

INDUSTRIAL TRUCKS, RACKING AND LOGISTIC SYSTEMS.

Complete solutions for your intralogistic needs.

ISO 9001 The German production facilities
ISO 14001 in Norderstedt, Moosburg
and Landsberg are certified.

CE Jungheinrich trucks
conform to the European
Safety Requirements.

Jungheinrich AG

Friedrich-Ebert-Damm 129
22047 Hamburg
Germany
Telephone +49 40 6948-0
Telefax +49 40 6948-1777

info@jungheinrich.com
www.jungheinrich.com

 **JUNGHEINRICH**

 **JUNGHEINRICH**

Industrial trucks for stacking, transporting, storing, order picking and automation.



We make logistics a crucial factor in your success – cost-effective, reliable and tailored to your needs.

We offer the right pallet truck, forklift truck, order picker or tow tractor for every application.

Irrespective of the lift height, surface or transport distance – with more than 600 truck models there is bound to be a solution for your application among them. Our product range features manual, semi-automatic and fully automatic machines for your every need.

Requirements are as diverse as the industries and sectors. If our series products do not adequately meet your particular transport requirements, a special build solution may be the answer.

But first you should have a look at our standard trucks (overview on the right) to see if we have what you need. For example, if you need to transport goods over short distances without having to stack them on a rack, you will find the AM hand pallet truck and EJE C electric pedestrian pallet truck under the headings „Transporting“ and „Short distance“.

Our table provides an initial overview of our truck range. Of course we will be available with help and advice for all your detailed questions.

Through-put	from the floor	EFG electric 3-wheel counterbalance truck with front or rear wheel drive	EFG electric 4-wheel counterbalance truck	DFG/TFG Diesel and LPG counterbalance truck	ETV C reach truck for inside and outside use			
	over ramp	AM hand pallet truck	EJE electric pedestrian forklift truck	ERE electric pedestrian fork lift truck with operator stand-on platform	ESE electric stand-on/seat forklift truck	EJD electric pedestrian pallet truck/stacker	ERD electric pedestrian pallet truck/stacker with stand-on platform	ESD electric stand-on and sideways seated stacker for double-deck loading
Transporting	short distance	AM hand pallet truck	EMD electric pedestrian pallet truck/stacker	EJE C electric pedestrian fork lift truck with mast lift				
	medium distance	EJE electric pedestrian pallet truck	EJD electric pedestrian pallet truck/stacker	ETV Q multi-way reach truck for long loads				
	long distance	ERE electric pedestrian pallet truck with stand-on platform	ESE electric stand-on/seat and electric sideways seat forklift truck	ERD electric pedestrian pallet truck/stacker with stand-on platform	ESD electric stand-on and sideways seated stacker for double-deck loading	EZW platform truck		
Storage/stacking	lift height to 6,200 mm	HC electric hand stacker	EMC electric pedestrian stacker	EJC electric pedestrian stacker	ERC electric pedestrian stacker with stand-on platform	ESC electric sideways seat stacker		
	lift height to 7,000 mm	EFG electric 3-wheel counterbalance truck with front/rear wheel drive	EFG electric 4-wheel counterbalance truck	DFG/TFG Diesel and LPG counterbalance truck	EFX tri-lateral stacker			
	lift height to 18,000 mm	ETM/ETV reach truck	ETR pantograph reach truck	ETV Q multi-way reach truck for long loads	EKX order picker/tri-lateral stacker with rising operator cab	FTX tri-lateral stacker		
Order picking	picking height to 2nd level	EJE C electric pedestrian forklift truck with mast lift	ECE horizontal order picker	ECD horizontal order picker	ECR horizontal order picker		towing capacity to 1,000 kg	EZS 010 tow tractor
	picking height to 14,345 mm	EKS vertical order picker with rising operator cab					towing capacity to 3,000 kg	EZS 130 tow tractor
	picking height to 16,530 mm	EKX order picker/tri-lateral stacker with rising operator cab					towing capacity to 4,000 kg	EZS C40 tow tractor
Automation	picking height to 6,000 mm	EKS 215a Automated Guided Vehicle	ERC 213a/217a Automated Guided Vehicle	ERE 225a Automated Guided Vehicle			towing capacity to 5,000 kg	EZS 350 tow tractor
	picking height to 13,000 mm	ETXa Automated Guided Vehicle	EKXa Automated Guided Vehicle				towing capacity to 10,000 kg	EZS 570–5100 tow tractor
	towing capacity to 5,000 kg	EZS 350a Automated Guided Vehicle					towing capacity to 28,000 kg	EZS 7280 tow tractor

Any height, any load: we have the right selection.

Over 600 truck variants.
Rental and financing solutions · 5-star refurbished trucks
Service with competence.
For maximum availability of your trucks.

