexible integration into any existing workshop environment without any adjustments to the software landscape or the machinery.
- ...a simple start to a digital future.
- ...the current status at all times and no effort for updates.
- ...a relatively low investment.



Take your job to the next level with the digital job folder: productionManager as a central solution



productionAssist Feedback – Manual feedback and worklist

- An employee reports back to productionManager which components and items have been processed for each workstation (by scanning or clicking).
- The app shows an overview of the worklist, i.e. the components that have to be processed at the respective workstation.
- The productionAssist Feedback app can be used for all workstations in production and in the assembly area.

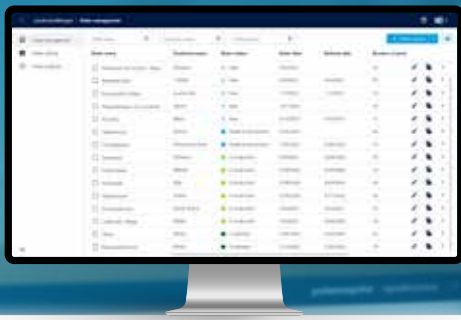
productionAssist Feedback – Automatic feedback

- The machine automatically reports back to productionManager which components have been processed.
- The automatic feedback can be used for all machines that can provide the required information.



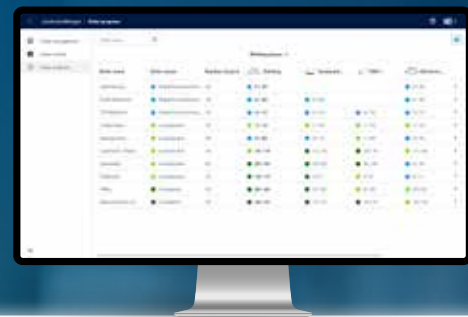
Please scan for
details.

A hit in work preparation and in production



productionManager – Order management

- Shows the complete overview of all jobs and enables new jobs to be imported.
- Displays the job status directly (e.g. ready for production, in production or completed).
- Offers the option of easily archiving jobs with all associated job data for later use, e.g. in the event of a complaint.

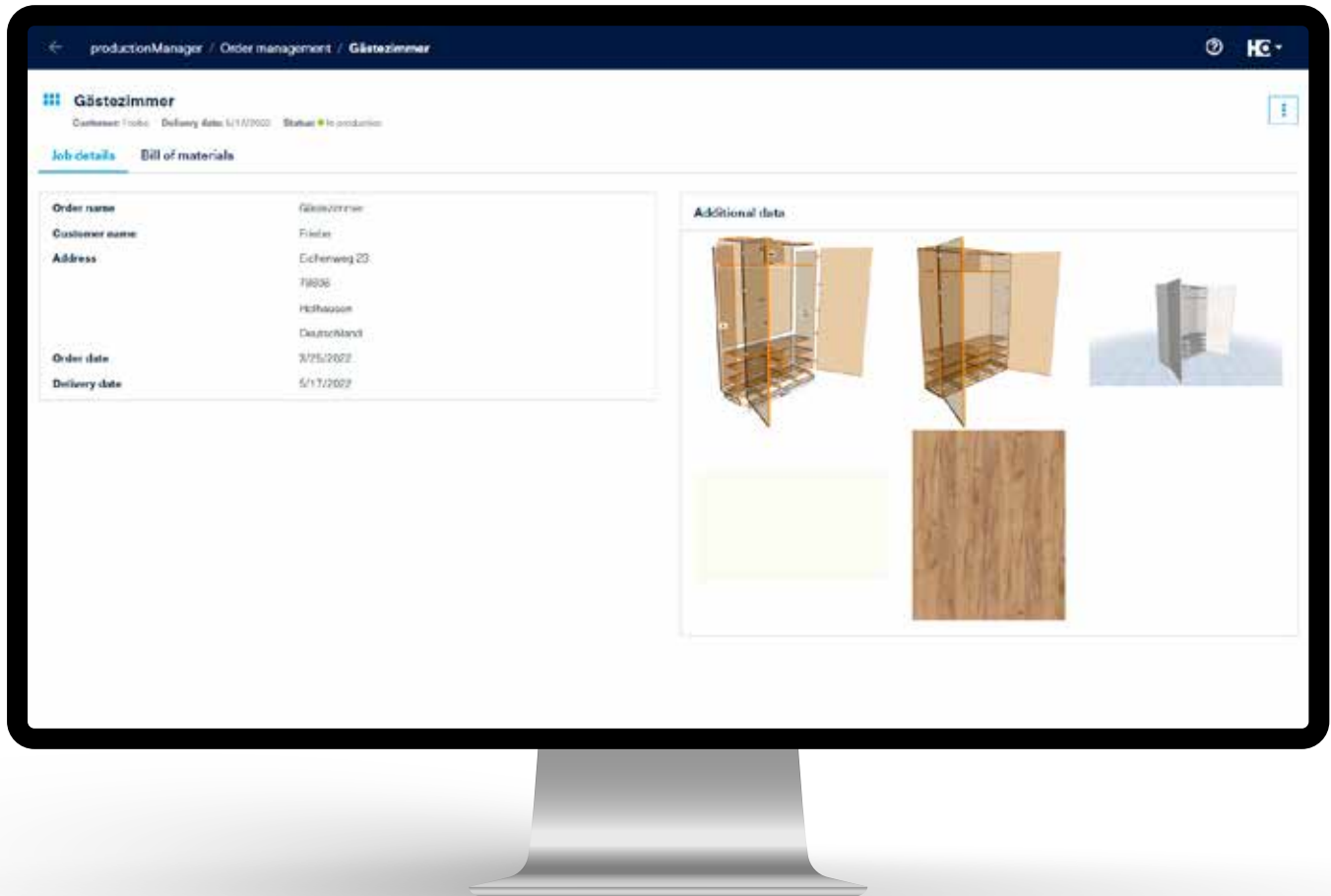


productionManager – Order progress

- Shows the complete overview of the production progress for each confirmation work center.
- The order progress is always available in real time.
- All workstations available in productionAssist are automatically displayed directly in the order progress.

productionManager in brief:

