



TAURUS
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barbaric



Panel handling

compact - fast - custom-made



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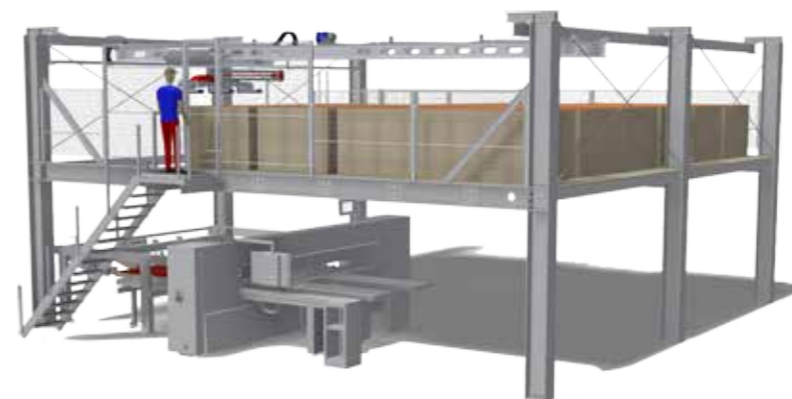
Panel storage system

■ CSF
Multilevel

Multilevel storage systems offer the maximum efficiency for customers with high production halls. With the CSF Multilevel Barbaric offers the possibility to store boards on the upper floor and to feed the processing machines at ground level.

For particularly high performance and storage capacity even multiple storage manipulators can be implemented one above the other. An optimal solution for high-performance industrial plants.

barbaric



A solution out
of one hand

We are proud to offer a complete handling solution:

- > Steel construction
- > Mezzanine Floor open
- > Maintenance Stairs
- > Automatic Sliding Doors
- > Camera system (multiple angles)

A highlight — our
double-scissor load arm

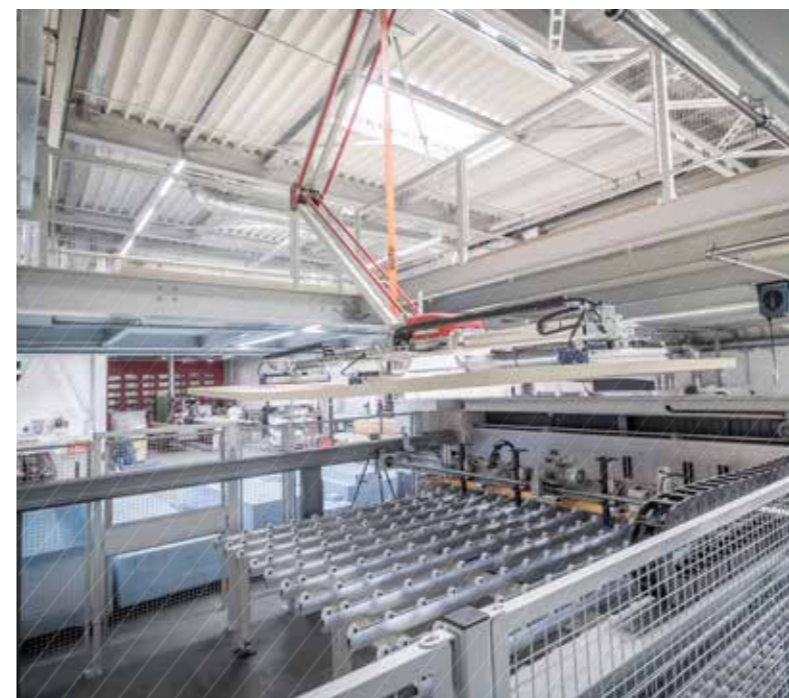
The construction in a double-scissor configuration offers many advantages:

- > Lifting height of 4200 mm
- > Optimal storage efficiency through storage in upper level
- > Flexibility in space configuration
- > Adequate height of lower level with 3200 mm



Machine feeding

No matter which kind of processing machine – any machining center can be placed on the ground floor. With a comfortable ground level height of 3200 mm the lower floor has a sufficient height for machine operation and even fork lift operation. The steel construction can also be used to mount dust extraction pipes or stationary installations.



