The DS Group is a major mover. Thanks to the power of Li-ion batteries.

Whether it is barbecue trolleys, steam irons or coffee machines – transporting the 4,000+ items in the DS Group's product range requires a huge logistical feat every single day. Yet the challenge is successfully achieved by a 30-strong fleet of lithium-ion industrial trucks from Jungheinrich. This fleet ensures that the goods are transported reliably throughout the 30,000 m² logistics centre in Gallin. At the same time, the Jungheinrich WMS optimises the routes in order to save time and increase the efficiency of the trucks. A perfect combination, enabling the customer to handle over 19,000 packages a day during peak periods.

INNOVATIVE BATTERY TECHNOLOGY.

The narrow aisle warehouse with 32 aisles built by Jungheinrich at the Gallin site provides around 30,000 pallet storage locations or a storage space large enough to house 3,000 shipping containers. For Managing Director Hauke Hagemann, the decision to opt for future-proof lithium-ion technology was an easy one. With rapid and booster charging capabilities and a service life three times longer than that of conventional batteries, the advantages were plain to see. "The trucks can be charged while our employees are on their breaks. This allows us to operate in two shifts without any interruptions," explains Hagemann, who is responsible for all logistics for the DS Group.

SMART SOFTWARE, STREAMLINED PROCESSES.

A fleet as diverse as that of the DS Group requires a high degree of coordination. A wide variety of industrial trucks are in use, from narrow aisle trucks and stacker trucks to low-lift pallet trucks and tow tractors. Jungheinrich's Warehouse Management System therefore plays a key role in the day-to-day running of the logistics processes. By optimising the routes, the goods are transported in double cycles with simultaneous storage and removal. This not only saves time, but also increases efficiency. Movement of up to 300,000 pallets per year would be almost impossible to achieve without the Jungheinrich WMS.

JUNGHEINRICH, THE FULL-SERVICE PROVIDER.

As well as providing the racking design and industrial trucks, Jungheinrich is also responsible for all the forklift and scanner technology. This ensures that all components interact seamlessly. The logistics solution is also unique in that it includes a wide range of service options for the trucks and service specialists trained in lithium-ion technology. "We have been relying on Jungheinrich After Sales Service for many years now and have always been impressed by the responsiveness and commitment of the highly motivated engineers," praises Hagemann as he drives away in his mobile control centre, a Jungheinrich EZS 1 tow tractor. His next logistical challenge is calling.

Lithium-ion technology is on the rise.

01
Thanks to its compact dimensions, easy and precise manoeuvring in the HGV is no problem for the EFG 216k.

02
Optimum all-round service at all times from Jungheinrich's highly trained service specialists.

THE PROJECT AT A GLANCE.

Customer:	DS Group – A company of The Social Chain AG
Sector:	Retail and wholesale
Company size:	Approx. 550 employees
Location:	Gallin, Germany
Warehouse size:	30,000 m²

CHALLENGE.

The time-saving and energy-efficient storage and order picking of a large range of goods with more than 4,000 items in packages of various sizes.

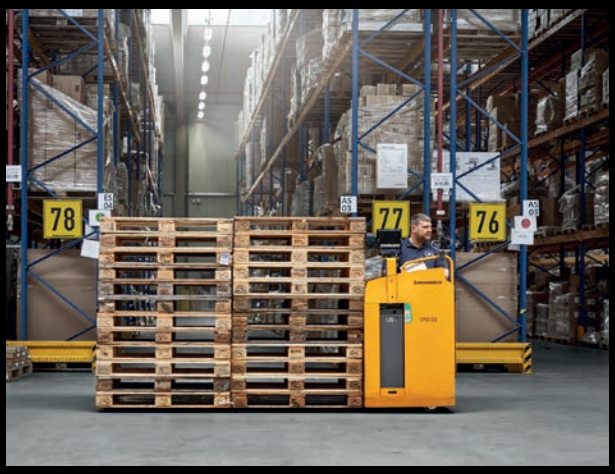
JUNGHEINRICH SOLUTION.

Jungheinrich industrial trucks equipped with lithium-ion technology, a 32-aisle narrow-aisle racking system and Jungheinrich WMS for the optimum interaction of all components.

RESULTS.

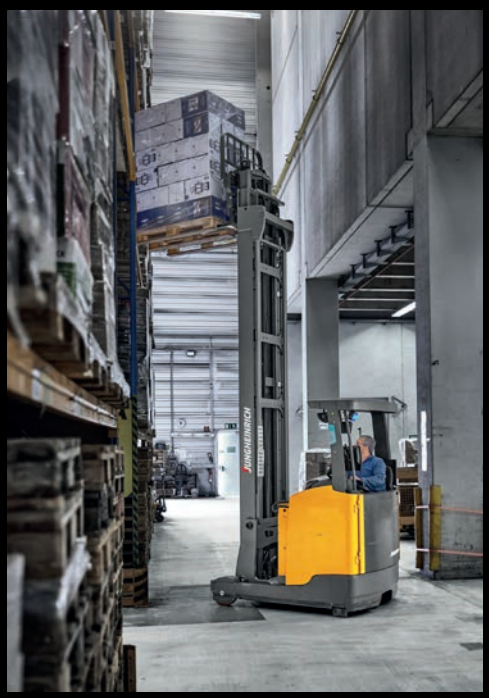
Highly cost-effective two-shift operation and flexible use of the industrial trucks thanks to the rapid and booster charging functions of the lithium-ion batteries.

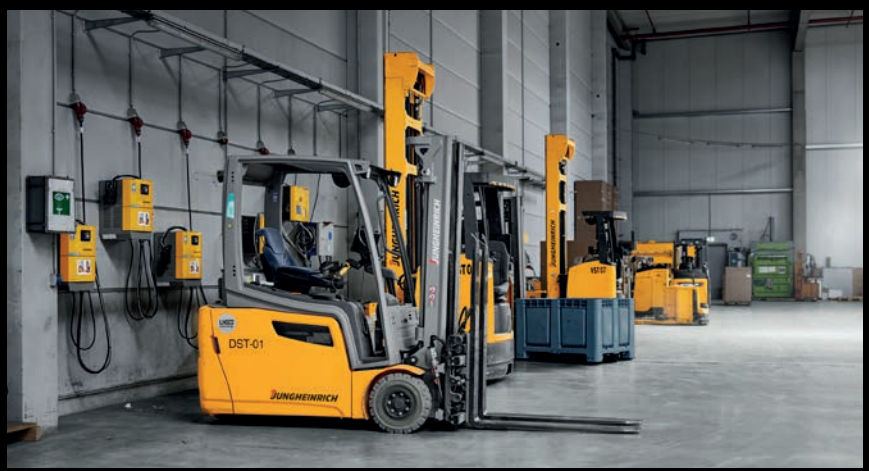
IMPRESSIONS.



The ESE 220 is ideal for the medium and long-distance transport of heavy goods.

The POWERLiNE ETV 216i reach truck easily achieves high residual capacities despite its more compact dimensions.





Lithium-ion stackers are specially designed for multi-shift operation and can easily be booster charged during breaks.

JUNGHEINRICH

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