



Jungheinrich POWERLINE

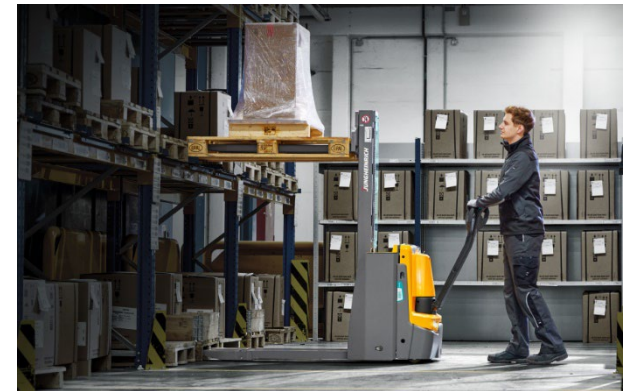
Product presentation

JUNGHEINRICH

The new standard. The Jungheinrich POWERLiNE.

When it launched the first series truck with a lithium-ion battery for the intralogistics sector more than ten years ago, Jungheinrich ushered in a new era of industrial trucks.

And now with the integration of a lithium-ion battery in the POWERLiNE truck, Jungheinrich has once again set an industry standard that can take your warehouse to a whole new level – a standard that is unparalleled in terms of agility, comfort, security and, above all, sustainability, while significantly increasing the productivity of your company.





**SHAPING THE
STANDARD**

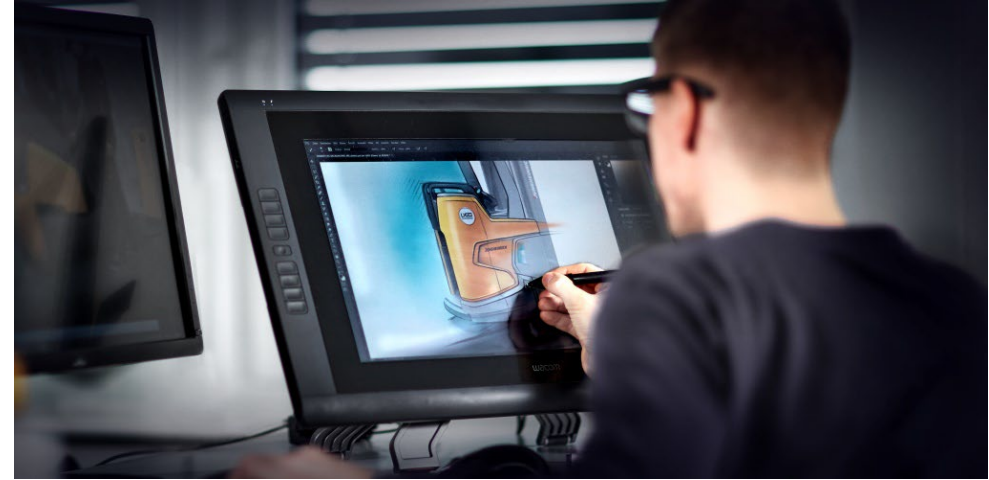
THE ALL-NEW
SUSTAINABLE
POWERLINE
RANGE

Integrated Li-Ion battery.

Working from the battery up.

What developer or designer wouldn't love to be given a blank sheet of paper on which to design the ideal product. An industrial truck that would meet the highest demands in terms of functionality and performance. And thanks to the rapid development of lithium-ion technology, this is now entirely possible.

The focus is on determining the ideal qualities that an industrial truck should bring to its environment. The result is a revolutionary design that unleashes new capabilities. Compact, powerful, versatile and highly efficient.



The four main advantages.

At a glance.



Outstanding agility

Increased productivity and maximum efficiency thanks to optimal use of space



Maximum safety

Fewer failures and the best protection for your employees



Unparalleled sustainability

Set an example with some of the most sustainable trucks in the industry



Optimum comfort

A workplace that your employees will love



**SHAPING THE
PERFORMANCE
STANDARD**

**THE ALL-NEW
SUSTAINABLE
POWERLINE
RANGE**

The new standard in performance

Our POWERLiNE trucks are unparalleled in terms of performance and significantly boost the functioning of your warehouse. Thanks to the integrated lithium-ion battery, the trucks are much more compact and agile, which makes them particularly suitable for use in narrow aisles and goods throughput applications. With their impressive acceleration and lift speed, the trucks, which are now up to 30 centimetres shorter, achieve an increase in area productivity of 4% and thus set new standards in terms of handling capacity and goods throughput.