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Ideas
that move.



FEED



STORE



ADMINISTRATE

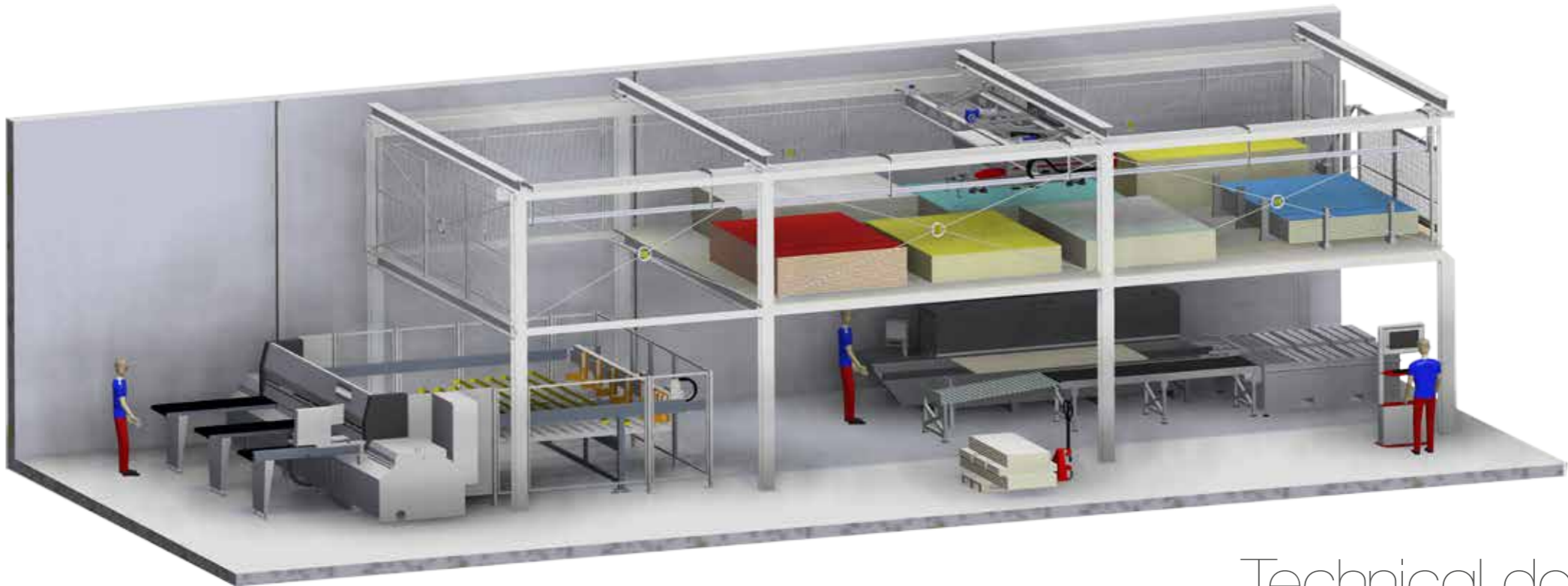


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Panel storage system

CSF
Multilevel



Technical data

Functions and operation

- > Sliding doors at the store-in place for maximum safety
- > Maximum efficiency in terms of storage space
- > Individual constructions on customer request
- > all basic functionalities of the panel storage system CSF Professional integrated
- > adjustment to existing software solutions
- > optimized utilization of storage space
- > transparency with regards to stock quantities
- > simple inventory procedure, current stock levels at all times
- > fully automated panel handling
- > highly flexible system
- > cycle times below 1 minute possible

Your benefits at a glance

- > Efficient height use of your production hall
- > Often no need for production hall expansion (enormous cost savings)
- > Sufficient and comfortable ground level height
- > Access to upper level through maintenance stairs
- > Installation of dust extraction or supply lines on steel construction possible
- > Optimal material flow
- > Gentle and damage-free material handling
- > Optimal storage capacity
- > Camera system for optimal surveillance from user terminal