Pallet trucks



AM 22/30
Hand pallet truck
max. capacity: 3,000 kg



EJE M13/M15
Electric pedestrian pallet truck
max. capacity: 1,500 kg



EJE 112i/114i
Electric pedestrian pallet truck with lithium-ion battery
max. capacity: 1,400 kg



EJE 114-120
Electric pedestrian pallet truck
max. capacity: 2,000 kg



EJE C20
Electric pedestrian pallet truck
max. capacity: 2,000 kg



EJE 222-235
Electric pedestrian pallet truck
max. capacity: 3,500 kg



ERE 120-230
Electric pedestrian pallet truck with operator stand-on platform
max. capacity: 3,000 kg



ESE 120
Electric stand-in/sit-on pallet truck
max. capacity: 2,000 kg



ESE 220-533
Electric sit-on pallet truck
max. capacity: 3,300 kg

Pallet stackers



EJC M10 E/M10b E
Electric pedestrian stacker
max. lift height: 1,900 mm
max. capacity: 1,000 kg



EJC M10 ZT/M13 ZT
Electric pedestrian stacker
max. lift height: 3,300 mm
max. capacity: 1,300 kg



EMC 110/B10
Electric pedestrian stacker
max. lift height: 1,540 mm
max. capacity: 1,000 kg



EJC 110/112
Electric pedestrian stacker
max. lift height: 4,700 mm
max. capacity: 1,200 kg



EJC 212-230*
Electric pedestrian stacker
max. lift height: 6,000 mm
max. capacity: 3,000 kg



EMD 115i/118
Electric pedestrian stacker for double deck loading
max. lift height: 1,520 mm
max. capacity: 1,800 kg



EJD 120/222
Electric pedestrian stacker for double deck loading
max. lift height: 2,905 mm
max. capacity: 2,200 kg



EJG 106-216
Electric pedestrian stacker
max. lift height: 5,350 mm
max. capacity: 1,600 kg



ERD 120/220
Electric pedestrian stacker with operator platform for double deck loading
max. lift height: 2,905 mm
max. capacity: 2,000 kg



ERC 212-220*
Electric pedestrian stacker with operator stand-on platform
max. lift height: 6,000 mm
max. capacity: 2,000 kg



ERC 214i/216i*
Electric pedestrian stacker with fixed platform
max. lift height: 6,000 mm
max. capacity: 1,600 kg

Order pickers



ESD 120/220
Electric stand-on and sideways seated stacker
max. lift height: 1,960 mm
max. capacity: 2,000 kg



ESC 214-316
Electric sideways seat stacker
max. lift height: 6,200 mm
max. capacity: 1,600 kg



ECE 220/225
Low level order picker
max. capacity: 2,500 kg
optional with easyPILOT remote operation



ECE 310/320
Low level order picker
max. capacity: 2,000 kg
optional with easyPILOT remote operation



ECD 320
Low level order picker
max. capacity: 2,000 kg



ECR 327/336
Low level order picker
max. capacity: 3,600 kg



EKM 202
Small parts order picker
max. picking height: 5,324 mm
max. capacity: 215 kg



EKS 110
Vertical order picker
max. picking height: 4,600 mm
max. capacity: 1,000 kg



EKS 210-412**
Vertical order picker
max. picking height: 10,845 mm
max. capacity: 1,200 kg



EKS 310s/412s**
Vertical order picker
max. picking height: 14,345 mm
max. capacity: 1,200 kg

Reach trucks



ETV 110/112
Reach truck
max. lift height: 7,100 mm
max. capacity: 1,200 kg



ETM/ETV 214/216
Reach truck
max. lift height: 10,700 mm
max. capacity: 1,600 kg



ETV 318-325/ETM 325
Reach truck
max. lift height: 13,000 mm
max. capacity: 2,500 kg



ETV C16/C20
Reach truck
max. lift height: 7,400 mm
max. capacity: 2,000 kg



ETV Q20/Q25
Multi-way reach truck
max. lift height: 10,700 mm
max. capacity: 2,500 kg



ETV 216i
Reach truck
max. lift height: 10,700 mm
max. capacity: 1,600 kg



ETR 230-345d
Pantograph reach truck
max. lift height: 11,354 mm
max. capacity: 2,000 kg

Batteries and chargers



THE RIGHT BATTERY FOR EACH FORKLIFT TRUCK
Depending on whether you operate single or multi-shifts, the difficulty of the application and the required maintenance intensity, there is the perfect battery for you.



CONTROLLED CHARGE FOR EVERYTHING
For lead-acid or lithium-ion batteries. Whether as a stationary or an on-board charger. We have the optimal solution for your requirements.