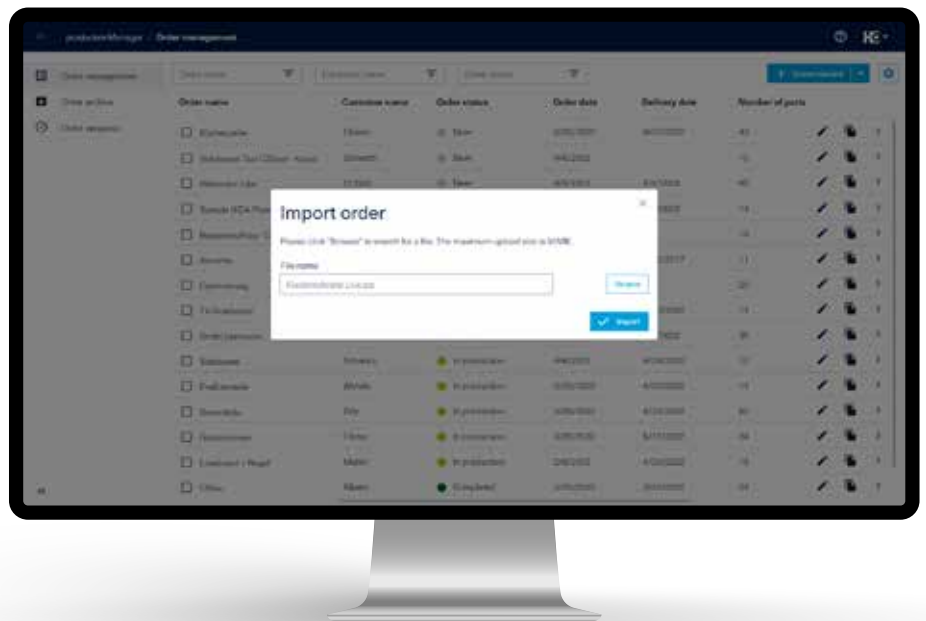
The functions of the digital job folder



OVERVIEW OF THE SEQUENCE

- The first step is work preparation. A customer job is first created or imported into the digital job folder.
 - ready for production and visible in the digital assistants.
- After the import, missing information, such as images, sketches, drawings or special parts such as fillers, can be added to the job together with the parts list.
- Once the job has been clarified with regard to technical aspects and is to be produced, it is released, and the parts list can either be sent to the intelliDivide optimization software or exported for a cutting optimization, e.g. Cut Rite.
- The release makes the job – items, assemblies and components, including the associated information such as drawings
 - ready for production and visible in the digital assistants.
- During production, items, assemblies and components are reported as completed by the digital assistants (productionAssist Cutting, productionAssist Nesting, productionAssist Sorting and productionAssist Feedback) or the machines.
- The completion messages from production are processed in productionManager and automatically displayed as the order progress.
- The production status of a job is displayed in real time in the order progress.

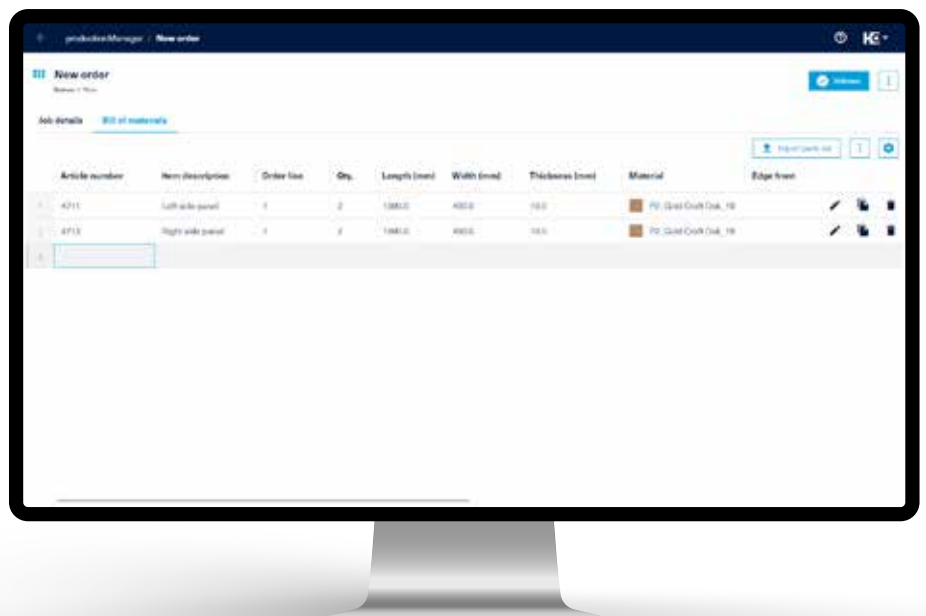
With productionManager, you can therefore always keep an eye on your jobs and know where each job is in production at all times.



IMPORT A JOB

You can import data in two ways: via the parts list or the job import.

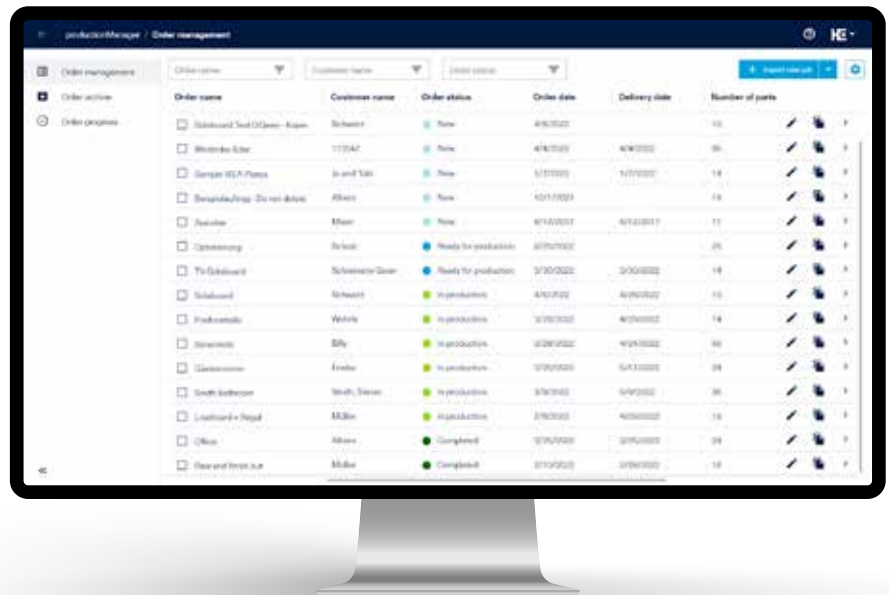
- Data can be imported from various systems: e.g. from an industry solution, Excel, or an ERP or CAD/CAM system (regardless of the format).
- Import templates can be created and saved for the import of the parts list.
- Coordinated interfaces to typical industry systems, e.g. imos iX, BormBusiness, SmartWOP or SWOOD automate the job import.



CREATE A JOB

Alternatively, you can create a job manually.

