



TAURUS
CRACO

barbaric



Panel handling

compact - fast - custom-made



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Panel storage system

■ CSF
Industrial

With the panel storage system CSF Industrial we can offer an individual solution for your special demands. There are no constraints on your wishes. Renowned industrial enterprises count on the stability and reliability of Barbaric systems.

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FEED



STORE

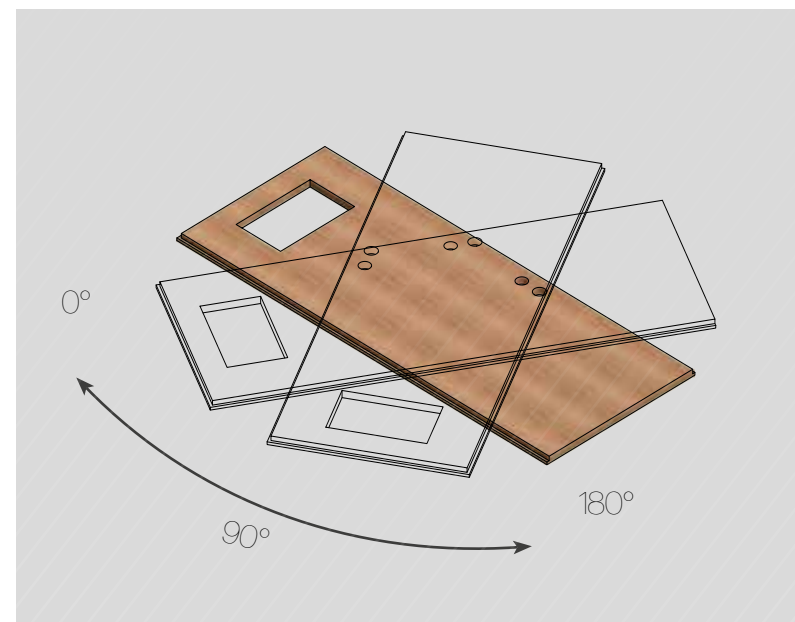


ADMINISTRATE



Manipulator

The equipment integrated within the manipulator provides a highly reliable system. Maintenancefree components throughout the system ensure high system availability.



Performance for
industrial producers

Our panel storage system CSF Industrial meets the high industrial demands for functionality and performance.

- > cycle times below 1 minute
- > movement speeds up to 150 m/min
- > crane bridge lengths up to 25 m
- > integration of chain conveyors or conveyor belts



Panel rotation
up to 180°

With the 180° rotation device, parts can be aligned on both sides. A special angle correction of +/- 5° guarantees straight and correct stacks. The XY-alignment functions ensure the alignment of parts on machine stops. This allows doors to match the orientation and the veneer or they can be outsourced to another machine for processing.

Ideas
that move.

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LOV Performance

CSF Professional

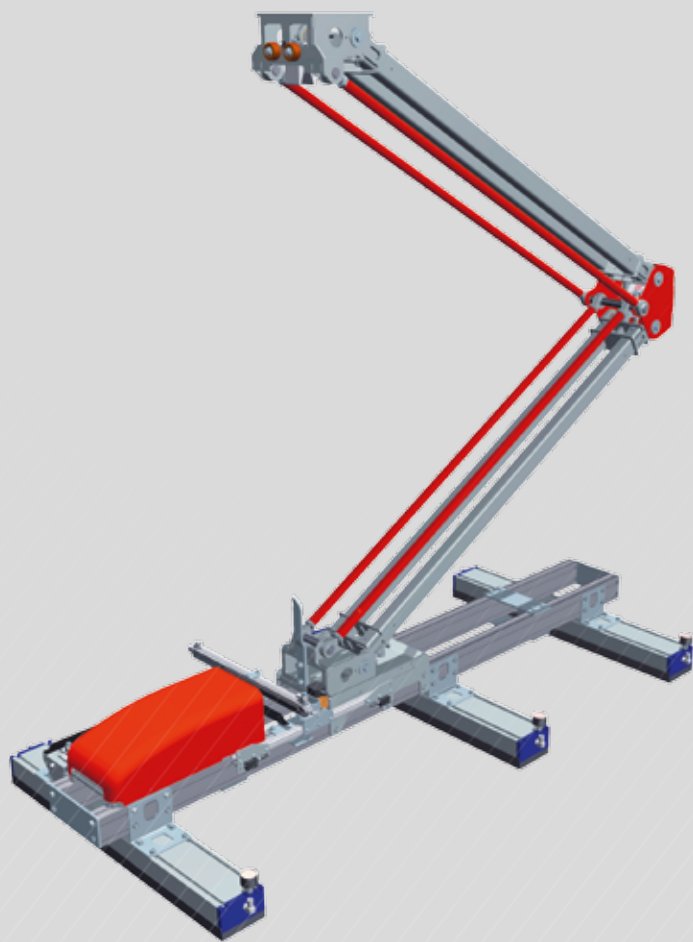
CSF Industrial

CSF Multilevel

PBX

TMP

Innovations



**TAURUS
CRACO**

Suction traverse - equipped with all the functions you need

Depending on the application, the suction traverse is adapted to specific customer requirements and materials. Optional load increase and increase of stroke are realized.

