

wood**Store** 6 - Simply better



wood**Store**



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WOODSTORE



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woodStore

woodStore BasicLine

- PowerTouch Support
- Assistants for generation of master data
- Easy2Work package
- Thin board package
- FlexSortPlus
- woodStore basic functions
- Report generator

woodStore BasicLine Options

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- woodStore basic functions
- Report generator
- Offcut management
- Additional user interface
- Scanner connection

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woodStore ProfiLine

woodStore ProfiLine Options

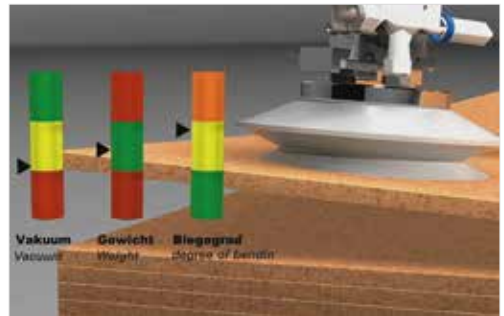
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 - IntelliStore
 - Extended master data management
 - High performance intermediate buffering
 - woodStore Analyzer
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 - Integrated expert system
 - Head cut modul
 - OffCut Assist
 - Lift table management
 - Connection steady-state machines
 - Interface external ERP/PPS systems



Easy2Work package

By reason of the many new functions and an easier operation customers now are able to control the storage even simpler and use the optimization potentials. Even in the standard Easy2Work contains new and known functions in an especially user-friendly 3D view.

- Selection and entry of panels will be simple and safe like never before
- Maximum transparency and control of the whole stock
- Errors excluded - The entry of stack data is a cinch with the new 3D view



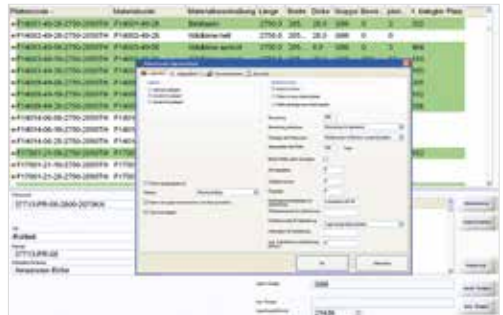
Thin board package

Monitoring of the mechanical unit by the storage control for separation of critical parts.

- Parameter for panel handling are automatically generated and the separation behavior of raw boards like e.g. uncoated MDF panels or chipboards is clearly improved

//woodStore BasicLine

The appealing 3D optics offers even more comfort and make the operation of the storage a child's play.



FlexSortPlus - the new intelligent pre-removal

- Pre-removal anywhere in the storage (pre-removal places, storing places or not needed storage places)
- Variable number of panels for the block to be pre-removed
- Automatic generation of pre-removal orders out of the running production or out of the program order of the saw
- No more waste of storage space for pre-removal places!!!

woodStore basic functions

- Simplest operation
- no separate training necessary
- Production lists and removal lists synchronize automatically with the program order of the saw.
- No operation at the storage necessary
- All necessary storage functions like storing, removal and re-stacking are contained
- Fixed place groups with flexible space use
- Chaotical and one sort storing of material



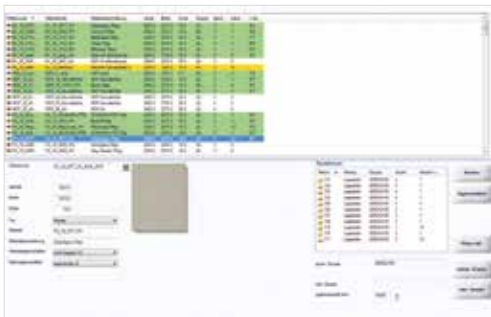
Report generator

- Generation of stock and movement data
- Variable file formats and excel export
- Fully automatic time controlled call



//woodStore BasicLine Options

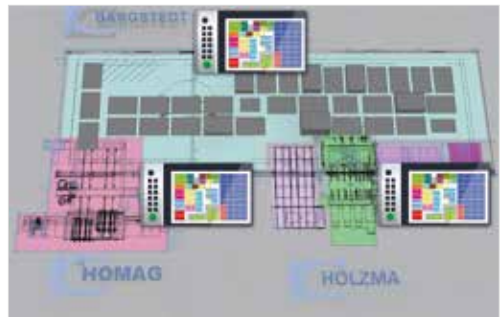
woodStore contains more possibilities in the storage control thanks to the options for the BasicLine. The BasicLine options with the moduls offcut management, scanner connection and additional user interface is recommended especially for customers who attach importance to a maximum material yield and more flexibility.