	STANDARD	OPTIONAL
System size		
» Crane runway	up to 70 m	
» Crane bridge	up to 15 m	
Movement speeds		
» X-axis	150 m/min	
» Y-axis	150 m/min	
» Z-axis	60 m/min	
Panel sizes		
» Length	2000 – 4200 mm*	max. 5600 mm
» Width	600 – 2100 mm	others on request
» Thickness	from 6 mm	from 3 mm
» Panel weight	200 kg	300 kg
Panel rest sizes (for re-integration)		
» Length	2000 – 4200 mm*	1200 - 4200 mm
» Width	600 – 2100 mm	
Stacking		
» Stack height	1200 mm	others on request
» Stack distances	150 mm	up to 100 mm

* Panels up to 5600 mm long can be lifted and transported eccentrically.





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Panel storage system

CSF Multilevel



Existing customer facility CSF Multilevel
with 2 manipulators (top, bottom) for simultaneous
loading of 4 CNC machines

Industrial handling solutions – individually crafted for our customers – are just as much a specialty of Barbaric as the standard machines. We are proud to offer highly-customized machines that fit the customer's needs perfectly. From the idea of the customer to constructive implementation, from production to assembly and finally the customer handover – you will be accompanied by an experienced team of technicians. The machines that we offer can be as complex as the customer wishes – we set no limit to your imagination.

The project starts with an idea

As one of the key points of a successful collaboration, we see the close partnership with the customer. During the concept and quotation phase, competent support is guaranteed by our sales and project team. Especially in this phase, the course is set for the future investment.

Later in the project, recurrent meetings and project arrangements are the key to success. Together, the project goals are defined and discussed again and again. We see communication as one of the most important skills of our team.

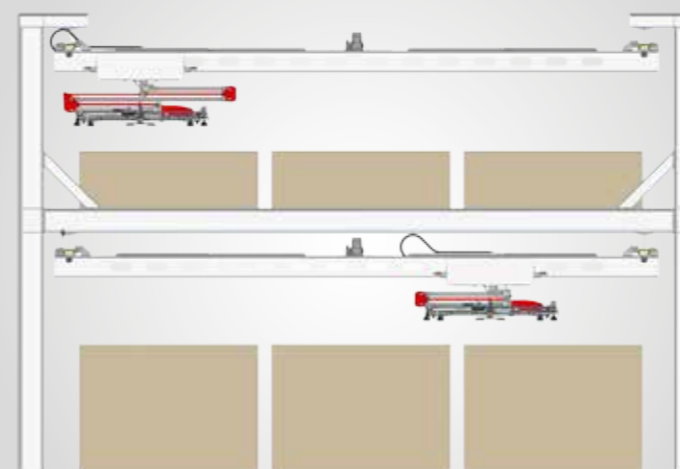
After the customer acceptance at our factory, the assembly team takes over the installation directly at the customer. Our installation technicians as well as trained staff of industry partners convince with a professional and hassle-free assembly. During the commissioning phase, control engineers from Barbaric impress with a quick start-up phase and subsequent plant optimization. The final step is the training of the operating and maintenance personnel and of course the successful handover to the customer.

Ideas
that move.

Our services at a glance

- > Initial planning and concept creation
- > Analysis of customer data
- > Simulation with mathematical calculation models
- > Modern 3D Construction
- > Design Reviews with the customer
- > Multiple project meetings
- > Assembly and startup
- > Acceptance and performance testing
- > Service and Maintenance concept

Second storage manipulator at lower level possible.



CSF Multilevel storage system with 2 manipulators.

