



Medium/high level order picker

EKS 110

Lift height: 1000-2800 mm / Load capacity: 1000 kg

LION
technology

JUNGHEINRICH

The ergonomic order picker up to the third racking level.

Versatile, powerful and efficient.

Our solid and ergonomic medium and high level order picker EKS 110 is the ideal partner for order picking up to the third racking level in the wide aisle. Thanks to a maximum platform height of 3 metres picking heights of up to 4.6 metres can be reached. Due to the self-supporting construction open and closed pallets can be transported.

The energy-saving 3.2 kW drive system impresses with high acceleration values and high battery capacity which allows long-term use even in multi-shift operation. Safe working is ensured by the low entry height, increased grip of the standing platform as well as optimum freedom of movement while entering and exiting.

A driver's seat designed for gentle work: With intuitive arrangement of the controls, a 4-inch display and three selectable driving programs. Additionally various equipment options and assistance systems make this order picker flexibly applicable. So the driver can simply hop on and drive off.



No worries. No compromise

With the Jungheinrich Li-ion Guarantee Plus, we give you a long-term performance promise of up to 5 years on our high quality lithium-ion batteries, so you can completely concentrate on your tasks without worrying.



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.

* In accordance with our warranty terms - see website for details.

All benefits at a glance

- Maximum picking performance with lowest energy consumption
- Powerful engine for high handling capacity
- Optionally with walk-on load section (L) or auxiliary lift (Z)
- WMS connection via Logistics Interface for optimised processes
- Picking height up to 4.6 m

Your Jungheinrich order picker for maximum customer benefits.



Efficiency

Maximum performance with the most efficient trucks.

A true bundle of energy for your warehouse: This picker not only saves energy but also recovers it through regenerative braking.

Efficient order picking

- For toughest applications thanks to a capacity of up to 1000 kg with a load centre of 600 mm.
- Stable cornering thanks to a low load centre provides a sense of security in every travel situation.
- Lowering of the walk-on load section (optional) means that the platform and loading device is lowered to the lowest level possible when order picking – providing the lowest entry every time with no depositing of the pallet.
- Particularly with low lift heights and frequent entry and exit, the touch mode provides a fast way of reaching the next picking point.
- The touch mode is located on the backrest to enable direct access to the loading device.

Long operating times with lead-acid battery

- Energy-efficient 3-phase AC technology and high battery capacities allow for long operating times.
- Different battery sizes available ranging from 375 Ah to 620 Ah.
- Lateral battery exchange for multi-shift operation (optional).

Available with lithium-ion technology

- High availability thanks to extremely short charging times.
- No battery exchange required.
- Saving costs due to longer service life and low maintenance in comparison with lead-acid batteries.
- No charging rooms and ventilation required as there is no build-up of gas.



Safety

Best prerequisites for working safely.

Directly from A to B: To optimise picking processes the EKS 110 is optionally available with WMS connection.

High process reliability thanks to WMS connection

- The EKS 110 is linked to a warehouse management system (WMS) via Jungheinrich Logistics Interface: Orders are easily forwarded to the truck control system via the interface software so that additional functions are created.
- Process reliability thanks to real-time feedback to the WMS.
- Targeted reduction of safety risks, since the driving parameters can be influenced via the WMS.
- Ergonomic order picking via an additional display in the load direction.
- Saves time by confirming the orders with a push button.

Improved visibility

- Better visibility in poorly lit areas thanks to integrated dayLED daytime running lights (optional).
- LED working lights on the overhead guard can be used as additional running lights or to illuminate the racking when order picking (optional).
- The optional LED workstation lighting ensures that the operator position is well lit.
- Floor spot – significant reduction of risk to collide in blind spots due to a red dot of light projected onto the floor approx. 3 m in front of the truck (optional).



Individuality

A forklift truck as individual as your business.

We think ergonomics a bit further: Enjoy maximum flexibility with our variety of special feature packages to be optimally equipped.

Robust design

- High-quality stainless steel skirt raised extra high on the front panel.
- Impact-protected steel drive panel protects the components behind it.
- Optional rubber or steel bumper provides additional protection.

Ergonomic workstation

- Low entry height for easy entry and exit.
- Padded backrest for comfortable depositing of goods on the forks.
- A continuous comfortable rubber mat provides noticeable relief for the operator.
- The tilted steering wheel supports natural hand movements and thus protects the operator's joints.
- As an alternative to conventional steering the optional jetPILOT is also available, which enables intuitive and convenient operation similar to a car.
- Good storage capabilities are offered by the integrated DIN A4 holder and other storage compartments.

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
EKS 110 L 100 E	1000 kg	2800 mm	10 km/h	3149 mm	0.26 m/s
EKS 110 L 160 E	1000 kg	2800 mm	9 km/h	3149 mm	0.2 m/s
EKS 110 L 190 E	1000 kg	2800 mm	9 km/h	3149 mm	0.2 m/s
EKS 110 L 280 ZZ	1000 kg	2800 mm	9 km/h	3240 mm	0.31 m/s
EKS 110 Z 100 E	1000 kg	2800 mm	10 km/h	3154 mm	0.26 m/s
EKS 110 Z 160 E	1000 kg	2800 mm	9 km/h	3154 mm	0.2 m/s
EKS 110 Z 190 E	1000 kg	2800 mm	9 km/h	3154 mm	0.2 m/s
EKS 110 Z 280 ZZ	1000 kg	2800 mm	9 km/h	3245 mm	0.31 m/s

The German production facilities in
Norderstedt, Moosburg and Landsberg ISO 9001
are certified as well as our Genuine Parts ISO 14001
Center in Kaltenkirchen.

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