Offcut management

Automatic storing of offcuts out of the saw with integrated measuring of the panels when intake. Management of manual offcut storages with corresponding assistants for an easy adjustment.

- High material yield due to optimum material use from new part to offcut!



Additional user interface

- Full transparency - there, where it is needed
- Simultaneous processing of orders at several workstations



Scanner connection

The scanner alleviates the operation! Simply scan the new material that has to be stored and the storing order is generated.



//woodStore ProfiLine

Your customer gains a multitude of possibilities in an extended storage management by reason of woodStore in the ProfiLine.



Extended storage management

More collocation, more overview, more safety! Storage places or storage areas can be prioritized for mixed, chaotical or one sort operation. By reason of cover board functions light protection boards are managed and precious genuine wood is protected against fading.

- Dynamic quick shots
- Variable, flexible definition of place groups and storage areas
- Several manual stack or offcut storages with assistant for effortlessly adjustment
- Laminate box management
- Consideration of the maximum age of a panel



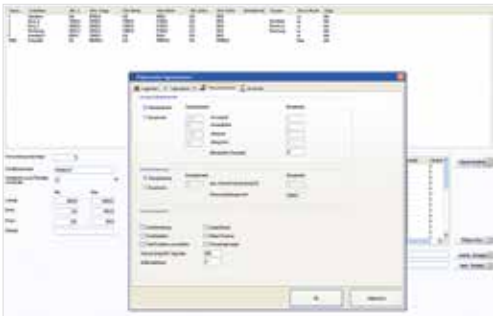
Extended storage functions

Finish with the „slow sellers“! The stock ist dynamically optimized to the maximum age of the stored panels due to the extended storage function. Those panels that are longest in the storage are always supplied as first into the process.

- Variable number of storing and removal places
- Flexible places in the saw like strips, half formates, etc.
- Comprehensive re-stacking and sorting functions
- Many special and removal functions e.g. by operation on maximum age
- Priority switch also in running process



Obj. Nr.	Materialname	Maß	Ein.	Lager	Platz	Materialcode	Grp.	Obj.	Auftrag	W. Anzahl	Einheit
01-0001	Werkstoff 01-000100000	1	m	001	00000	01-00010	01	001	00000	1	m
01-0002	Werkstoff 01-000200000	1	m	001	00000	01-00020	01	002	00000	1	m
01-0003	Werkstoff 01-000300000	1	m	001	00000	01-00030	01	003	00000	1	m
01-0004	Werkstoff 01-000400000	1	m	001	00000	01-00040	01	004	00000	1	m
01-0005	Werkstoff 01-000500000	1	m	001	00000	01-00050	01	005	00000	1	m
01-0006	Werkstoff 01-000600000	1	m	001	00000	01-00060	01	006	00000	1	m
01-0007	Werkstoff 01-000700000	1	m	001	00000	01-00070	01	007	00000	1	m
01-0008	Werkstoff 01-000800000	1	m	001	00000	01-00080	01	008	00000	1	m
01-0009	Werkstoff 01-000900000	1	m	001	00000	01-00090	01	009	00000	1	m
01-0010	Werkstoff 01-001000000	1	m	001	00000	01-00100	01	010	00000	1	m



Production list module

The easy processing and activation of all orders with full plausibility check creates safety for the operators.

Forklift truck movements are reduced to a minimum as flexible combination of storing and pre-sorting.

- Production order to be defined by the storage
- Variable storing and removal strategies
- Dynamic quick shot release
- Forklift truck management

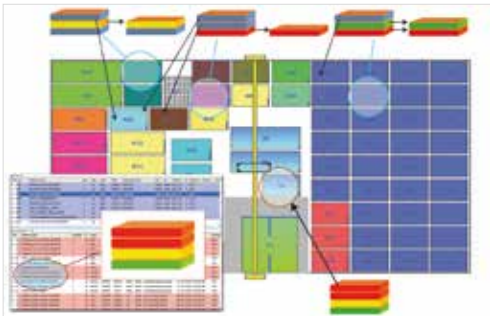
Extended master data management

- Templates for the automatic generation of master data
- Data management for organization of supplier, delivery and storing
- Flexible interfaces for the import and export of data
- The extended master data management enables the central administration of master data for the saw as well as for the optimization and the storage.
- Thanks to the data management the complete backtracking acc. to ISO 9000 is guaranteed.