Electric counterbalance forklift trucks



EFG 110-115
Electric 3-wheel counterbalance truck with rear wheel drive
max. lift height: 6,500 mm
max. capacity: 1,500 kg



EFG 213-220
Electric 3-wheel counterbalance truck with front wheel drive
max. lift height: 7,000 mm
max. capacity: 2,000 kg



EFG 316-320
Electric 4-wheel counterbalance truck
max. lift height: 7,000 mm
max. capacity: 2,000 kg



EFG 425-S30
Electric 4-wheel counterbalance truck
max. lift height: 7,500 mm
max. capacity: 3,000 kg



EFG 535k-S50
Electric 4-wheel counterbalance truck
max. lift height: 7,500 mm
max. capacity: 5,000 kg

Diesel/LPG forklift trucks



DFG/TFG 316s-320s
Diesel/LPG forklift truck hydrostatic
max. lift height: 7,500 mm
max. capacity: 2,000 kg



DFG/TFG 425s-435s
Diesel/LPG forklift truck hydrostatic
max. lift height: 7,500 mm
max. capacity: 3,500 kg



DFG/TFG 316-320
Diesel/LPG forklift truck hydrodynamic
max. lift height: 7,500 mm
max. capacity: 2,000 kg



DFG/TFG 425-435
Diesel/LPG forklift truck hydrodynamic
max. lift height: 7,500 mm
max. capacity: 3,500 kg

Tow tractors and trailers



EZS 010
Tow tractor
max. tractive power: 1,000 kg



EZS 130
Tow tractor
max. tractive power: 3,000 kg



EZS C40
Tow tractor
max. tractive power: 4,000 kg



EZS 350
Tow tractor
max. tractive power: 5,000 kg



EZS 570-5100
Tow tractor
max. tractive power: 10,000 kg



EZS 7280
Electric tow tractor
max. tractive power: 28,000 kg



EZW 515
Platform truck
max. capacity: 1,500 kg



GTE 106-312
E-frame trailer
max. capacity: 1,200 kg



UPC
Under Pallet Carrier
max. capacity: 1,500 kg

High-rack stackers



EFX 410-413**
Tri-lateral stacker
max. lift height: 7,000 mm
max. capacity: 1,250 kg



ETX 513-515**
Tri-lateral stacker
max. lift height: 13,000 mm
max. capacity: 1,500 kg



EKX 410-516k**
Order picker/tri-lateral stacker
max. lift height: 18,000 mm
max. capacity: 1,600 kg



EKS 215a
Automated Guided Vehicle
max. lift height: 6,000 mm
max. capacity: 1,500 kg



ERC 213a/217a
Automated Guided Vehicle
max. lift height: 3,500 mm
max. capacity: 1,700 kg



ERE 225a
Automated Guided Vehicle
max. lift height: 122 mm
max. capacity: 2,500 kg



EZS 350a
Automated Guided Vehicle
max. tractive power: 5,000 kg



EKX 514a-516a
Automated Guided Vehicle
max. lift height: 13,000 mm
max. capacity: 1,600 kg



ETX 513a/515a
Automated Guided Vehicle
max. lift height: 13,000 mm
max. capacity: 1,500 kg



STC 2B1A
Miniload
high class: up to 15,000 mm
capacity: 2 x 50 kg

* Optional with additional lift or wide track version
** Optional with warehouseNAVIGATION

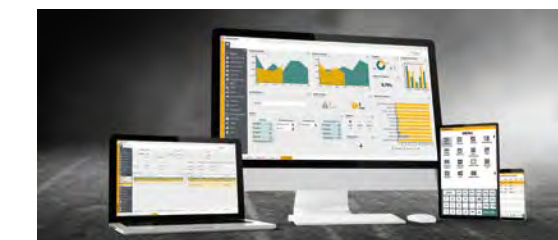
In addition, we also offer a cold store version of our trucks made of stainless steel with hot galvanisation and explosion-proof forklift trucks with a service to 100% customise a truck to your exact specification.

Not every truck and service is available in every market.

