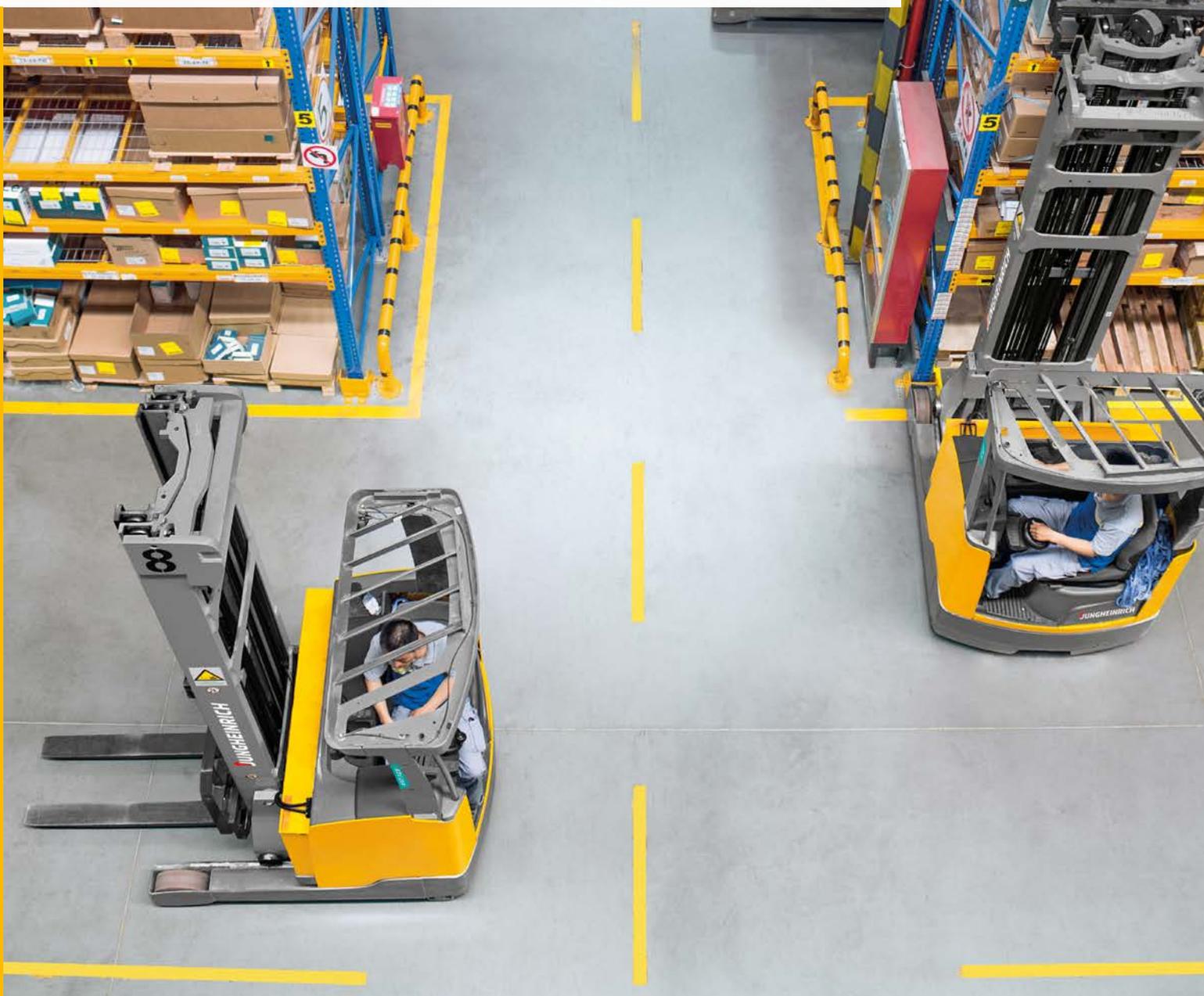




Moving mast and pantograph reach trucks

Complete range

JUNGHEINRICH
Machines. Ideas. Solutions.





Benefit from our experience and wide truck range.
We offer you the perfect solution for every task.

