



OLP | OLH | OEP | OEH Series

## Low-Level Order Pickers

24 Volt AC-Powered

1200 - 2500 kg Capacities

# The order picker's new workplace

A picking truck is one of the highest intensity workplaces imaginable and order picking is the most expensive part of the material handling process. This was confirmed during development of our O-series: a new truck family designed by order pickers for order pickers.

Low-level picking at ground or 1st beam level requires a variety of specific models, determined by the structure of the picking process. There is a need to maximise efficiency in order to keep picking costs under control.

The O-series combines outstanding performance with unique ergonomics and safety, which keeps the total cost of ownership down.

## Benefits of the order picker

- Instant Launch technology and Boost Effect reduce time between picking locations
- Comfortable and multifunctional XControl steering wheel
- Short chassis for increased manoeuvrability
- Improved serviceability due to easy access
- Heavy-duty bumper and robust design for maximum durability

## Safety

- Easy-access 3D step-in with low step height
- Unique wide platform design with excellent damping system and non-slip textured floor
- Stability Support System (S3) with Cornering Control

## Truck

- AC motor delivers a maximum speed of up to 13 km/h
- 2.5 ton heavy duty version
- Powerful acceleration
- Active Spin Reduction (ASR)
- Pin code start (optional)

## Benefits for the company

- Ergonomic solutions reduce strain on staff
- Designed to reduce maintenance costs
- Minimal life cycle cost
- Increases efficiency
- PRO and ECO selection for maximum speed or energy-efficient performance mode







# The O-series for piecework

The UniCarriers low level order pickers are every order picker's and every company's dream. The O-series models are a sound investment for any company; they are reliable and built to minimise servicing and maintenance costs.

## 1. + 2. Ergonomic design

Numerous well thought-out design elements help to process orders quickly and flexibly:

- The very low step-in height of 123 mm helps the picker to stay fresh all day, contributing to more efficient picking and reduced total cost of operation.
- Getting on and off the driver's platform is easy and safe, thanks to the 3D access design.
- The platform design, with its excellent damping system and non-slip textured floor is better. The floor provides support without restricting the driver's mobility.
- The height-adjustable optional foldable seat is very simple to use and gives the legs additional support while driving.
- The XControl steering wheel offers multiple grip options, which reduces strain and uncomfortable neck positions, especially when the driver is standing sideways while reversing.

## 3. Quick & safe

One of the key features of the O-series low level order pickers is their Instant Launch technology that allows the driver to accelerate immediately when boarding without having to activate the operator presence switch.

Top speed can be reached quickly due to the Boost Effect technology. Both acceleration keys can be pressed simultaneously so that the order picker reaches maximum speed within seconds.

The truck also benefits from a rugged chassis, UniCarriers' unique S3 safety system and many other smart safety features.

For example:

- The advanced control system continuously adapts the truck's behaviour and characteristics to the needs of the driver and the application. This makes operation easier and more productive.
- Thanks to the Active Spin Reduction (ASR), slippery floors aren't an issue. The ASR system will cope with these situations and prevent unnecessary drive wheel spinning, which can cause premature wear to the wheel.
- A PIN-code prevents unauthorised use of the truck (optional).

## 4. Powerful

The O-series models are designed for multi-shift operations. The powerful 2.2 kW AC motor delivers unparalleled performance. Naturally, battery change is easy thanks to the steel rollers in the battery bed.

Two chassis sizes are available:

Junior chassis with up to 465 Ah

Senior chassis with up to 620 Ah

## 5. Driver-friendly

The driver is the most important part of the truck. The O-series offers extra space and practical features:

- The wide platform is comfortable. A low and narrow backrest makes it easier for drivers to walk quickly through the truck without hitting their elbows.
- The short chassis design makes the truck highly manoeuvrable.
- The fork tips are designed for easy entry, and longer forks are reinforced.

## 6. Efficient

Performance and ergonomics combined result in an efficient truck. Order pickers can work faster with the O-series models. This means more picking per hour and higher productivity.

The OEP and OEH offer fork lifting capability, keeping the pallet at the right height for ergonomic picking.

The OLN and OEH with a high-lift platform are recommended for second-level picking, which also adds to safety.

## 7. + 8. Practical

Ergolift, platform lift and "walk beside" buttons are easily reached.

Two emergency switches are also located here for extra safety.