Outstanding agility

- ▶ Increased acceleration and lift speed
- ▶ Truck size reduced by up to 30 centimetres
- ▶ 4% increase in area productivity
- ▶ Increase of up to 20% in the number of pallet movements per hour



SHAPING THE
SAFETY
STANDARD

THE ALL-NEW
SUSTAINABLE
POWERLINE
RANGE

The new standard in safety

Safety in the warehouse is the top priority, which is why we are constantly striving to improve the safety of your employees when developing and advancing our trucks. With high exterior walls made of steel and many other safety features, our POWERLiNE trucks offer optimal protection for the operator. The fact that the battery no longer needs to be replaced also eliminates potential injury. A bonus for your employees, but also a bonus for you since accidents, breakdowns and repair or conversion costs are significantly reduced.



Maximum safety

- ▶ Highest security standards
- ▶ High steel exterior walls for significantly improved operator protection
- ▶ Fewer accidents and downtime
- ▶ Prevention of damage to transported goods and equipment



**SHAPING THE
SUSTAINABILITY
STANDARD**

**THE ALL-NEW
SUSTAINABLE
POWERLINE
RANGE**

The new standard in sustainability

Climate protection is one of the most important issues of our time. And thanks to the unbeatable energy efficiency of our lithium-ion trucks, you not only reduce your daily energy consumption, and consequently your costs, by 20% compared to lead-acid alternatives, you also reduce your CO₂ footprint. We work tirelessly to improve energy consumption throughout the entire production process, mainly using energy from sustainable energy sources such as our own photovoltaic systems and can guarantee a CO₂-neutral footprint right up to the time of delivery of our POWERLiNE trucks.



Unparalleled sustainability

- ▶ CO₂-neutral footprint up to the time of delivery
- ▶ Produced using energy from sustainable energy sources
- ▶ Continuous improvement in energy consumption during production
- ▶ 20% less energy consumption in daily use compared to lead-acid alternatives



SHAPING THE
COMFORT
STANDARD

THE ALL-NEW
SUSTAINABLE
POWERLINE
RANGE

The new standard in comfort

As an intralogistics company with almost 70 years of experience, we understand what your employees do every day. And that's why we do everything we can to make our equipment as comfortable as possible and to facilitate the working life of your operators. Because every additional level of comfort results in increased productivity for the operators and significant reductions in sickness-related absences. Our POWERLINE trucks provide operators with an ergonomically structured workplace, cushioned equipment, maximum freedom of movement and optimum ease of use.



Optimum comfort

- ▶ Ergonomic operator compartment
- ▶ Cushioned equipment
- ▶ More legroom and freedom of movement
- ▶ High degree of comfort

ETV 2i



ERC 2i/2bi/2zi



EJD 1i



ERD 2i



ERE 2i



EJE 1i



**THE COMPLETE
POWERLINE
PORTFOLIO**

ETV 216i

electric reach truck

Setting a new standard in terms of space, visibility & performance.

- ▶ Li-ion battery with quick charging and intermediate charging capability.
- ▶ Spacious, ergonomically designed operator position.
- ▶ Optimum view of support arms and load.
- ▶ reachCONTROL option to optimise reach speeds.
- ▶ drive&liftPLUS for maximum performance with high residual capacity.



Indisputable performance.



Operating time of **6 hours** in maximum driving mode.



A **full charge** of an almost flat battery takes just **80 minutes**.



21% increase in productivity compared to an average reach truck.



The **very low centre of gravity** increases the **residual capacity** to 1,000 kg at a lift height of 10,700 mm and to the maximum 1,600 kg at a lift height of 9,000 mm.

ERD 220i

electric stacker truck

Compactness, ergonomics and safety like never before.

- ▶ Most compact truck in its class.
- ▶ Protected operator position with steel side walls on three sides.
- ▶ Specially designed for demanding HGV applications.
- ▶ Best performance values on the market.
- ▶ Versatile – can be used with HGVs and for storage up to the third racking level.



No compromises.



35% lower energy consumption than the market average with lead-acid technology.



Up to 11% higher productivity than the average test truck in its class when handling single pallets.



Increases the usable area in the space-intensive handling sector with a turning radii of less than 2 metres.



A 31% increase in productivity in double-decker operation compared to single pallet transport.