60 years of experience

For 60 years, our reach trucks have been stacking and transporting reliably and productively in the warehouses of the world. Today, one in three reach trucks in use carries the Jungheinrich brand. The reason for this is simple – because they run and run... hence proving extremely profitable.

Principle of reach mast technology

After the load is picked up with the forks on the moving mast, the mast with the load is retracted between the support arms. The truck shortens itself and pulls the load into the contours of the vehicle for secure transportation, thereby requiring narrower aisle widths between the racking. And the narrower the aisles, the more space there is for racking over the same floor area.

The principle of the reach fork system

The forks in a pantograph reach truck are pushed forward and pulled back by a pantograph mechanism. This makes it possible to handle loads either single or double deep.

Options packages

We offer you a number of different options packages and features which guarantee 100 percent adaptation of your reach truck to your individual requirements. This will optimise the energy efficiency of your reach truck operations and maximise your throughput.



Lithium-ion batteries for more flexibility

Complicated and tedious battery changing is now a thing of the past. Today and tomorrow, our Li-ion batteries now give you the opportunity for short-term fast and boost charging. The significantly greater efficiency also allows for a long service life.

Productivity-enhancing ergonomics

The lowest entry height ensures easy entry, making the operator's first contact with our reach trucks a pleasant experience. The generous footwell provides ample legroom. The 3-way adjustable fabric seat, with its high maximum absorption of vibrations, offers every operator their optimum adjustment option. The adjustable steering wheel and storage compartments for personal effects and work materials complete the ergonomic experience.



Two-shifts on one battery charge

The optimised energy concept of our reach trucks mean that it is now possible to complete two shifts with a single battery charge. All by using a Jungheinrich standard battery, irrespective of your conditions of use and the necessary throughout performance. That saves you guaranteed time and costs.

Benefit from the most energy-efficient trucks

Energy consumption



ETV Series 2: 5.16 kWh/100 pallets

Competition: Ø 8.14 kWh/100 pallets

Throughput



ETV Series 2: 64 pallets/h

Competition: Ø 48 pallets/h

Consumption and transported pallets per hour according to VDI 2198, compared to competition (average value).

ETV 110/112

Compact chassis for the narrowest aisle widths.

The Series 1 reach trucks feature a compact chassis and can be used in aisles as narrow as 2,659 mm (Euro pallet lengthways).

- Handling of a Euro pallet between the support arms is also possible with our narrow design
- 1,000 and 1,200 kg capacity
- Mast tilt up to 7,100 mm lift height
- Ergonomic steering with defined knob position
- Generous, ergonomic workstation with ample legroom
- Maximum ease of handling with soloPILOT or multiPILOT control lever
- Jungheinrich curveCONTROL for improved safety while cornering

Options:

- Switching from 180° to 360° steering
- Wide range of assistance systems
- Cold store version



Up to 1,200 kg capacity
Up to 7,100 mm lift height

ETM/ETV 214/216

Maximum performance with minimum energy consumption.

With travel speeds of up to 14 km/h and lift speeds of up to 0.51 m/s (with 1,400 kg load), the Series 2 reach trucks keep the warehouse on the go. You can choose between four performance packages, depending on your requirements. The display provides the operator with a number of control and operating functions ranging from various travel programmes via PIN code access to rack height select.

- Available in two truck widths
- 1,400 and 1,600 kg capacity
- Mast tilt up to 9,020 mm lift height
- Fork tilt up to 10,700 mm lift height
- Ergonomic steering with defined knob position
- Switching from 180° to 360° steering (depending on performance package)
- Generous, ergonomic workstation with ample legroom
- Maximum ease of handling with soloPILOT or multiPILOT control lever
- Load wheel brakes (depending on performance package)
- Jungheinrich curveCONTROL for improved safety while cornering

Options:

- Reduced mast sway due to mast reach cushioning
- Panorama roof for unobstructed visibility
- Wide range of assistance systems
- Cold store version (available with and without cab)



Up to 1,600 kg capacity
Up to 10,700 mm lift height

ETM/ETV 318/320/325

Lifting the heaviest loads to the greatest heights.

