

Low level order pickers

Complete range

 **JUNGHEINRICH**





Your ergonomic path to more picks per hour.

Our ECE Series 1, 2 and 3 low level order pickers are the “workhorses” of the warehouse up to the second racking level. The transition to the medium/high level order pickers is represented by our EKS Series 1 with a picking height of up to 4.60 m.

Order picking with the market leader

High-quality processing, robust construction and the best performance values: These are the secrets that have transformed Jungheinrich into the market leader, thanks to significant sales figures and high customer satisfaction.

Ergonomic workstation with jetPILOT

Despite its compact dimensions, our ECE can boast a spacious operator position and numerous practical storage areas on the front cover and backrest. The low step height and the increased grip of the stand-on platform provide the best conditions for safe order picking. In addition to the height-adjustable jetPILOT multifunction steering wheel for intuitive and intelligent control, the 2-inch display and the controls are centrally located and easily accessible to any operator.

Wide variety of equipment options

Our wide range of additional options allows us to guarantee the 100% adaptation of your order picker to your individual application requirements. Thanks to various battery concepts up to 620 Ah, our order pickers are also ideal for multiple shifts. Our three options packages – Efficiency, drivePLUS and drive&ecoPLUS – enable you to get the most out of your order picker.

LI-ION technology **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 (240 Ah or 360 Ah) now give you the opportunity for short-term fast and boost charging. The significantly greater efficiency also allows for a long service life.



Maximum energy efficiency saves you money



Energy consumption

ECE 225 (drive&ecoPLUS): 2.4 kWh/1,000 picks

Competition: Ø 3.05 kWh/1,000 picks



Throughput

ECE 225 (drive&ecoPLUS): 333 picks/hour

Competition: Ø 302 picks/hour

External values determined by Andersom Testing.



Two-shifts on one battery charge

2Shifts1Charge enables our order pickers to complete two shifts on just one battery charge thanks to an optimised energy concept. We guarantee that. You save valuable time while simultaneously reducing operating costs.

Access to the second racking level

Our ECE offers intelligent options for efficient and comfortable order picking at the second racking level: In addition to the optional footstep for safe access to the walk-on battery lid, the hydraulically lifting stand-on platform (optional) generates the required lift for ergonomic working, if desired in conjunction with the jetPILOT multifunction steering wheel, so that the operator can also control the truck 'from above'.

Remote operation with easyPILOT

There is a solution for optimised picking processes with a high performance requirement: The semi-automatic control of the ECE via the easyPILOT radio control unit. This enables the operator to move the truck to the next picking location without having to climb aboard and drive it. Not only does this save on unnecessary walking, but the picking performance is also significantly increased – particularly for short distances. For additional increased efficiency, driveNAVIGATION provides the optional WMS connection for our ECE with easyPILOT.



ECE 118: For light commissioning work.

Our ECE 118 is the entry-level truck in the order picking class. With a truck width of just 720 mm, it is narrower than a Euro pallet and therefore very manoeuvrable. It offers many features that make order picking efficient – from the comfortable stand-on platform to the initial lift to increase ground clearance.

- 1,800 kg capacity
- Vibration damping with ShockProtect
- Greater ground clearance for trouble-free negotiation of uneven surfaces by lifting stand-on platform
- Comfortable travel with height-adjustable steering unit

Options:

- Pedestrian operation from both sides via a button in the backrest
- Optimum protection for high loads thanks to extended backrest
- Comfortable order picking at the second racking level thanks to footstep



Capacity up to 1,800 kg

ECE 220/225: For picking performance with minimum energy

Thanks to various performance and space-saving features, the ECE 220/225 offers the highest picking performance with minimum energy consumption. With a battery capacity of up to 620 Ah, you can pick comfortably for up to 8 hours. Long-life batteries, even for cost-effective maintenance.

- 2,000 and 2,500 kg capacity
- Easy electric steering
- Everything to hand at all times thanks to multifunction steering wheel
- Travel speeds of up to 14 km/h and 16 km/h
- Longest run times with battery capacity of up to 620 Ah
- Fork lengths of 1,000 to 3,100 mm

Options:

- Negotiate corners as if on rails, with curveCONTROL
- Pedestrian operation from both sides
- Optimised picking with easyPILOT remote control
- Protection against impact thanks to impact protection
- Comfortable order picking at the second racking level thanks to stand-on platform with control unit
- Optimally informed and adjusted via LED display
- More safety offered by dayLED daytime running lights



Capacity up to 2,500 kg

**maximum
performance with
low energy consumption.**

speed levels, our ECE Series 2 guarantees the
maximum consumption. With battery capacities
stably, safely and without losing time chang-
multi-shift operation.

thanks to the height-adjustable jetPILOT

the best acceleration on the market
capacities up to 620 Ah

application-dependent, adjustable

via a button in the backrest
remote control

cushioned, adjustable stand-on platform
second racking level via footstep or lifting

a 2-inch display

time running lights and floor spots

ECE 310: For ergonomic picking up to 840 mm with loads up to 1,000 kg.

