

Pressemitteilung

REORGANISATION OF KITCHEN WORKTOP PRODUCTION AT HÄCKER KITCHENS

Fast Commissioning Storage for Kitchen Worktops

For the redesign of their work top production line a new high bay rack system for semi-finished products was installed at Häcker in Rödinghausen. This handles semi-finished products of all possible patterns and dimensions for a quickest possible finishing and meets nowadays competition, as more and more often the customer decides whether to buy or not depending on the delivery time. The capacity of the high rack system and its direct connection to the work top production allows an almost isochronously production time of one piece to duplicate products. Systraplan, specialist for warehouse technique when it comes to flat materials, received an order to realize such requirements.

Häcker produces modern fitted kitchens that fulfil the highest claims in terms of quality, functionality, durability and design.

A kitchen is not just a kitchen. Perfect kitchen equipment is a matter of personal taste. With our versatile range of modern quality fitted kitchens, the most diverse wishes of discerning customers in terms of design and functionality can be fulfilled.

Häcker is the reliable partner of the specialist trade both today and in the future. Rapidity and flexibility are the maxims in the fields of process organisation, delivery deadlines and quality.

Shortening of delivery times

A commissioning storage system for kitchen worktops has now been taken into operation as a further component of this system.

A 18,5 m high rack serve carrier operates a 63 m long lane with 840 storage places where up to 13.400 kitchen worktops can be stored. Parcels as well as single boards are moved by this rack serve carrier, which was developed by Systraplan,

Direct Commissioning on the Rack Serve Carrier

Single boards are directly commissioned on the rack serve carrier. Therefore an additional area for commissioning goods is not necessary. Residual amounts just remain in stock. This saves time, space, energy and additional transport units to commissioned goods. Complete board packages are

taken over and coordinated into a depot by the rack serve carrier. The maximum stack weight can achieve 4 tons. Later telescopic suction arms pick up single boards from the stack in order to commission the orders.

Highest Efficiency with two Independent working Lifting Platforms

Consigning directly on the rack serve carrier with two separate working lifting platforms allows efficiencies which cannot be achieved with standard systems.

In combination with the latest technique the system aims for highest efficiency. Both platforms have individual lifting drives and load lifting members, which can extend to both sides of the aisle. Even the separate working lifting platforms yield to a 20 % increased output in comparison to conventional systems. Moving speeds of 200 m/min and telescopic speeds of up to 60 m/min guarantee highest performances when commissioning.

Despite Multiple Storage Single Boards can be Reached

The load lifting members are prepared and mounted for the handling of different board sizes.

Dimensions of length vary from 2.800 mm to 5.600 mm, of width 600 mm, 900 mm and 1.200 mm.

The erection of the shelf system allows a flexible using. Thus all board sizes can be stored in every shelf. The storage control automatically places the depots. The rack serve carrier stores the long goods up to a threefold depth in order to gain a most possible filling of

the storage or a complete occupation. Despite storing in threefold depth single boards can be commissioned without any problems from stacks positioned behind.

Damage-free Handling of Kitchen Work Tops

One of the most important advantages is the damage-free handling of the wooden material. The sensitive boards, part-wise wrapped in foil, are appropriately prepared for the resell in the shortest possible time, whilst the automatic working rack serve carrier is continuously working. The system can arrange a commission of 10 optionally chosen boards within five minutes.

Total Inventory Control

Systraplans' storage and control program can be operated under the Microsoft operating system Windows NT® / Windows 2000 / XP. The program code was generated with the 32-bit Delphi development kit. This guarantees that today's and tomorrows requirements will be met also in future in respect of system design, flexibility and links to standard systems and standard software.

State of the Art Graphical Screen Interface

The application has a state of the art graphical screen interface. The user screens are clear, application orientated and easy to use – either by keyboard or by mouse. All information are stored in a standard database.