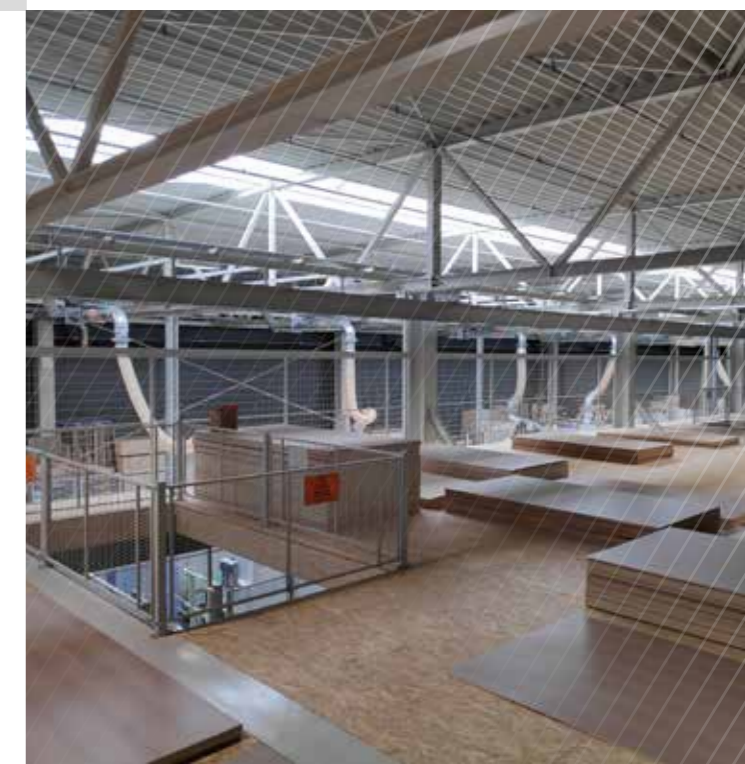
Software solutions

Especially in the field of industrial handling solutions we emphasize a high level of communication between production machines:

- > Highly customized handling software
- > Communication between multiple production machines
- > Multiple User control terminals
- > Control terminals in production as well as office
- > Special software for controlling production jobs, communicating with customer ERP solution, etc.
- > Backup solutions

Example of a customer project at a reputable RV producer

- > Planning and concept creation
- > Industrial CSF Multilevel Storage system with 2 manipulators
- > Storage foot print of 70 m x 10m
- > 1800 mm stacking height on ground level
- > 800 mm stacking height on upper level
- > Over 120 stacking positions (2500 x 1250 mm)
- > Three-shift-operation
- > Integration of conveyor technology
- > Label printing stations with dual-printer-heads for simultaneously labelling multiple label sizes
- > Integration of garbage conveyor system
- > Communication to the ERP system of the customer
- > Backup- and failure plans