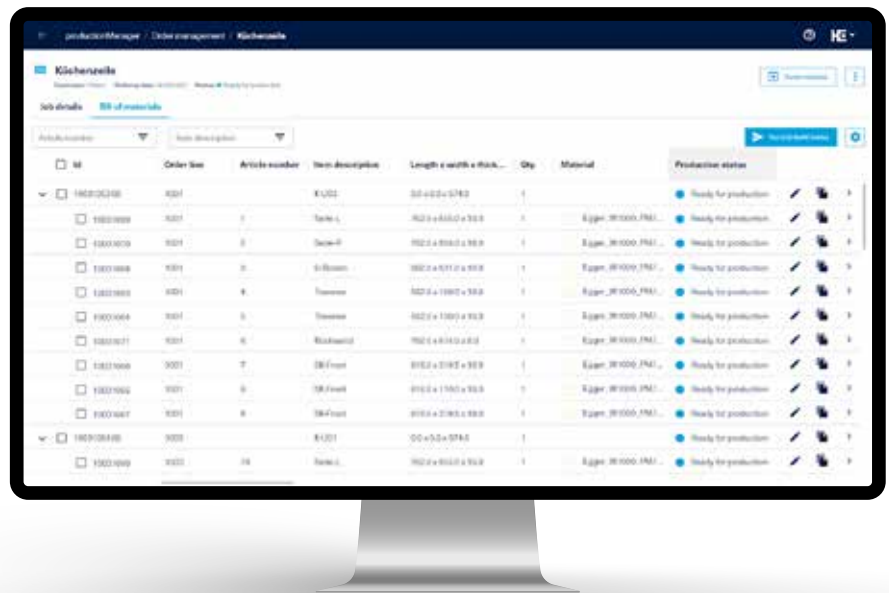
- Simply enter the job header data and create a parts list as in Excel. If you create your parts list in productionManager from the outset, your data is available to you digitally.
- Store drawings, sketches, images, lists of fixtures or other documents.
- Enter component data for your parts list manually.



ORDER MANAGEMENT

The order management provides you with an overview of all jobs and their status.

- You can see at a glance where a job is currently located and navigate to the job details at any time. For example, you can see whether a job is already in production using the job status.
- Import, add, delete and archive jobs in order management.
- Central administration of jobs



RELEASE A JOB

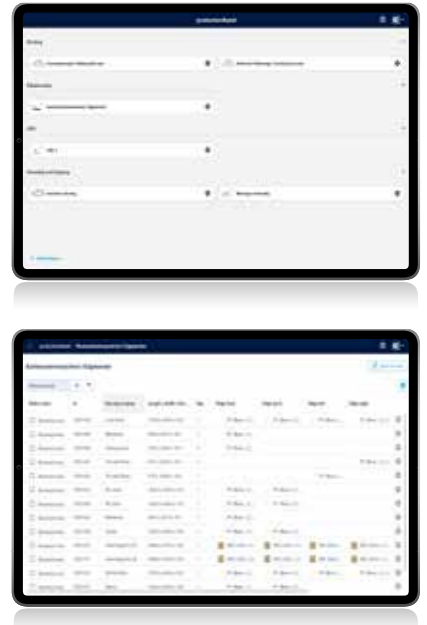
If the job is to be produced, it is released, and the parts list can either be sent to IntelliDivide cutting optimization or exported for another cutting optimization, e.g. Cut Rite.

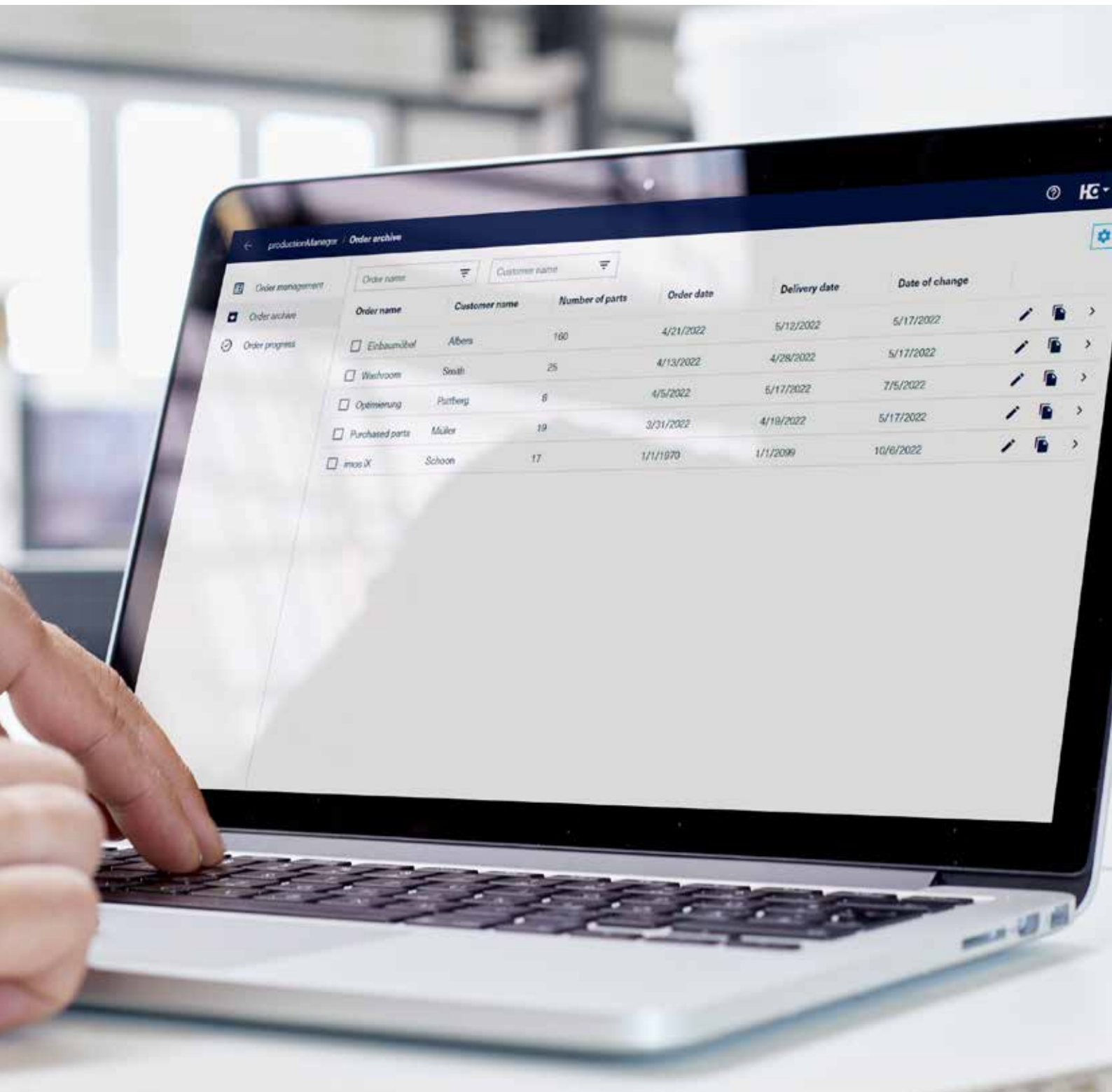
- The release makes the job – items, assemblies and components, including the associated information such as drawings – ready for production and visible in the digital assistants. The status of the job changes to "Ready for production".
- Control when a job is to be produced.

FEEDBACK WORKSTATIONS

The components and items to be processed are displayed in a feedback workstation, productionAssist Feedback. You can set up any number of feedback workstations and therefore reproduce production digitally.

- productionAssist Feedback reports back to productionManager on which components and items have been processed for each workstation.
- Components and items can be reported as "finished" by scanning (tablet or scanner) or by clicking on them.
- Predefined filters for the most important workstations
- Overview of the worklist
- Can be used for all workstations in production and in the assembly area
- Display of detailed information for the items and components, such as assembly drawings and single part drawings





ORDER ARCHIVE

The order archive improves the overview.