Illustration serves for better understanding, aberrations possible

//woodStore ProfiLine

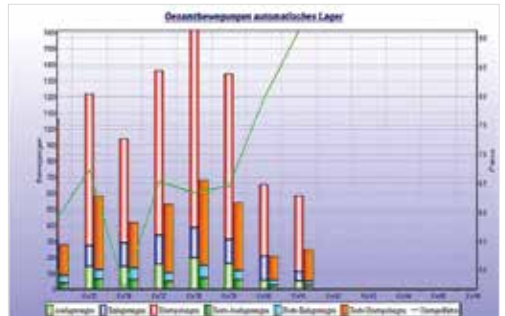
This version contains the patent-registered **intelliStore** for 30% less re-stackings in the storage and also the **production list modul**, the **extended base data management** and **storage functions** for even more flexibility.



High performance intermediate buffering

When high performance intermediate buffering stacks are dynamically built from the needed panels according to the production succession.

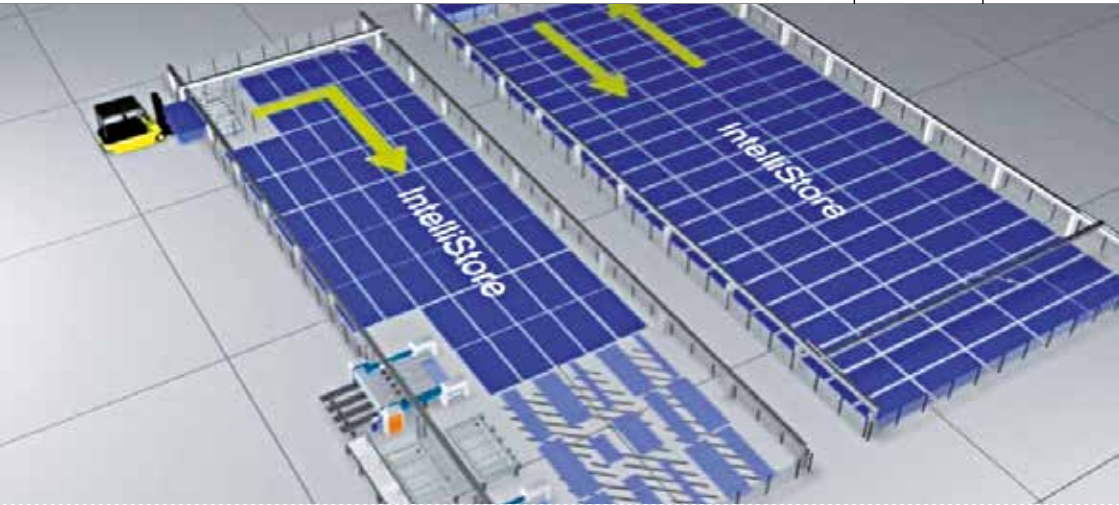
- Minimum storage movements through foresightful stack building - essential for just in time production!



woodStore Analyzer

In an individually selectable period the main functions of the storage system are scrutinized customer-specific and analyzed whether the customer uses the storage system optimally.

As evaluation of the analysis is displayed with what efficiency the storage is currently working. In combination with the licensing experts are activated that guide step by step to use the storage highest efficiently.



Support surface labeler

The surface labeler is completely supported in woodStore and thus additional alternatives of the material allocation implemented to the saw.

- Additional flexibility in the material allocation for the saw like:
- Passing of the labeled panel
- Direct deposition in the labeler
- Labeling also for panels for external saws possible



Offcut labeling for manual offcuts

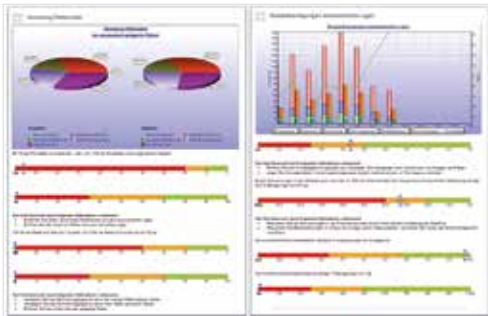
Labeling of offcuts through the HOLZMA label printer for manually registered offcuts enabled by the storage control.