- > standard suction traverse
- > vacuum grippers
- > special suction traverse
- > separation unit
- > ionization nozzle for the plastic panels
- > handling for wooden boards



Safety system

Our safety facilities comply with all local standards. In conjunction with other machinery, special safety concepts are also realized in agreement with the customer.

- > centralized safety PLC with online access
- > possibility of integration of various machines



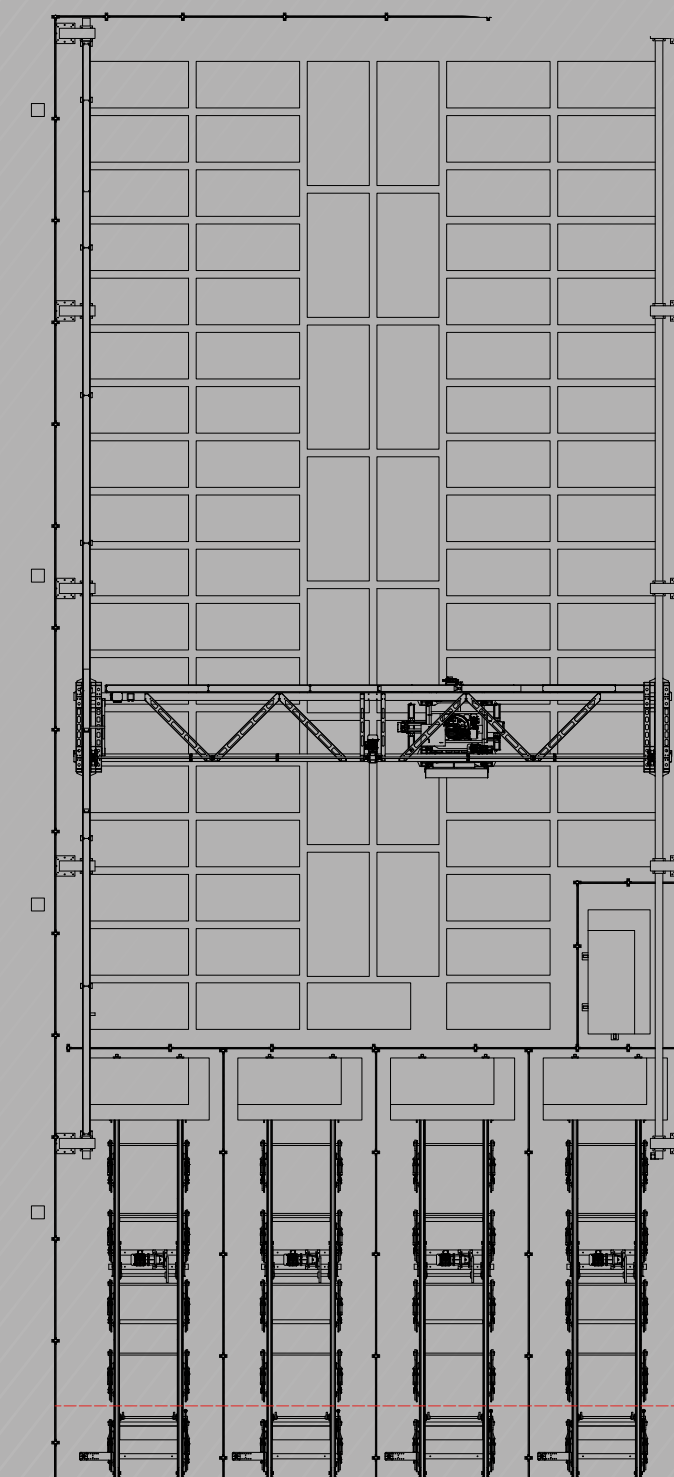
Software

Connection to customer databases and ERP systems are implemented in the house. Integration options of

- > various databases
- > ERP systems
- > RFID systems
- > CAM systems
- > optimization systems

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ideas
that move.



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Individual customer solution implemented
at Bayer Built Woodworks Inc., USA