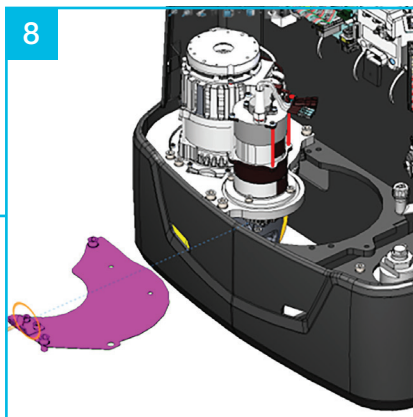
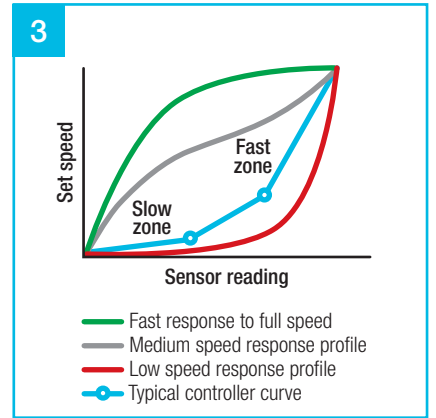
Serviceability is guaranteed with easy access to the truck's internals.

Inspection and maintenance of the drive unit as well as changing the drive wheel are possible without any difficulties.

## 9. Tough

To ensure it can keep up during a long day of starts, stops and rapid acceleration, the O-series models operate at full capacity consistently. The low level order pickers will work effortlessly – even in some of the toughest environments. The optional cold store-specified order pickers are designed to work down to -35°C.















# The difference is in the details

- Angled, very wide 3D step-in
- Low step-in height (from 123 mm)
- Extra spacious driving platform
- Dampened low backrest with walk-through design
- Floating, dampened floor with rubber mat and footrest area in front
- Instant Launch technology – simultaneous step-in and acceleration
- Boost Effect – less time between picking locations
- Quick and simple adjustment of fork and platform height for comfortable working position
- Steel cover for easy access to battery
- Robust chassis with reinforced bumper
- Ergonomic, robust design and technology cuts life cycle cost (LCC)
- Fork lifting height is 220 mm, which is especially important in ramps and loading docks.

## XControl steering



The XControl steering wheel has been developed to meet the particular needs of the order picker. It is ergonomically designed to keep movements to a minimum. The driver can control all the truck's functions easily with the height-adjustable wheel and without any fatigue in the wrist and fingers. It also allows you to reverse long distances because your hand is on top of the control when steering, letting you to stand sideways without straining your neck. The shock- and vibration-absorbing XControl wheel enables a comfortable drive even during long shifts. It's also possible to operate the truck while the order picker is walking next to it, with a reduced steering angle of 10° to help minimize unintended collisions.

UniCarriers XControl steering wheel allows control of all functions from a single location. It's designed to reduce movement, providing the driver with maximum recuperation between picking locations.

## QControl (Queue Control):

The steering is 100° each direction, which is a great help in tight spaces. If you make a full turn on the spot, the truck will reverse away from obstacles or other trucks queueing in front.







## Technical solutions

### Stability Support System (S3) **S3**

The Stability Support System (S3) helps the driver avoid hazardous situations by automatically reducing speed when turning. S3 delivers a high level of safety with a smoother and more energy-saving drive.

### PRO/ECO mode

The two different settings offer a great way to select between the quickest-possible order picking in PRO mode, or ECO mode for a quick truck that is energy-optimized to save power and extend the operating time on a single battery charge.



# Model range

UniCarriers low-lifting order pickers are modular. This makes it possible to tailor every truck to your particular wishes and keep down service costs and TCO thanks to a shared component strategy that ensures maximum uptime. Design your low level order picker for floor and first-level picking to meet your particular picking needs.

## **OLP 200–250**

Low-lift forks  
Low platform  
2.0 or 2.5 tons



## **OLH 200–250**

Low-lift forks  
High-lift platform  
2.0 or 2.5 tons



## **OEP 120**

Ergolift forks  
Low platform  
1.2 tons



## **OEH 120**

Ergolift forks  
High-lift platform  
1.2 tons





# Options for all operations

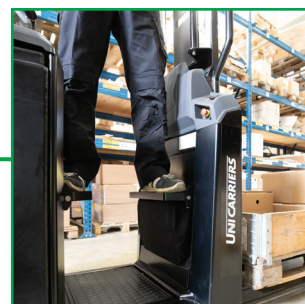


**Heavy-duty bumper**  
As strong as it gets

**Picking tray and 1,200 mm Ergolift**  
Add more ergonomics to your second-level picking



**Support bars and a foldable climbing step**  
For safe access to higher picking locations



**Front storage compartments and a foldable seat**  
Make your work easier



**Multifunction display**  
Easy-to-read, advanced display with all the information you need

**Equipment bar, blue light and warning light**  
Many more useful options





It's all about  
the price.  
**But what  
price?**

## **Reduce your Total Cost of Operation with UniCarriers**

We agree. Price is everything. Or to be more specific: your Total Cost of Operation (TCO). That's why we're so focused on cutting costs and improving your material handling. The truck and its performance play an important role, but this is even more about how we can support you in optimising your warehouse operations to give you the best value for your money. Which – in the long run – is what creates a winner.

\*The product shown may be different than the actual configuration based on market requirements.

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