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Automatic storage and commissioning system for flat materials with
two independent working lifting platforms

SYSTRAPLAN Gesellschaft für

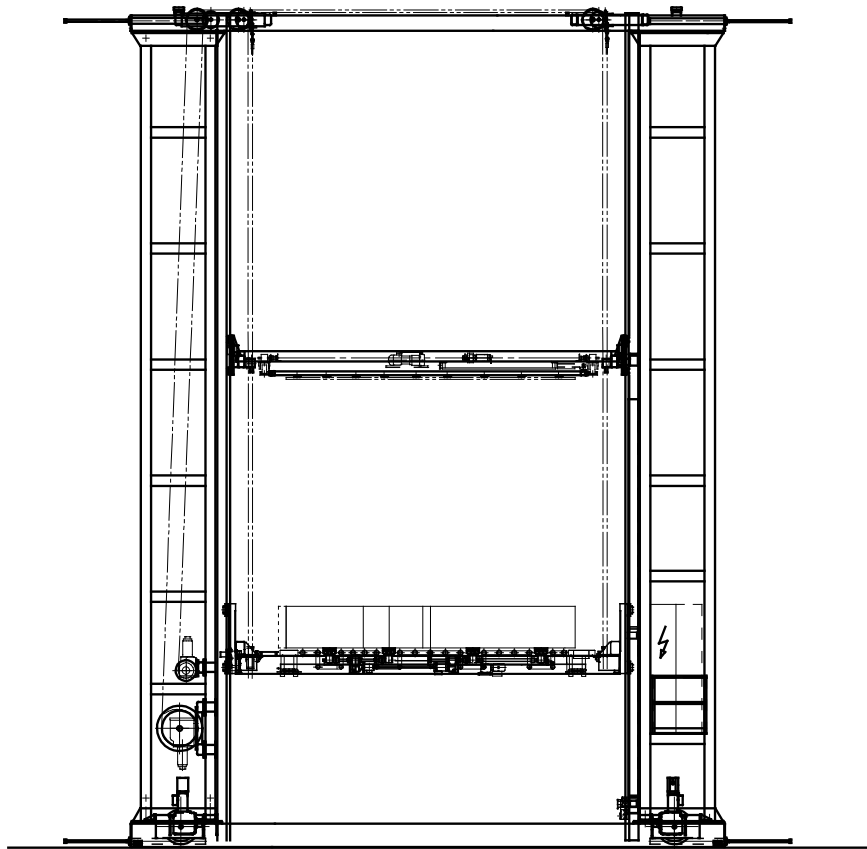
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Scheme of a rack serve carrier with two independent working lifting platforms, which yield to a 20 % increased output in comparison to conventional systems.

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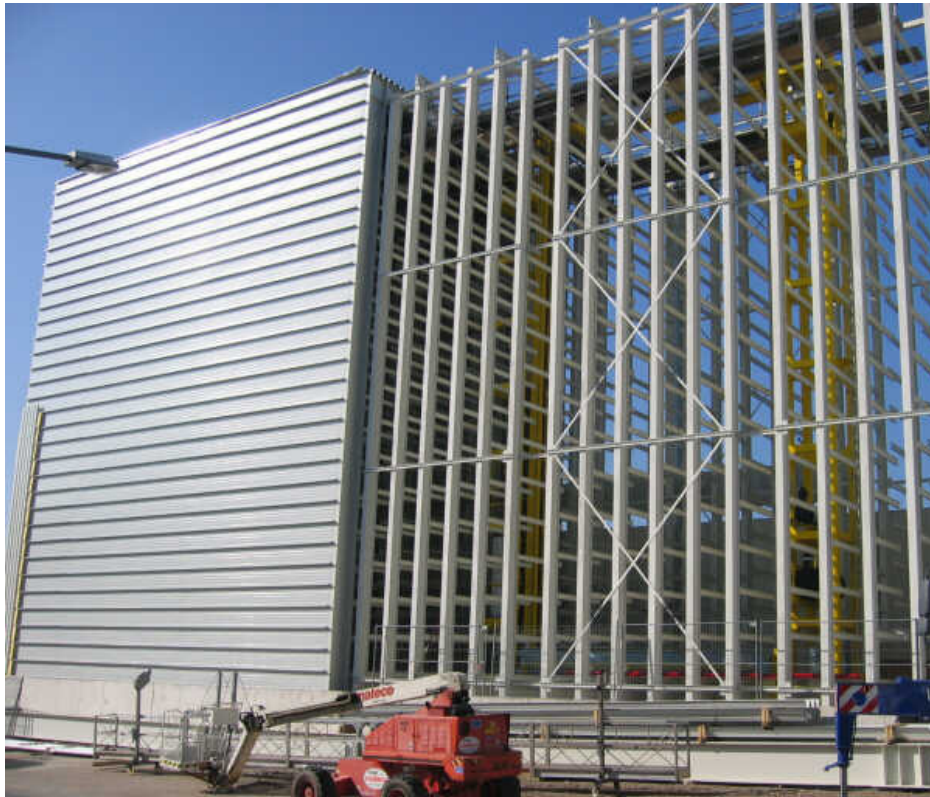
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