- All archived completed jobs appear in the order archive. In order management, so that only jobs that still have to be processed are displayed.
- Archived jobs or individual parts from jobs can be produced again if, for example, post-production is required.

The screenshot displays the 'Wardrobe Eder' order management interface. It features a table with columns for 'Id', 'Article number', 'Item description', 'Length x width x thickness (mm)', 'Qty.', 'Material', and 'Production status'. A warning icon is present above the table, indicating a data quality issue. The table lists various components like 'Wardrobe, 111', 'Side Panel, R.', 'Side Panel, L.', 'Shelf bottom', 'Top Shelf', 'Partition', 'Door', 'Back Panel', and 'Fixed Shelf'.

Id	Article number	Item description	Length x width x thickness (mm)	Qty.	Material	Production status
10017471608	40153	Wardrobe, 111	2000.0 x 2400.0 x 600.0	1		New
10017490	18385	Side Panel, R.	2000.0 x 600.0 x 180	1	Krono_Spanplatte-18mm...	New
10017491	18386	Side Panel, L.	2000.0 x 600.0 x 150	1	Krono_Spanplatte-18mm...	New
10017496	18387	Shelf bottom	2364.0 x 527.0 x 180	1	Krono_Spanplatte-18mm...	New
10017497	18388	Top Shelf	2364.0 x 600.0 x 150	1	Krono_Spanplatte-18mm...	New
10017493	18389	Partition	1814.0 x 1010.0 x 180	1	Krono_Spanplatte-18mm...	New
10017472	18390	Partition	1814.0 x 525.0 x 150	1	Krono_Spanplatte-18mm...	New
10017498	18391	Door	1826.0 x 790.2 x 180	1	P2_Gold Craft Oak_19	New
10017516	18392	Door	1826.0 x 790.2 x 150	1	P2_Gold Craft Oak_19	New
10017535	18393	Door	1826.0 x 790.2 x 180	1	P2_Gold Craft Oak_19	New
10017484	18394	Back Panel	1819.0 x 703.0 x 150	1	P2_Gold Craft Oak_19	New
10017492	18395	Fixed Shelf	772.0 x 506.0 x 19.0	1		New

CHECK THE DATA QUALITY

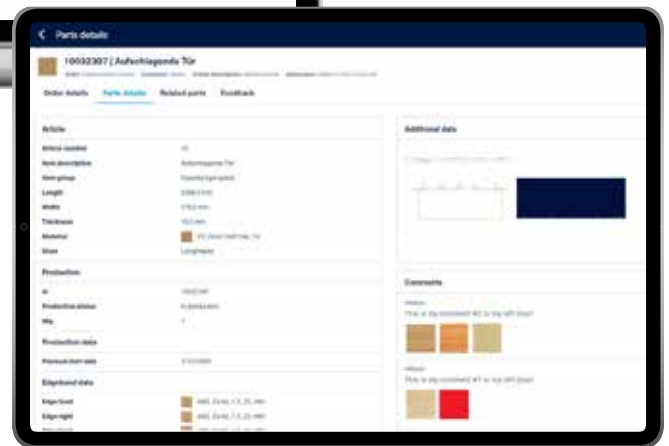
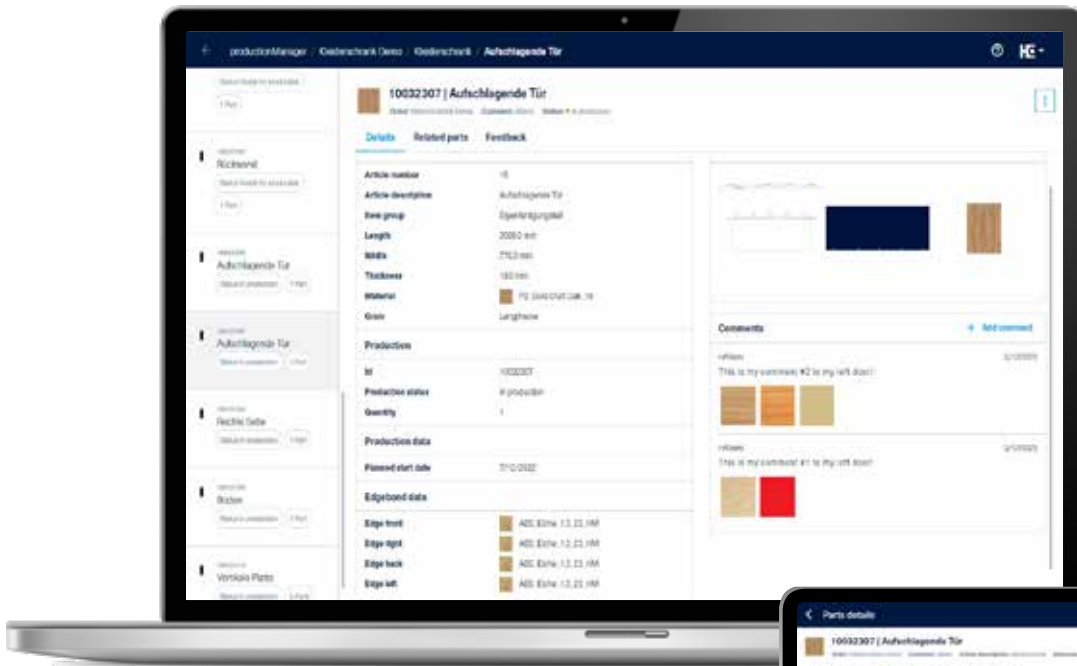
More than just a digital job folder: productionManager ensures the data quality of your jobs!

- Faulty jobs are marked with a warning directly in order management and therefore cannot be released for production. The digital job folder therefore ensures that no incorrect data goes to production.
- The parts list view provides a clear representation of the

errors. The incorrect data can be edited and corrected in this view.

- Markings, visualizations and tool tips support troubleshooting and help during correction.





