



ETX 513/515 sideways-seated / tri-lateral truck.
1,250/1,500 kg capacity.



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ETX 513 with telescopic forks (optional)

- 1,250 kg capacity
- 10,000 mm lift height



ETX 515 with swiveling forks

- 1,500 kg capacity
- 13,000 mm lift height

Assisting your planning.

The “man down – load up” concept

Specifically designed for use in the medium and high rack sector, the ETX 515/513 based on a modular platform strategy offers the right concept: sideways seated arrangement with front

positioned mast. Optionally available with telescopic forks or swiveling conventional forks for picking up loads directly off the ground.



Cold store: high performance at low temperatures

The cold store specification offers seat and cabin heating as well as heated windows for comfortable operation at temperatures well below zero. The use of special materials suitable for cold stores and heated temperature-sensitive truck components ensures maximum reliability.

Automatic: the ideal truck for 24 hour use

Increased productivity, throughput and storage utilisation are becoming increasingly important factors in warehouse efficiency. Here too, Jungheinrich offers a tailored, economic solution: fully-automatic high rack stackers for stacking and retrieving full pallets.



RFID transponders know every cm² of your warehouse.

Optimising the operation.

The floor quality determines the performance

Even the best lift truck will not be able to apply its full capacity on poor floors. Even a few sub standard areas will cause a reduction in performance throughout the entire warehouse. Here too the ETX with RFID technology (optional) offers the best solution for maximising per-

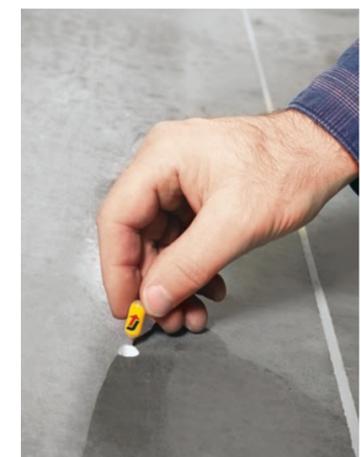
formance levels: it is programmed to know where there are uneven sections of the floor and reduces speed where required. If several trucks are being used in the same area, these sections can be communicated to all the trucks in the warehouse via a USB interface.

Your advantage:

Optimum speed settings based on the floor conditions. For as performance as high as possible with all the safety built in.

The advantages of RFID ground control:

- Optimised speed setting
- Cost savings through easy installation
- Permanent exchange of information between ground and truck
- Secure, programmed control and safety functions (e.g. aisle recognition, aisle cutout, height cutout)
- High level of flexibility for any changes to warehouse structure
- Throughput optimisation through warehouse navigation





A glance at the display is all it takes

The display shows an easy communications interface between man and machine. It informs the driver continually of all the key operational data: service hours, battery status, wheel position, speed mode, lift heights – everything can be checked at a glance.



Personal protection system (optional)

To complete its all-round intralogistics solution, Jungheinrich also offers its integrated personal protection system (PPS). The PPS can be included in the design from a consultancy, development, installation and maintenance perspective right from the start. Everything from a single source – as Jungheinrich customers have been appreciating for over 50 years.





A stacking and retrieval environment to please the driver.

From A to B in the shortest time in the shortest distance

That's the advantage of a car with a navigation system. With the ETX you can now experience these advantages. It achieves this through RFID technology: via transponders in the ground the ETX continually feeds back its location. Orders from the higher level management system are now transmitted directly to

the truck control system. This means the ETX knows the exact position to approach. The driver simply has to give the travel/lift command and the truck approaches the pallet position automatically. In the shortest time. And the shortest distance. With as much energy as required and as little as possible.

The advantages:

- Precision travelling saves time and money. Productivity and picking performance rise by up to 25%.
- Quality improvements. Driving to wrong locations is a thing of the past, the ETX approaches the pallet location designated by the system with 100% reliability.
- The driver can relax.
- There is no need for constant repositioning. It is impossible to take the wrong route.



Benefits to please the whole company.

Pallet trucks, forklift trucks, order pickers and tow tractors in more than 600 truck variants. Added to this is a multitude of additional services. This makes Jungheinrich into an internal logistics services provider who will pave your way towards a complete logistics solution.

Direct Customer Service network
Our own service engineers are available countrywide in various locations. Every one of them is a Jungheinrich professional: mechanic, electrician, electronics and hydraulics specialist combined in one person. And he will usually be with you within four hours.

For the right truck the right racking
Jungheinrich provides you with the complete solution: comprehensive warehouse planning that sees truck and racking as a system working "hand in hand". From projecting via CAD planning to handing over the key. From shelving via system-built platforms right up to high bay racking. From consultation via assembly to Service. Everything from one supplier. Everything from Jungheinrich, your "architect" for complete internal logistics.

Financial Services and Rental Service
Jungheinrich provides you with a number of tailor-made solutions that optimally adapt to your general economic, tax and balance sheet conditions – even if these change during the course of time. So that you always react flexibly. Your specialist adviser will be pleased to calculate which solution would be the most optimal for your application.