ERC 214i–216i / 214zi–216zi / 214bi–216bi

electric stacker truck

The electric stacker truck with concentrated power

- ▶ Safe storage and retrieval at heights of up to 6 m.
- ▶ Panoramic overhead guard for maximum protection against falling loads.
- ▶ Increase in precision and speed with intelligent stacking assistance systems.
- ▶ Innovative overload warning concept: visual (display), auditory (sound signal) and tactile (vibration in the tiller handles).
- ▶ Revolutionary, extremely compact truck design despite solid side walls on 3 sides for protection.



A completely new performance concept.



Exceptional **residual capacity** at high lift heights, e.g. 1,260 kg at 3,990 mm or 1,040 kg at 5,250 mm.



Top speeds of **12 km/h**.



On average, up to **30% less kWh consumption** than comparable stacker trucks.



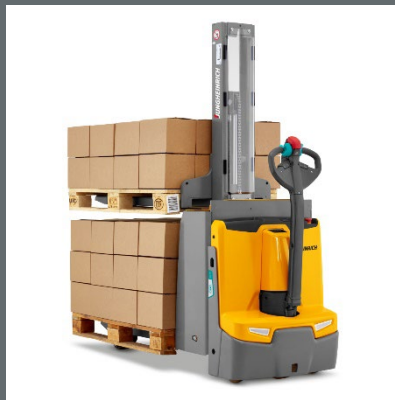
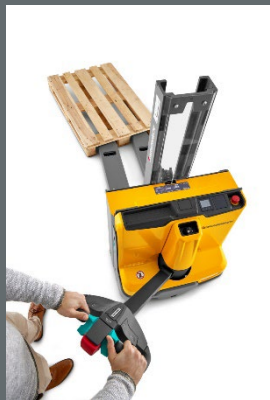
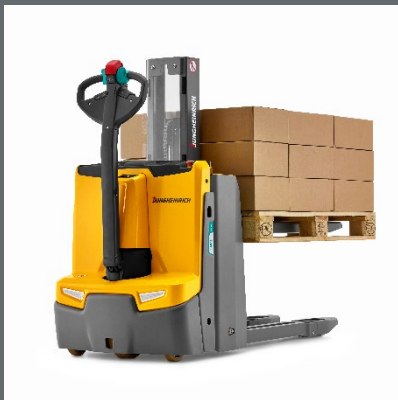
Up to **7% more pallets handled** per shift (8h).

EJD 118i

electric stacker truck

Optimum performance in a minimum of space.

- ▶ Compact dimensions and high manoeuvrability for tight spaces.
- ▶ Narrow monomast for optimal all-round visibility, e.g. when used in retail outlets open to the public.
- ▶ Lightweight and versatile assistant for space-saving truck transport.
- ▶ Universal applications – from double-decker transport to use as a lift platform for order picking.
- ▶ Gentle, controlled lifting and lowering of the load thanks to standard proportional hydraulics.



ERE 225i

electric low-lift truck

Compact, spacious and remarkably safe.

- ▶ The shortest electric low-lift truck in its class. 300-mm shorter, compact truck design.
- ▶ Two platform variants suitable for every warehouse layout.
- ▶ High level of operator protection thanks to the robust steel chassis and walls on three sides.
- ▶ Optional truck detection with automatic speed reduction and illumination.
- ▶ Efficient drive concept for outstanding performance.



The compact powerhouse.



Setting a benchmark in the industry: **20% more pallets** per hour than an average truck.



26% more agile handling compared to competitor trucks (based on acceleration over 10 m).



With a turning radius of **less than 1.80 m** and compact dimensions, the truck is ideal for narrow aisles.



Up to **50% lower energy consumption** than competitive products with lead-acid technology.

EJE 114i–118i

electric low-lift truck

The efficient and manoeuvrable electric low-lift truck.

- ▶ High availability thanks to the integrated Li-ion battery.
- ▶ Extremely manoeuvrable and compact due to the small front end length.
- ▶ Low overall weight.
- ▶ Ideal for loading and unloading trucks and as a transport device.
- ▶ Built-in charger for fast charging at any 230 V socket.



Readily available.



Total weight of only **280 kg** including battery.



Only **60 minutes** for a full charge.



14% shorter L₂ dimension than comparable series devices.



50% charge in just a **30-minute break**.

POWERLINE: **Shaping the standard.**

 ***JUNGHEINRICH***