ADD COMMENTS

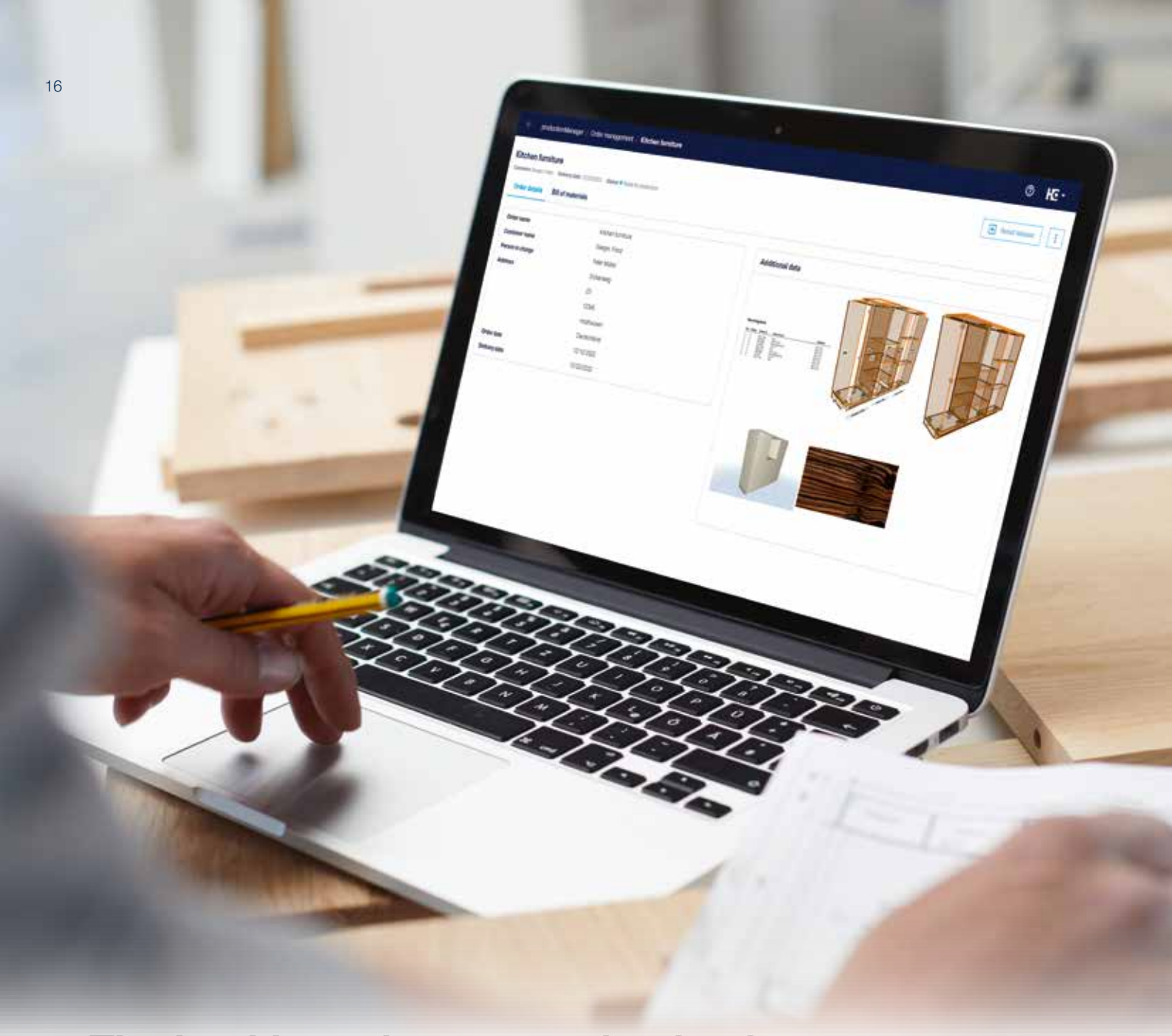
Record comments with images and files – both in productionManager and in the productionAssist digital assistant

- Comments are entered directly for the corresponding component or item. The comments can therefore be displayed in relation to specific parts.
- Images and files can also be added to a comment in the "Attachments" area.
- You can see who entered the comments and when the comments were added, so that information is made even clearer.

- No one-way street, communication in both directions: Comments can be added in both productionManager (work preparation) and in the digital assistant (production).

“ This was also why we decided to test and use productionManager at the beginning of the year, as no other system offers this level of transparency. The crucial point was having an overview of all jobs and always being able to immediately record the scheduling.

Katharina Höppner, employee and project manager, ZB Holzsysteme GmbH



The backbone in communication between the apps:

The digital job folder as a central application

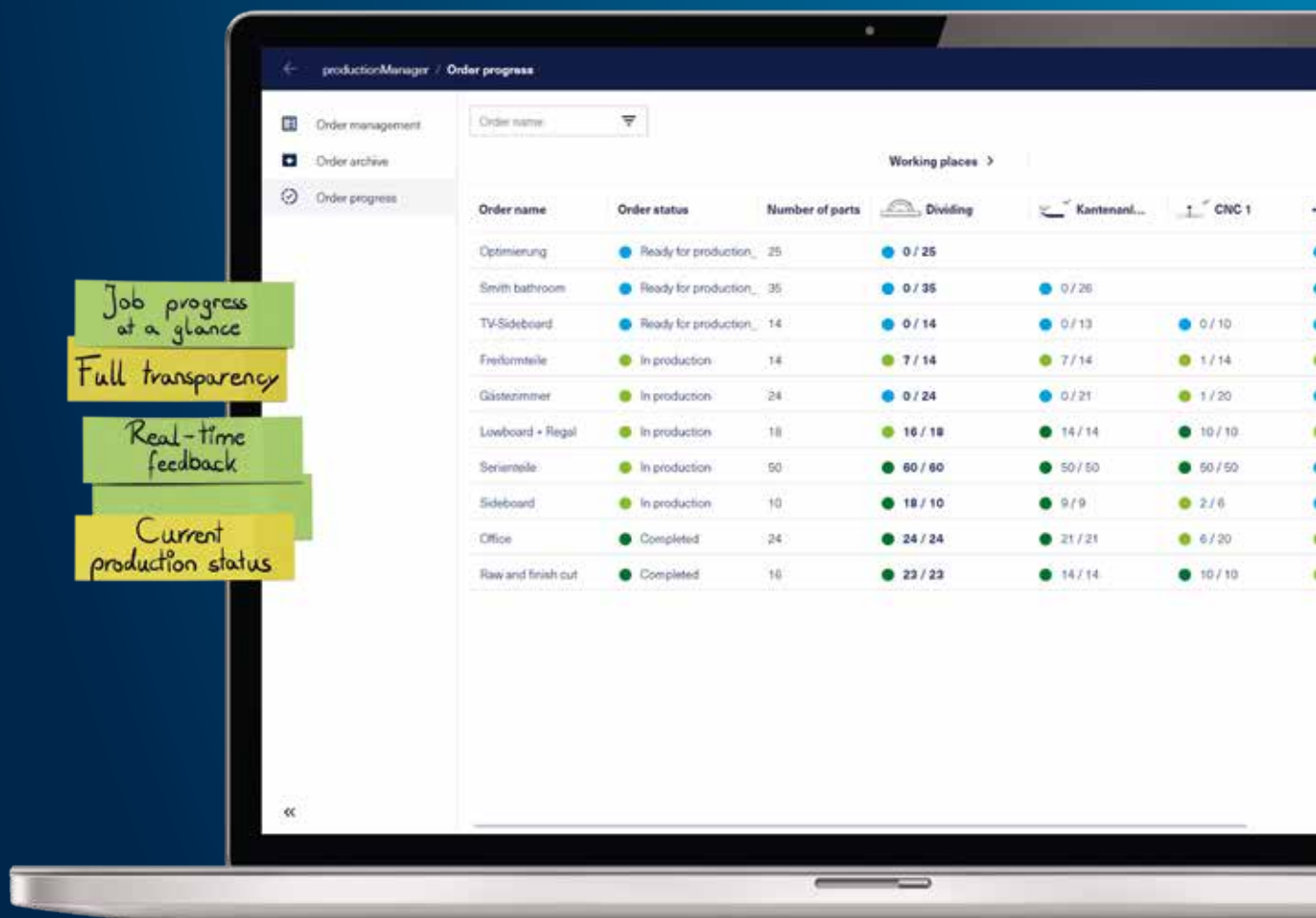
productionManager makes sure that the right information appears in the right place in work preparation and in production.