All necessary data may be sent from the HOMAG Automation terminal to the HOLZMA printer and so the printer at the saw may be used like a network printer.



//woodStore ProfiLine Optionen

The options for the woodStore ProfiLine perfect the storage control. The steady-stated machines from HOMAG and WEEKE can be linked in this version and lifting tables completely managed at saws.



Integrated expert system

If the analysis detects improvement need then the integrated expert system will give recommendations for the most important storage criteria which steps may be taken to increase the efficiency of the storage system.

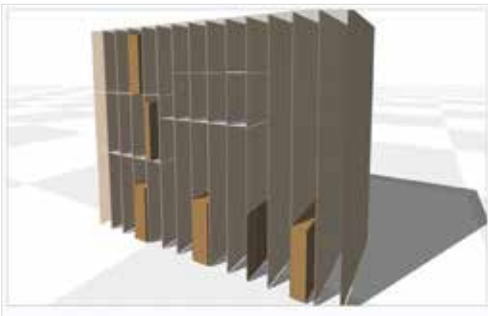
- Simple „step by step“ instruction how to increase the efficiency of the storage



Head cut modul

Panels with head cuts are returned by the saw, taken by the storage and rotated re-deposited.

- Using plants with low capacity the rotary table may be omitted.



OffCut Assist

The OffCut Assist provides new support for the operator in management of manual offcuts. Offcuts can be taken by means of the scanner and a signal lamp shows whether the offcut may be removed or whether it is already planned for another order.

- Optimal material yield from the new part up to offcuts
- Management of manually stored offcuts in realistic display
- Simple creation, display and print of removal lists
- Traffic light for part identification (red: panel already planned; Green: Board available)



Lift table management

Offcuts can be deposited in front of the lift table stack directly on to the saw table or be taken from there. Offcut stacks can be restored or removed by choice.

This modul enables the complete management of lifting tables in the saw as well as of the internal and external roller conveyor for the infeed and outfeed in the lifting table.

//woodStore ProfiLine Options

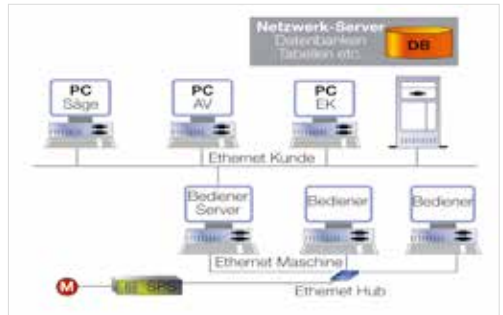
Especially the OffCut Assist that is contained in this option package facilitates clearly the management of the manual offcuts and increases the material yield enormously.



Connection steady-state machines

Steady-state machines from WEEKE or HOMAG can be linked to the panel storage. Machines with two-way occupancy of the provision tables or with integrated offcut management are linked via control by choice to the storage.

Using this modul customers can link their CNC operating machines to the storage and can benefit from the advantages of the intelligent logistics of a plane storage system for their production.



Interface of external ERP/PPS systems

All master data can completely be administered at any working station, either at the storage or at the external system. Offcuts can be stored and removed automatically. Storing positions can be freely determined by the storage or the external system.

- Connection of external optimizations or production planning systems directly in data base level
- Fully automatic master data transfer from and to external systems and adjustment of all storage stocks incl. supplier informations



///The most important reasons for HOMAG Automation

1. **Open data base system** enables smooth integration
2. **Multiterminal** offers transparency, ergonomic windows surface with 3D display, is simple and functional in operation, ControlCenter for the most important functions
3. **Multi-master coupling**: Complete integration of optimization, saw and storage to a cut system with appropriated interfaces
4. **IntelliStore**: Flexible storage organisation, adapting itself automatically on production conditions
5. **Complete offcut management** (automatic and manual offcuts) prevents the buildup of offcut stock
6. **Forklift driver management**: Enables from cut decoupled material supply
7. **Administration of external storages** integrated
8. **Easy Edit production lists**: Simple change of the orders and sequence -> maximum of transparency
9. **Different storage strategies** enable simple adjustment for the storage management on changing production scenarios
10. **Optimization** of the production sequence enables high capacity



Position	Version
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FlexSortPlus	
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Report generator	
Offcut management	<div data-bbox="759 635 983 746"> <h2>BasicLine Options</h2> </div>
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