The extremely stable mast, a wide, extremely strong chassis and a generous drive wheel diameter, the Series 3 reach trucks ensure that 1,000 kg loads can be lifted to heights of more than 13,000 mm. You can choose between four different performance packages, depending on your requirements.

- Available in two truck widths
- 1,800, 2,000 and 2,500 kg capacity
- Fork tilt up to 13,000 mm lift height (ETV)
- Cold rolled mast profiles
- Ergonomic steering with defined knob position
- Switching from 180° to 360° steering (depending on performance package)
- Generous, ergonomic workstation with ample legroom
- Maximum ease of handling with soloPILOT or multiPILOT control lever
- Load wheel brakes
- Jungheinrich curveCONTROL for improved safety while cornering

Options:

- Reduced mast sway due to mast reach cushioning
- Panorama roof for unobstructed visibility
- Wide range of assistance systems
- Cold store version (available with and without cab)



Up to 2,500 kg capacity
Up to 13,000 mm lift height

ETV C16/C20

Ideal for both indoor and outdoor operation.

In addition to a number of lift heights and capacity classes, the Jungheinrich reach truck range also offers trucks for different ground conditions. The C-Series really comes into its own when it is used for combined warehouse and yard operation. Its superelastic tyres and high ground clearance enable it to be used both on smooth concrete floors in the warehouse and on bumpy asphalt when loading and unloading HGVs, for example.

- 1,600 and 2,000 kg capacity
- Mast tilt up to 7,400 mm lift height
- Superelastic tyres for indoor and outdoor operation
- Generous, ergonomic workstation with ample legroom
- Maximum ease of handling with soloPILOT or multiPILOT control lever
- Ergonomic steering with defined knob position
- Jungheinrich curveCONTROL for improved safety while cornering

Options:

- Switching from 180° to 360° steering
- Panorama roof for unobstructed visibility
- Wide range of assistance systems
- Driver's cab for outdoor use



Up to 2,000 kg capacity
Up to 7,400 mm lift height

ETV Q20/Q25

With all-wheel steering in every direction.

Jungheinrich multi-directional reach trucks are used wherever long loads are transported sideways in restricted conditions and must be stored at high lift heights. A number of different travel programmes and steering modes are available, ranging from modified normal travel, turning on the spot through to transverse and parallel travel.

- Multi-directional reach trucks for maximum manoeuvrability
- 2,000 and 2,500 kg capacity
- Electronically controlled all-wheel steering
- Mast tilt up to 8,720 mm lift height
- Fork tilt up to 10,700 mm lift height
- Ergonomic steering
- Generous, ergonomic workstation with ample legroom
- Maximum ease of handling with soloPILOT or multiPILOT control lever
- Load wheel brakes

Options:

- Switching from 180° to 360° steering
- Reduced mast sway due to mast reach cushioning



Up to 2,500 kg capacity
Up to 10,700 mm lift height

ETR 230/235/340/345/335d

Single and double deep reach truck.

Unlike sit-on moving mast reach trucks, the Jungheinrich pantograph reach trucks move only the forks forward and backwards with a pantograph attachment. The mast is permanently fixed to the chassis and doesn't move. This makes it possible to use various load wheel arm sizes so that pallets up to 1,200 mm wide can be retracted between the load wheels.

- 1,400, 1,600, 1,800 and 2,000 kg capacity with single stacking depth (full capacity up to 9,200 mm lift height with Series 3, up to 7,595 mm with Series 2)
- 1,600 kg capacity with double-depth stacking (full capacity with ETR 335d up to 10,719 mm lift height)
- Stand-on version for fast entry and exit
- Maximum lift speeds of 0.84 m/s with proportional control
- Wide variance in the dimension between the wheel arms (17 widths from 838 mm to 1,245 mm)
- Improved stability and consistent driving characteristics thanks to the ProTrac suspension system
- Intuitive operation with the multiPILOT control lever
- curveCONTROL for improved safety while cornering

Options:

- Cold store version (down to -28°C)
- Rack height select with SNAP function



Up to 2,000 kg capacity
Up to 11,430 mm lift height

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

 Jungheinrich trucks
conform to the European
Safety Requirements.

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