- Anyone using intelliDivide optimization software for cutting or nesting can transfer the parts for cutting directly to intelliDivide.
- If the company manages its panel and edge materials in the web-based materialManager app, productionManager also uses this data.
- If the cutting, nesting or sorting assistant is used in the company, the data is also transferred to these workstations. These automatically report processing progress back to the productionManager.
- productionManager is already an integral part of the sorting assistant (Sorting Production Set) and ensures a smooth exchange of job data in real time.
- We have also developed suitable interfaces with external software partners: the seamless data exchange with imos iX, BormBusiness, SmartWOP, SWOOD and other partners takes place in an extremely simple and partially fully automated manner. The result is a continuous data flow from a single source.

More transparent than paper. The digital job folder.

productionManager

The digital solution for work preparation and production.



In the background

Technical requirements and registration

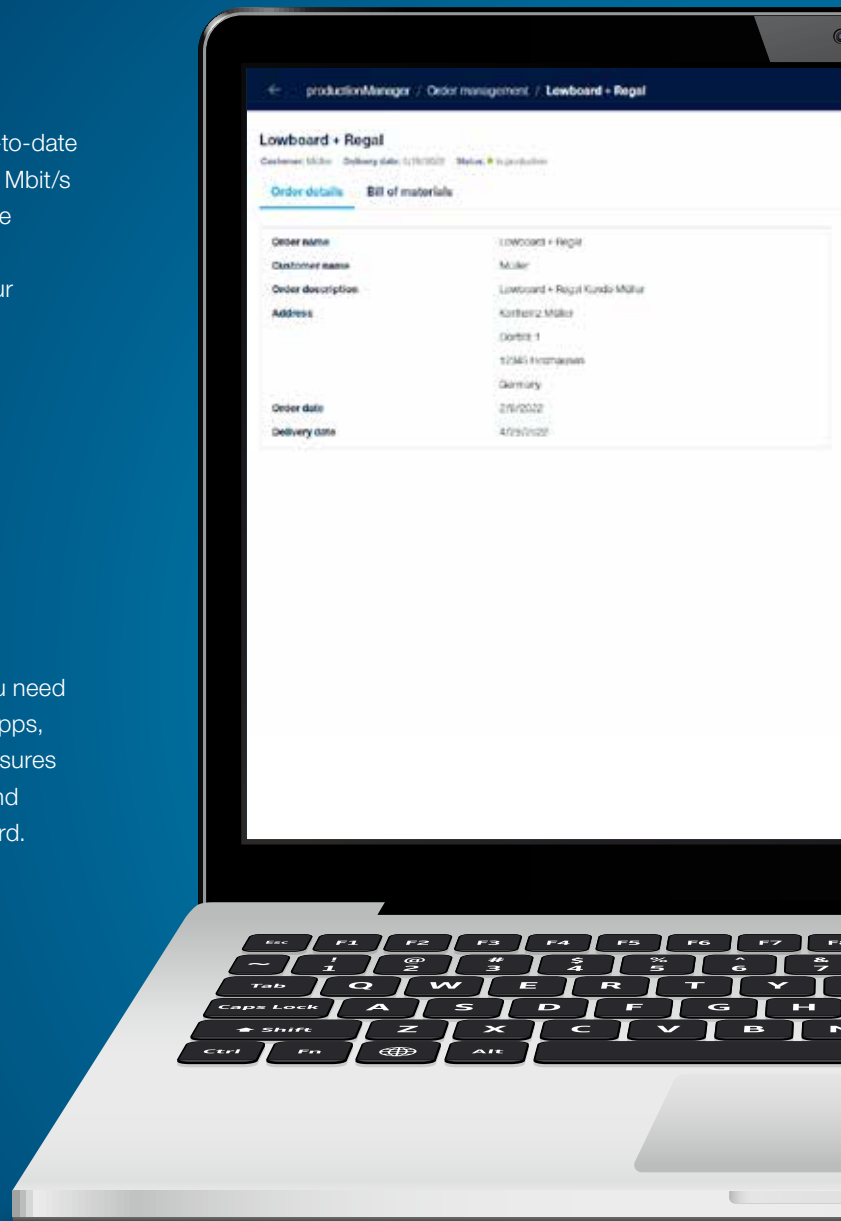
Can be used anywhere – regardless of the end device

To use our apps on your PC or laptop, all you need is an up-to-date browser and Internet access with a bandwidth of at least 16 Mbit/s (min. DSL 16000). We recommend Microsoft Edge or Google Chrome as a browser.

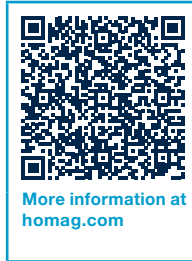
Wi-Fi is required to use the apps wirelessly on a tablet in your workshop.

Just one login tapio – the digital infrastructure

To use our apps, all you have to do is register with tapio. You need a user account in order to be able to add and manage the apps, machines and users with just one login. In addition, tapio ensures the necessary performance level, acts as both moderator and regulator, and is responsible for the certified security standard.