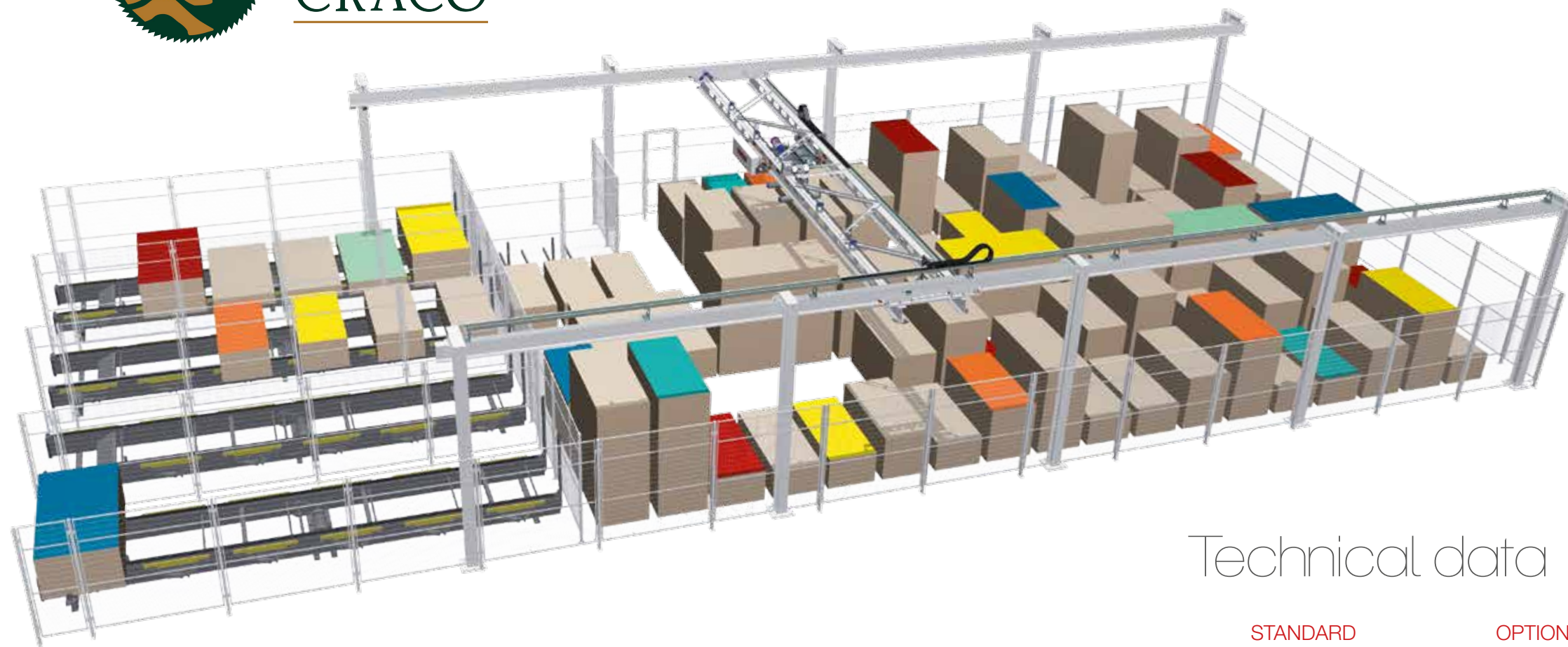
Panel storage system

CSF
Industrial



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Technical data

STANDARD

OPTIONAL

System size

| | | |
|----------------|------------|--|
| » Crane runway | up to 70 m | |
| » Crane bridge | up to 25 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 | others on request |
| » Panel weight | 200 kg | others on request |

Panel rest sizes (for re-integration)

| | | |
|----------|-----------------|----------------|
| » Length | 2000 – 4200 mm* | 1200 - 4200 mm |
| » Width | 600 – 2100 mm | |

Stacking

| | | |
|-------------------|---------|---------------|
| » Stack height | 1800 mm | up to 2500 mm |
| » Stack distances | 150 mm | up to 100 mm |

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

Functions and operation

- > all basic functionalities of the panel storage system CSF 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
- > special designs according to your requirements

Your benefits at a glance

- > extremely large storage areas possible (up to 25 m x 70 m)
- > optimized material flow
- > gentle manipulation, no damaging of the panels during transport
- > optimization of space
- > reduced personnel expenses
- > simplification and alleviation of production processes
- > high transportation services
- > highest machine availability
- > highest flexibility in production processes
- > significant increase in productivity

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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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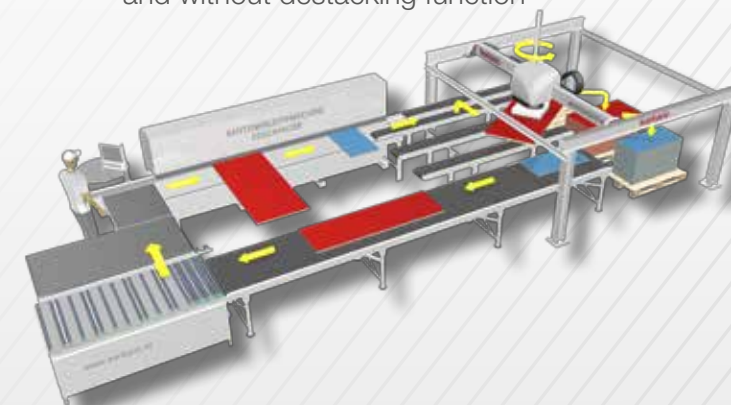
Panel and parts handling for production and industry

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.