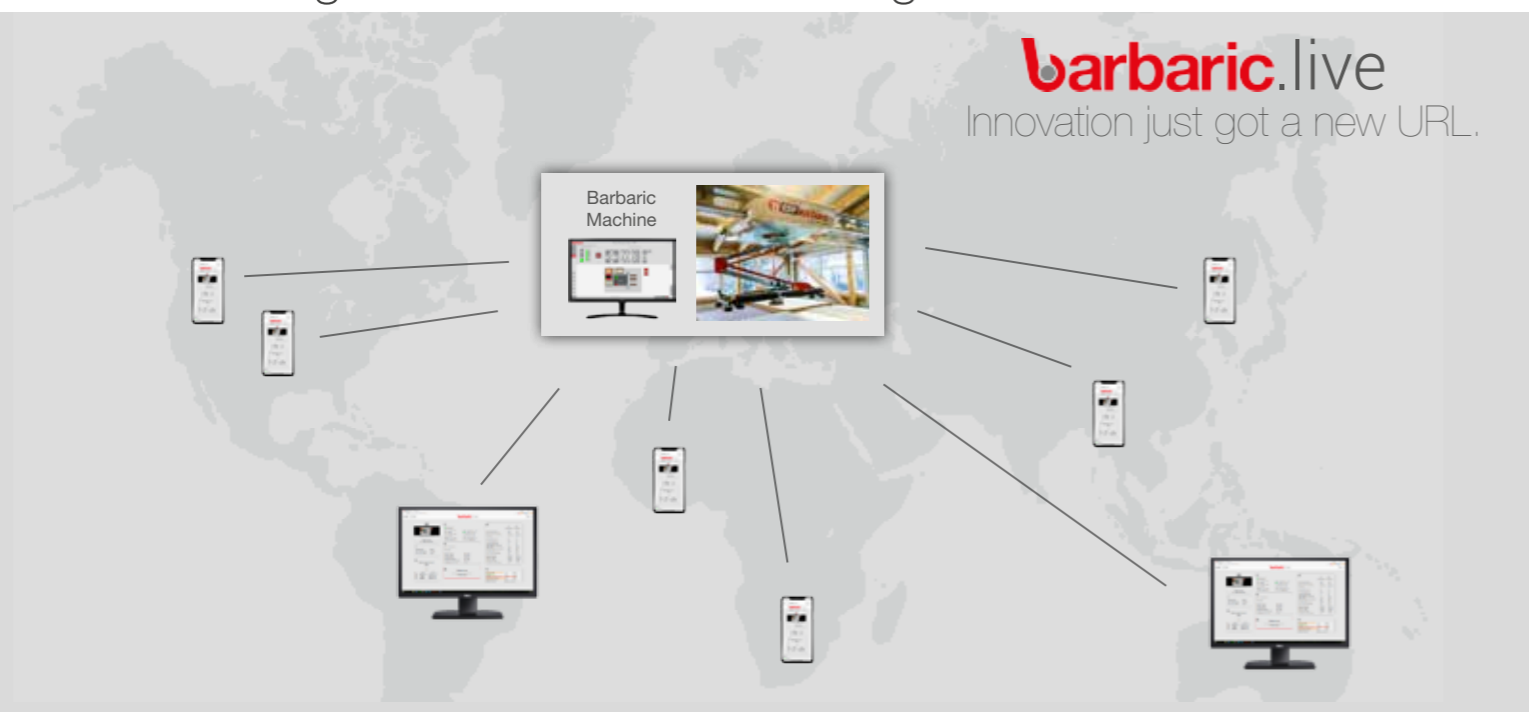
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barbaric Innovations

The greatest advancements at a glance.



barbaric.live

Access to your machine -
immediately and world-wide.

- > Real-time analysis of machine data
- > Detailed machine infos
- > Live-stream of the machine overview
- > Error reports and analysis
- > Maintenance and service info



barbaric Client 3.0

The current version not only introduces new and innovative features but also comes with a completely new design.

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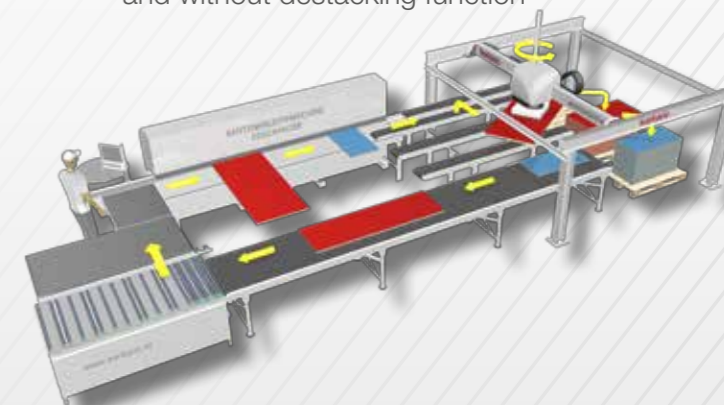
Panel and parts handling for production and industry

Barbaric offers optimal handling solutions -
not only in the field of plate handling.



Return systems RTS

Return systems for edge banding machines with
and without destacking function



Manual handling solutions

Vacuum lifters for manual handling manipulation of flat,
commercial wood panels, door panels or special
lifting devices for applications in the wood processing industry.