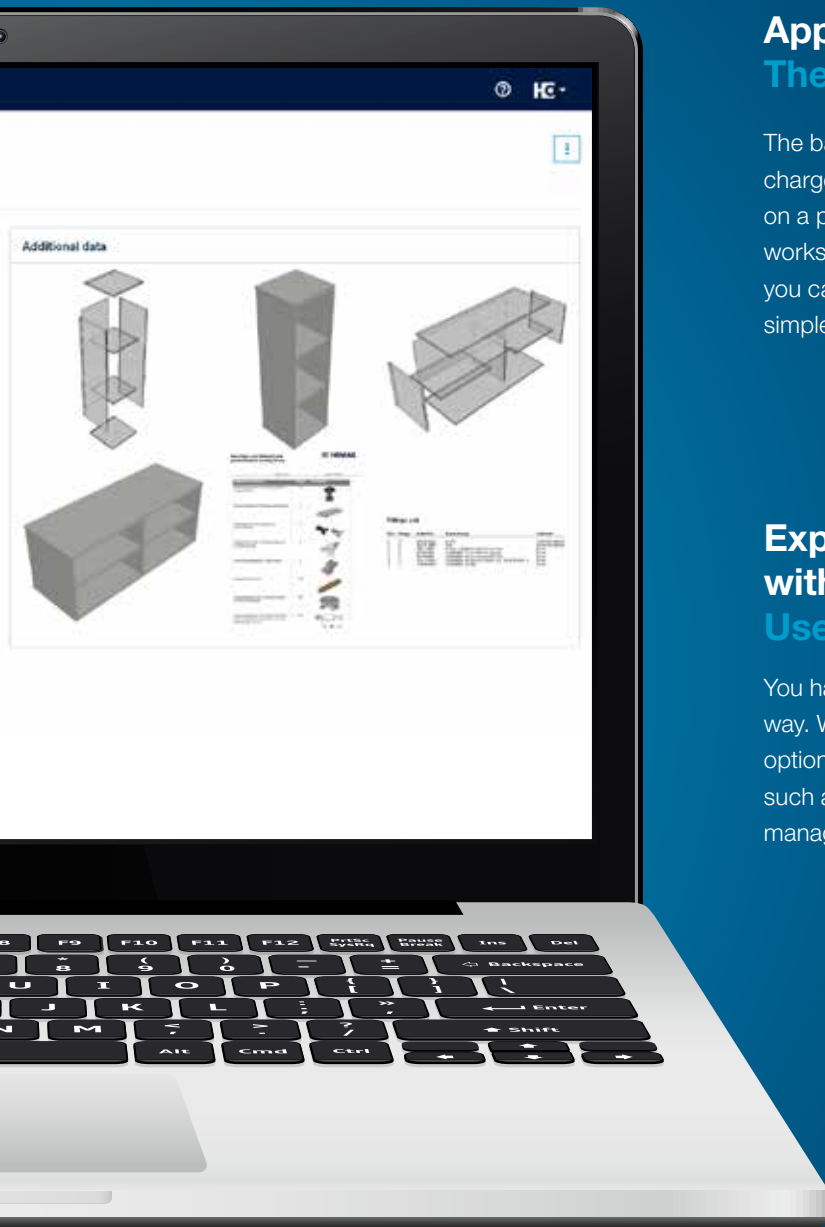


Are you interested in using other digital products from HOMAG?



No problem:
We offer you a wide range
of solutions.

Scan the QR code to find out more!



Apps easier to use than ever The license and price model

The basic version of productionManager can be used free of charge with a feedback workstation (productionAssist Feedback) – on a permanent basis. If you would like to add additional feedback workstations or coordinated interfaces with software partners, you can do this easily on a monthly or annual basis. It couldn't be simpler or more transparent.

Expand the range of functions with ease

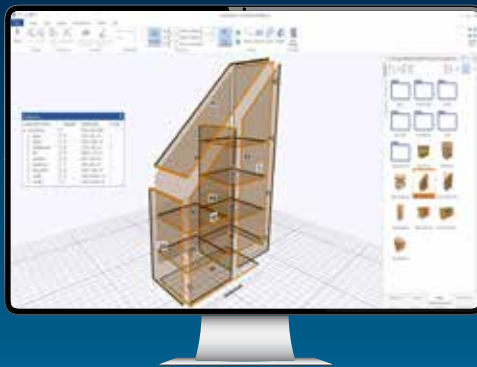
Use further apps

You have the flexibility to expand the digital job folder in a modular way. With our wide range of digital solutions, we offer you various options for supplementing productionManager with other apps – such as our intelliDivide optimization software, apps for material management or cutting and sorting assistants.

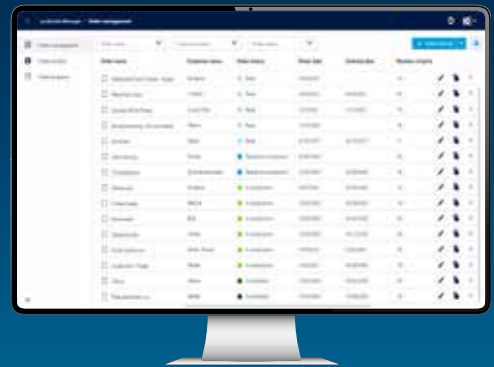
Overview

Individual solutions for your workplace

Everyone is talking about digitalization in woodworking shops – but what's the best way for a company to approach this transformation? We have developed powerful and smart solutions for you. With our apps and digital assistants, we make everyday work in the joinery easier. Almost all apps can be used as individual modules – depending on the requirements in your company.