With our ECE 310, loads of up to 1,000 kg can be lifted to an ergonomic picking height thanks to the lifting load section. The comfort, safety and energy efficiency of the ECE with standard features are complemented here by a practical ergonomic lift. For back-friendly picking and depositing of goods on a pallet at maximum picking performance.

- 1,000 kg capacity
- Easy electric steering
- Everything to hand at all times thanks to the height-adjustable jetPILOT multifunction steering wheel
- Fork lengths of 1,150 and 1,400 mm

Options:

- Negotiate corners as if on rails, with application-dependent, adjustable curveCONTROL
- Pedestrian operation from both sides via a button in the backrest
- Optimised picking with easyPILOT remote control
- Protection against impact thanks to cushioned, adjustable stand-on platform
- Comfortable order picking at the second racking level via footstep or lifting stand-on platform with control unit
- Optimally informed and adjusted via 2-inch display
- More safety offered by dayLED daytime running lights and floor spots



Capacity up to 1,000 kg

ECE 320: For picking at ergonomic shelf height with loads up to 2,000 kg.

Our ECE 320 is particularly suitable for applications where the time and cost-saving lifting of tall loads to an ergonomic work height plays a role. The strong scissor lift load section with capacities of up to 2,000 kg and a lift height of 840 mm guarantees fast, safe and efficient order picking.

- 2,000 kg capacity
- Easy electric steering
- Everything to hand at all times thanks to the height-adjustable jetPILOT multifunction steering wheel
- Ergonomic replenishment and order picking with scissor lift
- Fork length of 2,400 mm

Options:

- Negotiate corners as if on rails, with application-dependent, adjustable curveCONTROL
- Pedestrian operation from both sides via a button in the backrest
- Optimised picking with easyPILOT remote control
- Protection against impact thanks to cushioned, adjustable stand-on platform
- Comfortable order picking at the second racking level via footstep or lifting stand-on platform with control unit
- Optimally informed and adjusted via 2-inch display
- More safety offered by dayLED daytime running lights and floor spots



Capacity up to 2,000 kg

ECD 320: For the cost-effective picking of two pallets in just one trip.

Our ECD 320 combines double-length forks (2,000 kg) with the mast lift for one pallet. This ensures the correct picking of the first pallet in the mast lift and the second pallet with the longer initial lift forks. The picking process can be completed in just one trip.

- 2,000 kg capacity
- Easy electric steering
- Everything to hand at all times thanks to the height-adjustable jetPILOT multifunction steering wheel
- Ergonomic order picking at optimum posture
- Fork length of 2,450 mm

Options:

- Load guard with pallet holder for direct transport
- Negotiate corners as if on rails, with application-dependent, adjustable curveCONTROL
- Pedestrian operation from both sides via a button in the backrest
- Protection against impact thanks to cushioned, adjustable stand-on platform
- More safety offered by dayLED daytime running lights and floor spots



Capacity up to 2,000 kg

Cost-effective solutions

...for the transportation of two pal-
...t (1,000 kg). After the ergonomically
...lift, this is now positioned on the
...can then continue immediately with

...e jetPILOT multifunction steering

...ure through raising load section

...transportation of the second empty pallet
...ation-dependent, adjustable

...button in the backrest

...oned, adjustable stand-on platform
...nning lights and floor spots

EKS 110: For efficient order picking from the first to the third rack level.

With our EKS 110, the platform and load section are raised together to a lift height of 3 m. This allows operators to pick up to a reach height of 4,600 mm. Our EKS 110 therefore represents the transition to medium/high-level order pickers and has a wealth of features which make order picking efficient and cost-effective.

- 1,000 kg capacity
- Picking height up to 4,600 mm
- Longitudinal and transverse lifting of different load aids with cantilever design
- Clear operator display

Options:

- Ergonomic order picking at optimum posture through raising load section
- Order picking platforms for bulky goods
- WMS connection via the Logistics Interface with new order picking optimisation
- Dual controls for ease of travel in load direction
- Pedestrian operation from both sides via a button in the backrest
- Guidance controls, aisle recognition and end of aisle control for use in narrow aisles
- More safety offered by dayLED daytime running lights and floor spots



Capacity up to 1,000 kg

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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