5 YEARS
GUARANTEE
ON LI-ION BATTERIES



Digital products



**WAREHOUSE MANAGEMENT SYSTEM
JUNGHEINRICH WMS/WMS SERIES 2**

- Intelligent management, control and optimisation of your warehouse
- Optimum solution for all warehouse sizes and complexities
- Excellent warehouse technology integration
- Unique ease of use and future security



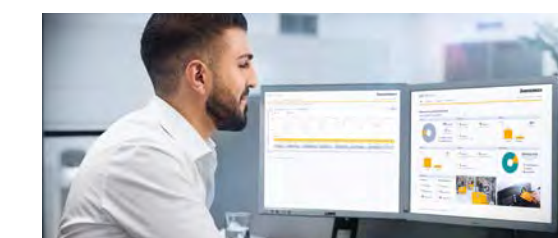
JUNGHEINRICH LOGISTICS INTERFACE

- The first IoT connector for the warehouse
- Easy communication between trucks, warehouse equipment and software
- Numerous solutions for warehouse digitisation and automation



DATA RADIO SOLUTIONS

- Truck and handheld terminals
- WLAN infrastructure
- Barcode scanner, RFID
- Wireless illumination, simulation, analysis



FLEET MANAGEMENT

- Analytical collection, observation and evaluation of fleet data
- Web-based and intuitive to use
- Worldwide access to all data

JUNGHEINRICH



System provider with experience.

Intelligent intralogistics is the best possible interaction of man, machine, software and individual storage environment. We optimise the flow of goods for you – for highly efficient warehousing processes.



Planning & configuration. Customised logistics process.

Together with you we plan and project your new logistics solution. With our experience from many industries and for different company sizes, we also put in place for you the solution tailored to your needs.

- ▶ Questioning old structures and creative thinking.
- ▶ Individual solution identification with optimal degree of automation.
- ▶ International experience in a wide range of industries.

Implementation & system integration. A one-stop shop.

As a general contractor, we ensure that every step in the process is carried out with pinpoint accuracy and ensure that all components interact perfectly. Maintaining everything from a single source means optimal process reliability for you – during the project and when operating your system.

- ▶ Reliable, transparent project management.
- ▶ One contact partner for all functions.
- ▶ Everything from a single source, ensuring all components work perfectly together.



Service & support. By your side for the long term.

With a service network that is unique in the industry, we are always at your side even after the project has been completed. Our service technicians carry out maintenance, inspections, safety inspections and repairs. And our support hotline is available around the clock if you wish – to minimise downtime and ensure optimal system availability.

- ▶ Worldwide, reliable and cost-transparent service.
- ▶ A competent partner by your side around the clock.
- ▶ Highly qualified service technicians for all requirements.

Efficiency in motion.

Automation from analysis to satisfaction.



Racking and warehouse equipment.

A pillar of strength in your warehouse.

Pallet storage



Multi-bay racking



Compact storage shuttle system

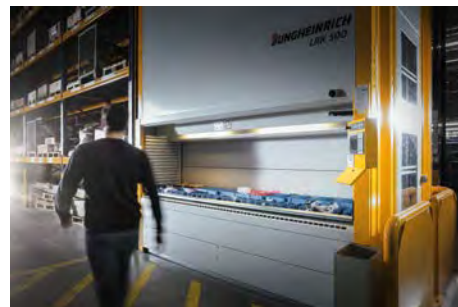


Mobile racking

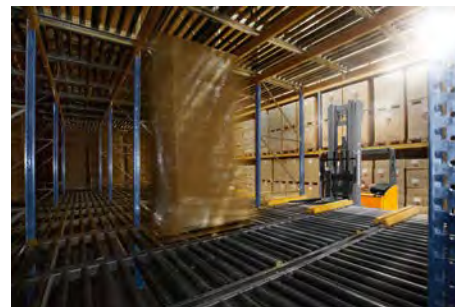
Small parts storage



Modular racking system



Lift system/Jungheinrich PRK



Drive-through racking

Long good storage and platforms



Steel construction platform



Cantilever racking



A well-designed racking is the backbone of your warehouse. Once built, it must not only carry loads but also accommodate changes. Future-proof planning is therefore essential. At Jungheinrich, we have been focusing on in-house developments, individual solutions and the highest quality for 60 years.

A future-proof racking system is built on partnership.

Designing a warehouse is not an everyday project. That is why it is crucial to assign extremely forward-looking people, keen on doing some basic work. Similar to the developers of our first racking "Hubertus", which to this day does an excellent job in some warehouses. The Jungheinrich experts of the present are no different: From the first idea to the execution, they are by your side, analysing your processes and subsequently developing a statically and economically viable racking concept. Your concept, which does not exist in the world a second time. During the implementation phase, they are on location and supervise the precise execution of the quality specifications.

Our responsibility for certified quality.

Even after finishing your racking solution, we ensure the continuous quality and safety in your warehouse. On request, one of our 120 certified inspectors will carry out the annual inspection according to DIN EN 15635. If something is amiss, you can order the original spare parts directly with him – thus, saving valuable time.

Individual solutions in stock for any industry.

The world of intralogistics becomes more complex. Industry-specific solutions are our answer. With us you will not only find a wide product range for every requirement. You also meet with industry experts who have in-depth know-how in their market and develop tailor-made concepts from a single source. In this way, you increase efficiency and productivity and are always ahead of the competition.