Digital Solutions

The warehouse control system for efficient material flow.

JUNGHEINRICH

for improved performance.

Optimised management of fully automated warehouse systems.

As one of the most advanced warehouse control systems, the Jungheinrich WCS offers a variety of highly optimised intelligent algorithms and functions for complex automated systems that control and optimise the material flow to maximise warehouse efficiency and sustainably increase delivery readiness.

The Jungheinrich WCS is responsible for areas such as transport management, storage location selection or LD management and is supplemented by the Jungheinrich WMS, which takes care of stock management as well as the control, monitoring and optimisation of all intralogistics processes.

The Jungheinrich WCS ensures that the desired goods reach the optimum position in the correct quantity via internal conveyor components (conveyor belts, stacker cranes, AGVs, etc.).

All benefits at a glance

- Decades of experience in intralogistics and software development.
- One of the best warehouse control systems on the market.
- Highly optimised algorithms for material flow control.
- Guarantee of smooth processes between all components of an automated warehouse.
- Professional planning, implementation and support.
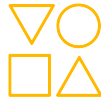
Jungheinrich WCS

Warehouse optimisation with intelligent strategies

Coordinate the processes in your warehouse with the help of the intelligent control provided by the Jungheinrich WCS.

The Jungheinrich WCS adapts to your individual warehouse environment.

Intelligent control and monitoring of your systems will enable you to avoid disruptions in the management of your warehouse.

Minimise costs and reduce the time required for processes within your warehouse.

Intelligent algorithms control your intralogistics processes as efficiently as possible and are flexibly adapted to your requirements.

Thanks to maximum transparency regarding your warehouse components and processes, you can identify critical situations at an early stage.

- Intelligent control and advanced drive technology.
- Precise management of transport data (e.g. source and target location as well as loading device number) by higher-level WCS.
- Cost-efficient transport management.
- Prevention of unnecessary movements and empty runs.
- Planning of balanced utilisation.

- Development of an individual overall strategy.
- Determination of the optimal storage location with the help of suitable algorithms for the storage location search, taking into account item and ABC criteria.
- Avoidance of congestion in front of racking aisles due to intelligent transport management.

- Monitoring of the system status.
- Support in the execution of administrative tasks.
- Visualisation of process-critical information in the control panel.
- Support for rectifying faults in your systems.