Electric reach truck

ETV 414i–425i

Lift height: 5000-14000 mm / Load capacity: 1400-2500 kg

LI-ION technology

JUNGHEINRICH

Slim and ergonomic
Lithium-ion trucks.

For increased productivity and operator satisfaction.

Our innovative and powerful ETV 414i–425i reach trucks are the optimal choice for safe, ergonomic storing and removal with high load capacities and at great lift heights.

The fully integrated Li-ion battery makes the truck particularly compact and impresses with its rapid and booster charging capability, as well as extreme flexibility in use. High lift speeds combined with the reachPRO and loweringPRO functions deliver impressive throughput.

Smart assistance systems such as active mast oscillation damping or a positioning laser for easier stacking guarantee maximum occupational safety, while tailored operating concepts and a spacious workplace with excellent visibility make a significant contribution to maintaining operator health.

No worries. No compromise.

The Jungheinrich Li-ion Guarantee Plus provides you with a long-term performance promise of up to 8 years on our high-quality lithium-ion batteries. We are certain that the high performance and long service life of our lithium-ion technology will convince you. This is why we guarantee that you can easily and quickly switch back to your original technology at any time within 6 months of delivery.

Use your data to your advantage.

Utilise the data from your trucks to save time, energy and costs and increase efficiency. Our Telematics box (ex works) provides you with a free fleet management starter package that can be flexibly expanded with various hardware and software components.

All benefits at a glance

- Compact lithium-ion trucks for maximum throughput.
- Fully integrated Li-ion battery with rapid and booster charging function.
- Unrivalled productivity thanks to extremely high lift and lowering speeds.
- Optional camera system and light strips for high operating comfort.
- Semi-automated hydraulic auxiliary functions for increased safety.

Your Jungheinrich reach truck

for maximum customer benefits.

Efficiency

Maximum performance with the most efficient trucks.

Increase your throughput with our electric reach trucks: in addition to their strong acceleration, the ETV 414i–425i trucks impress with the highest lift, reach and lowering speeds.

Integrated lithium-ion technology

- Extremely short charging times for maximum availability.
- Cost savings thanks to extended service life and maintenance-free operation.
- Time savings due to the elimination of battery changes.

Powerful lifting mast

- For high safety when performing stacking tasks.
- Optimal warehouse utilisation with large lift heights of up to 14,000 mm.
- High residual load capacities with smaller vehicle dimensions.
- Fork tilt for easier, precise pallet picking.

Performance features included as standard

- liftPRO for doubling the lift speed without compromising fork adjustability.
- reachPRO for increasing the thrust speed and improving productivity.
- loweringPRO for maximum performance by doubling the lowering speed to up to 1.2 m/s.
- Smooth mast transition for enhanced safety when lifting and lowering goods.

Safety

Best conditions for safe working.

With the ETV 414i–425i trucks, you benefit from maximum protection for people and load. Thanks to their innovative, compact design without a battery tray, the reach trucks offer perfect all-round visibility for maximum occupational safety.

Enhanced safety

- Improved visibility of the support arms and load due to the removal of the lead-acid battery.
- Slender roof struts enable optimal all-round visibility.
- Drive wheel cover to protect against damage.
- Step tread for ergonomic entry into the truck.
- Solid shoulder protection.
- Optional raised windscreen.
- Optional panorama glass roof.
- Integrated SmartStripe light strip with daytime running light, brake light, direction indicators and charging indicator, available as an option.
- Brake light and direction indicators available as an option.

Wide range of assistance systems and options

- Positioning laser for easier stacking of loads.
- Permanent monitoring of the limit load capacity via operationCONTROL.
- Forks and positioning camera with monitor.

4-inch full-colour display

- Travel direction and wheel position indicator.
- Battery status with residual time display.
- Three selectable travel programs.
- Operating hours and time of day.
- Optional display of lift height and load weight.

Individuality

A forklift truck as individual as your business.

Because the health of your employees is a priority: Thanks to standard and optional control options, the ergonomic operator position of our ETV series 4i quickly becomes the favourite place to work, offering maximum working comfort.

Ergonomic workplace

- Extended space for the operator.
- Armrest and steering wheel can be adjusted separately without effort.
- Entry step for easy entry to and exit from the truck.
- Installation of holders for additional equipment such as radio data terminals or scanners is possible.
- Practical storage areas.
- Comfort charging and optional built-in charger.

soloPILOT control lever

- For activating all hydraulic functions, sounding the horn and selecting the direction of travel.
- All controls are within view and clearly assigned to a specific function.
- Intuitive direction-of-travel switch operation.
- Precise work thanks to sensitive control of all functions.
- multiPILOT control lever available as an option.

Overview

The right solution for your applications:

Name	Load capacity/load	Lift height (max.)	Travel speed unladen	Aisle width (pallet 800x1200 length)	Lift speed unladen
ETV 414i	1400 kg	10700 mm	14 km/h	2801 mm	1.6 m/s
ETV 416i	1600 kg	10700 mm	14 km/h	2806 mm	1.6 m/s
ETV 420i	2000 kg	14000 mm	14 km/h	2822 mm	1.4 m/s
ETV 425i	2500 kg	14000 mm	14 km/h	2841 mm	1.4 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

Jungheinrich fork lift trucks meet European safety requirements.

CE

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