



Dynamic small parts storage
Vertical paternoster racking system

JUNGHEINRICH

The tailored solution for compact storage.

Ergonomic and efficient for greater performance.

Vertical paternoster racking systems function according to the circulation principle. Like a carousel, the items rotate towards the service opening, where they can be conveniently and safely removed by the operator. They can be tailored to your needs and enable high-density storage, be it in production or in the warehouse. The result is maximum storage space with a minimal footprint. Other benefits include high picking capacity and throughput speeds, with quick access to all items being possible. Vertical paternoster racking is useful wherever space or order-picking time is no longer sufficient with static storage. It can be connected to the Warehouse Management System through our Jungheinrich Logistics Interface at any time. It can be installed as free-standing carousel racking or connected to the structure of levels in the building, up to 10 metres in height and with multiple service openings. The latest safety technology and optimum ergonomics make vertical paternoster racking a reliable, user-friendly solution.



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.

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

- Rapid access to all stored goods thanks to high throughput speed
- Optimal use of space due to high-density warehouses and utilisation of room height
- Ergonomic design combined with extensive safety features
- The paternoster racking has an impressive service life due to its robust technology which has proven itself over many years
- Easy to connect to a variety of Warehouse Management Systems

Your Jungheinrich racking for maximum customer benefits.



Flexibility

Racking as individual as your business.

Our paternoster racking has a modular structure. Its versatile carrier concept can be optimally adjusted to suit your needs and can accommodate a wide range of storage and transport containers.

Adaptability

- Customised carrier equipment is available, including intermediate shelves, drawers or dividers.
- The robust construction enables the paternoster racking to be moved inside the hall using rollers.
- Stand-alone or system operation.
- Retrofitting and conversion packs available for change of use.



Efficiency

Everything you need for optimum material flow.

Unlike conventional modular racking systems, paternoster racking enables high-density storage in a small space. The goods come to the operator, thus saving on highly time-consuming and energy-consuming routes. The space gained can be used for another purpose.

Small space requirement

- Reduction of the space requirement by using the room height.

Easy integration

- Easy to integrate into existing warehouse processes.
- Direct connection to Warehouse Management Systems (WMS), e.g. Jungheinrich WMS.
- Integration via award-winning interface software Jungheinrich Logistics Interface.

Pick-by-light system (optional)

- TIC matrix at the lower end of the service opening supports the quick and precise retrieval of goods.

High throughput

- Fast throughput speed guarantees high picking performance.



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.

High safety standards

- Certified security.
- Permanent access to goods using the emergency manual crank in the event of a power failure.
- Option to define access rights.
- Optimum protection for personnel and goods with light curtain.

Long-term investment security

- Longevity.
- Retrofitting and conversion packs available for change of use.

The right solution for your applications:

title	PRK 180	PRK 350	PRK 650
Equipment height min/max	2210 - 7510 mm	2360 - 10010 mm	2360 - 10010 mm
Equipment width min/max	3075 - 3875 mm	3075 - 3875 mm	3175 - 3975 mm
Device depth min/max	1251 - 1631 mm	1271 - 1671 mm	1311 - 1711 mm
Load (max.)	6 t	12.5 t	19 t
Clear beam width min/max	2450 / 3250 mm	2450 / 3250 mm	2450 / 3250 mm
Clear beam depth min/max	428 / 628 mm	428 / 628 mm	428 / 628 mm
Clearance height carrier min/max	212 / 364 mm	217 / 483 mm	247 / 450 mm
Beam loading (max.)	180 kg	350 kg	650 kg
Interfloor loading (max.)	100 kg	150 kg	150 kg
Speed (max.)	0.125 m/s	0.125 m/s	0.125 m/s

The German production facilities in Norderstedt, Moosburg and Landsberg are certified as well as our Genuine Parts Center in Kaltenkirchen. ISO 9001 ISO 14001