A SmartWOP
Software for furniture design



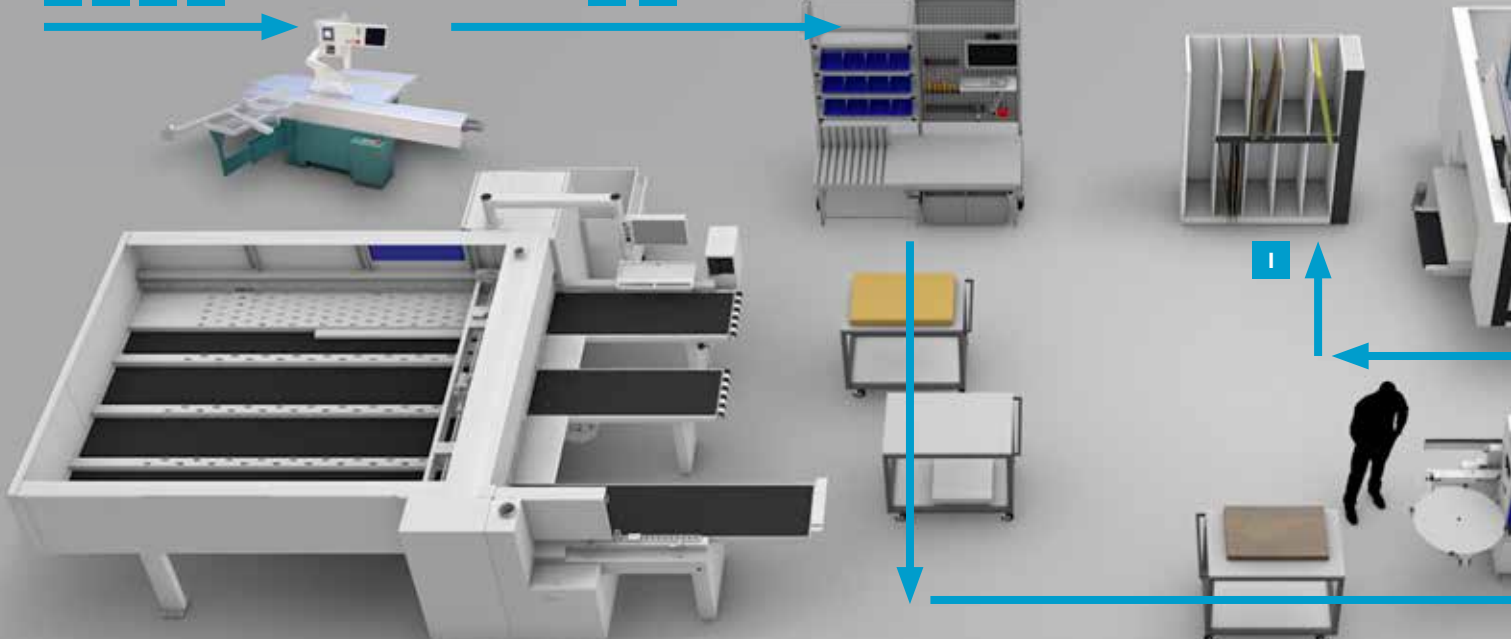
B productionManager
Digital job folder

Order creation and work preparation

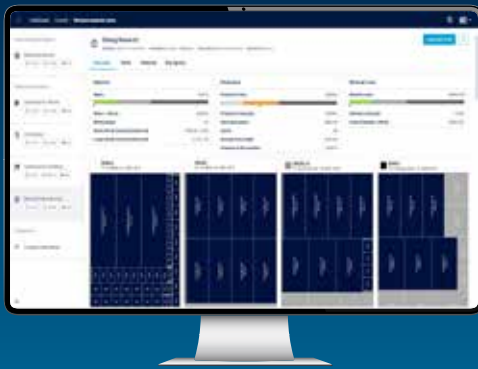
A B C D

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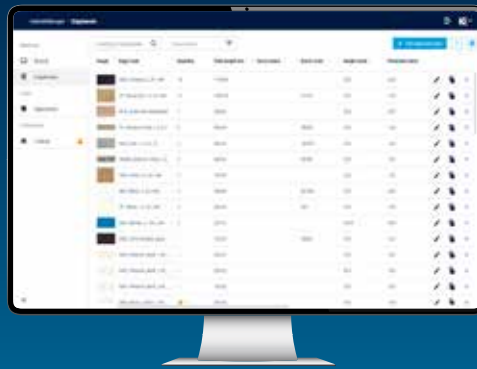
I



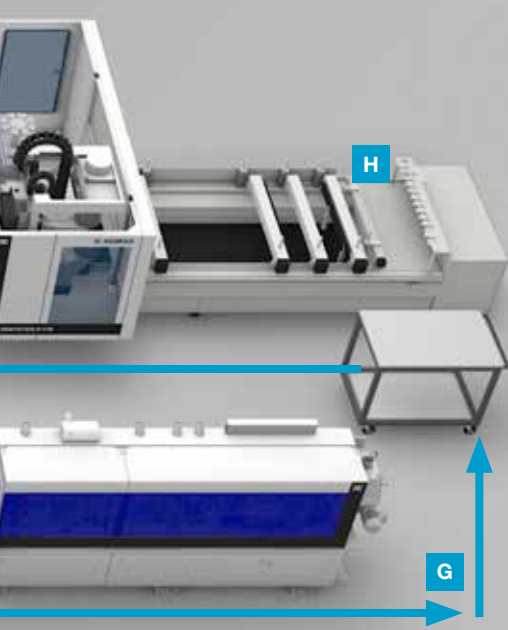
Digital makes it easier: Our solutions for the workshop.



C **intelliDivide Cutting**
Cutting optimization



D **materialManager**
Central material management



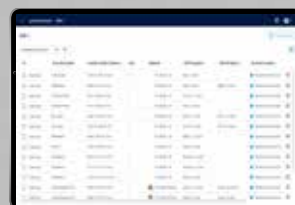
E **productionAssist Cutting**
Cutting assistant



F **materialAssist Boards**
Panel and offcut management



G **productionAssist Feedback Edge**
Feedback assistant



H **productionAssist Feedback CNC**
Feedback assistant



I **productionAssist Sorting**
Sorting assistant

Apps and digital assistants.

Quick and easy support in your machine environment.

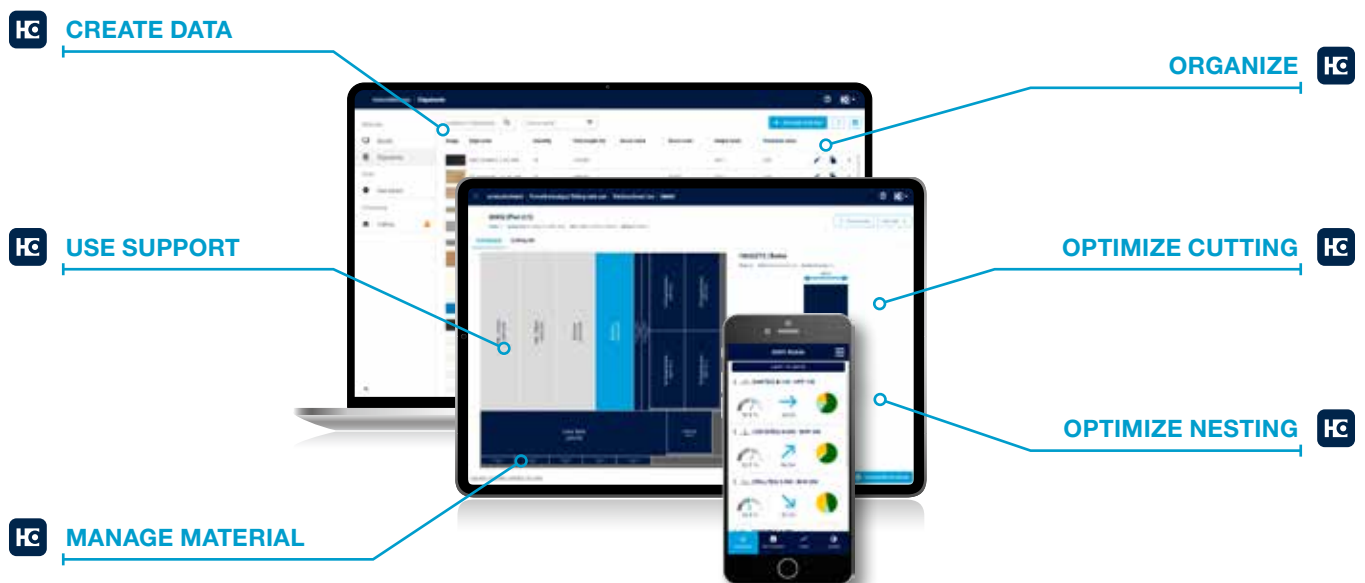
Some people still use pen and paper to create their cutting patterns. But they look at their smartphone if they want to know what the weather is like – instead of looking out of the window. We asked ourselves: why not combine the best of both? Our apps and digital solutions make your everyday work easier: machines, material, tools, cutting patterns, components – you always have everything in your pocket or on your desk.

EXCERPTS FROM YOUR FEEDBACK:

- Are there simple solutions that can eliminate various obstacles in my day-to-day work (e.g. when organizing materials or sorting parts)?
- Is there a way to slowly approach using digital assistants?
- Which tools can you try out simply and easily without having to invest huge sums of money straight away?

OUR ANSWER? SMART AND POWERFUL SOLUTIONS:

- ✓ Always low investment
- ✓ Always up to date (no updates necessary)
- ✓ Always easy to use (no complex software)
- ✓ Always helpful





THE ADVANTAGES AT A GLANCE

- No investment, update or maintenance costs
Low starting price, no unplanned financial expense
- Licenses are independent of the user
Any number of employees can use the application without incurring additional costs
- Independent of hardware and operating system
Can be used anywhere, anytime
- Open system – import possible from almost all systems (ERP, industry software, CAD/CAM, Excel, CSV)
No obligation to use specific software systems
- Simple, smart operation
Minimal training required
- More efficient production
Jobs completed more quickly, more safely and in higher quality



More information at
digital.homag.com



HOMAG Group AG

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YOUR SOLUTION