Pallet storage

Shuttle compact storage system

JUNGHEINRICH

Shuttle compact storage system
for greater efficiency.

Carrier, channel racking and carrier truck working in perfect harmony.

Shuttle compact storage systems combine maximum utilisation of space in the warehouse with high throughput. Drive-in warehouses typically require flexibility in terms of different numbers of items, for which the channel depth has been optimised during planning. The basis for this is a system with channel racking, shuttles that move independently within the channels and carrier trucks for storing and retrieving goods. Shuttle systems are unsurpassed in achieving high throughput in high-growth environments with a low to medium variety of items. Savings are also made in terms of time and travel routes: while the UPC shuttle is still storing, the truck is already moving to transport the next pallet to the channel opening. The shuttles, Jungheinrich Under Pallet Carriers, travel underneath the pallets they are carrying. They are able to carry pallets of all different sizes. Even when requirements increase, the UPC shuttle system allows you to remain flexible; you can expand with additional rack blocks or increase throughput with additional UPC shuttles. Typical applications include cold stores, production buffer warehouses, restocking warehouses for order picking and the entire haulage services industry.

JUNGHEINRICH
RACKING COMPETENCE

Racking expertise since 1958

Racking is the backbone of your warehouse. We develop tailored solutions for every industry and every demand in order to meet the utmost quality requirements and to grow along with your needs. As a system provider, we are your single point of contact from planning right through to after sales.

JUNGHEINRICH
RACKING INSPECTION

Certified quality. Guaranteed

Even when your racking solution is up and running, we continue to ensure quality and safety levels in the warehouse. At your request, one of our 120 certified inspectors will visit your site to perform the annual inspection stipulated by DIN EN 15635. If something is amiss, the original spare parts will be delivered right away.

All benefits at a glance

- Compact storage for optimum utilisation of space
- Very high throughput
- Different pallet types can be stored in the same racking system
- Careful load handling
- LiFo and FiFo methods can be implemented

Your shuttle compact storage system
for maximum customer benefits.

Flexibility

Racking as individual as your business.

The smart system comprising channel system, carrier truck and carrier allows for adaptation to a wide range of applications and your individual requirements in the warehouse. It can also be reconfigured as often as you wish. Scalable solutions are also possible through the use of additional shuttles.

Flexible warehouse strategy

- Suitable for both FiFo and LiFo principles.

Different applications

- Operation possible with wide-aisle and narrow-aisle trucks.
- Pallets of different dimensions can be transported.
- Optional: cold store modification available.

Efficiency

Everything you need for optimum material flow.

Compact storage and independent entry of the carrier into the channel saves on work aisles, ensuring optimum utilisation of the space in the warehouse and significantly boosting picking performance.

Maximum space utilisation

- Compact storage to hold more pallets with the same footprint.
- Optimum volume utilisation: fill level of up to 90%.
- Autonomous carriers = work aisles not required.

Cost savings

- No damage to racks and goods.
- Compact storage saves on costly usable space.
- Low initial investment (compared with other compact storage systems).

Safety

Best conditions for working safely.

Our preventive services and the appropriate racking accessories ensure that people, trucks and racks all stay safe – in every situation. So your processes can keep flowing and your capital goods remain protected.

Enhanced personal protection

- Wide range of standard safety equipment for the shuttle.
- Light barrier personal protection system (optional).
- Mobile personal protection systems.

High stock reliability

- Continuous stocktaking possible.

The German production facilities in Norderstedt, Moosburg and Landsberg are certified as well as our Genuine Parts Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.

CE

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