

**UNI CARRIERS**<sup>®</sup>  
□ FORKLIFT □



EPM | EPH Series

**Medium And High-Level Order Pickers**  
24 & 48 Volt AC-Powered  
1,000 - 1,250 kg Capacities

UniCarriers designs, manufactures and supports the most advanced material handling equipment. By integrating the three distinctive brands of Atlet, Nissan Forklift and TCM, UniCarriers is the perfect mixture of Japanese quality and technology as well as Swedish design and ergonomics. UniCarriers represents more than 65 years of industry experience, an unparalleled global reach and deep understanding of local markets.

# The correct decision

In every material handling operation, each handling method is a necessary function to keep product moving. Each handling method is a part of your material handling costs incurred, and order picking is by far the most important. Any order picking function that cannot be automated requires people.

The number of working hours required to perform an order picking operation far exceeds that of the working hours for all remaining functions added together.

This labor-intensive operation becomes the most expensive aspect of all your material handling costs. Because of this, the selection of your order picking equipment is a decision that will determine how well you keep these costs under control and allow your profitability to increase.

**There are 7 important closely linked areas that will need serious consideration when making a purchasing decision:**

1. The total **Material Handling** structure and the order picking methods employed within
2. **Ergonomics** and how this affects the operators comfort and productivity
3. **Productivity** of the order picking system and equipment
4. **Customized** equipment designed to fulfil your specific order picking needs
5. **Protection** in terms of equipment design and how this is influenced by the order picking system
6. **Reliability and Uptime** of the equipment will have a major influence on the running costs of your order picking system
7. **Maneuverability** resulting from smart design, using space to a premium and thereby keeping costs to a minimum



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# The right way

## to carry out an order picking function

Many customers procure flexibility of equipment while others will pursue the lowest possible price as their primary goal. However, both of these strategies fail to recognize the crucial cost of total material handling.

UniCarriers will identify the most time-efficient order picking system and equipment for your individual needs, and thereby reduce your total cost of operation:

- High performance order picking
  - Lowest total cost of operation
  - Most time-efficient picking strategy
-





23 %

increase in  
maximum  
picking height

11 %

higher order  
picking productivity

# Ergonomics...

The applied science of equipment design, which in the workplace helps to maximize productivity, also helps to ensure operators stay fresh throughout the shift. UniCarriers takes a 360 degree view of ergonomics.



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## 1. Operator-friendly cabin

- **Visibility** through the main ProVision mast
- **Visibility** through the front of the picking cabin
- Helps to boost performance and cost effectiveness

## 2. and 3. Adaptable controls

- **Designed** to fit neatly in both hands
- **Adjustable** up & down with forward and backward rotation to suit virtually all operators
- **Controls** front or back of cabin

## 4. Designed for Order Picking

- **Multiple storage compartments** for everything the operator needs while order picking

## 5. and 6. Looking out for the operator

- Low step-in height
- Pro Access gates
- Wide platform entry/exit

## 7. Battery access

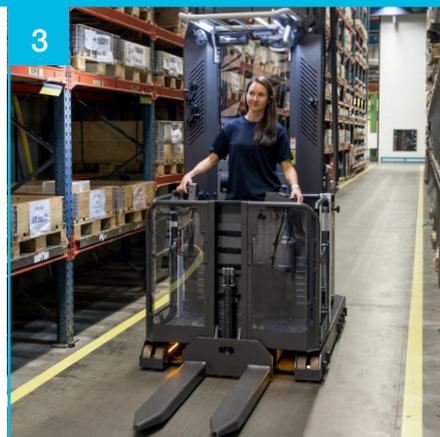
- Easy access to the battery from above for checking the electrolyte status
- Easy lateral pull-out access on steel rollers providing easy battery change-over for extended use

## 8. Multi positional Ergo Seat

- Fully adjustable to any position so it can be used as a comfort seat for longer travel distances, or as a comfortable lean-on cushion between picking locations



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### 9. Intelligent use of vertical space

- Overhead guard can also be used to attach other optional equipment like LED lights, mirror, cooling fan, radio, etc.

### 10. DPS – driver presence sensor

- The innovative DPS greatly improves ergonomics by replacing the old small dead man's switch. The floor panel is equipped with sensors to detect the operator's presence in the cabin. This means that the operator does not have to push down on a pedal with one foot, which could lead to potential strain or discomfort.

**dps**  
driver presence sensor

### Additional benefits

- Designed to allow custom fitting of items such as barcode scanners, writing desk, document holders, cooling fan, computer terminal and picking labels
- Everything your operator needs to efficiently complete the order picking function
- Low noise levels for comfortable operation (66db)



# Ergonomics + Protection

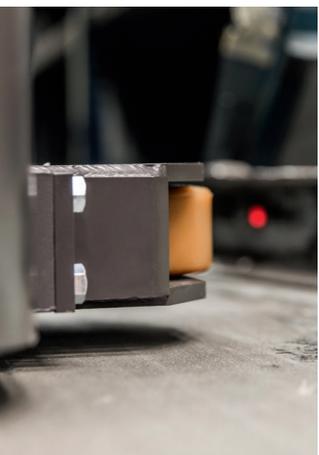
Operator protection is a UniCarriers priority and when it comes to order picking equipment, it is paramount:

- For the operator
- For pedestrians or by-standers in and around the working area
- For products and manufacturing equipment in the area



## = Productivity

Productivity is a direct result of ergonomics with operator protection. A comfortable order picking truck allows the operator to be productive. A robust and reliable machine allows the operator to optimize all of the truck performance benefits. Additionally, Ergo Picking trucks with front operator compartment gates allow access to custom-designed load carriers.

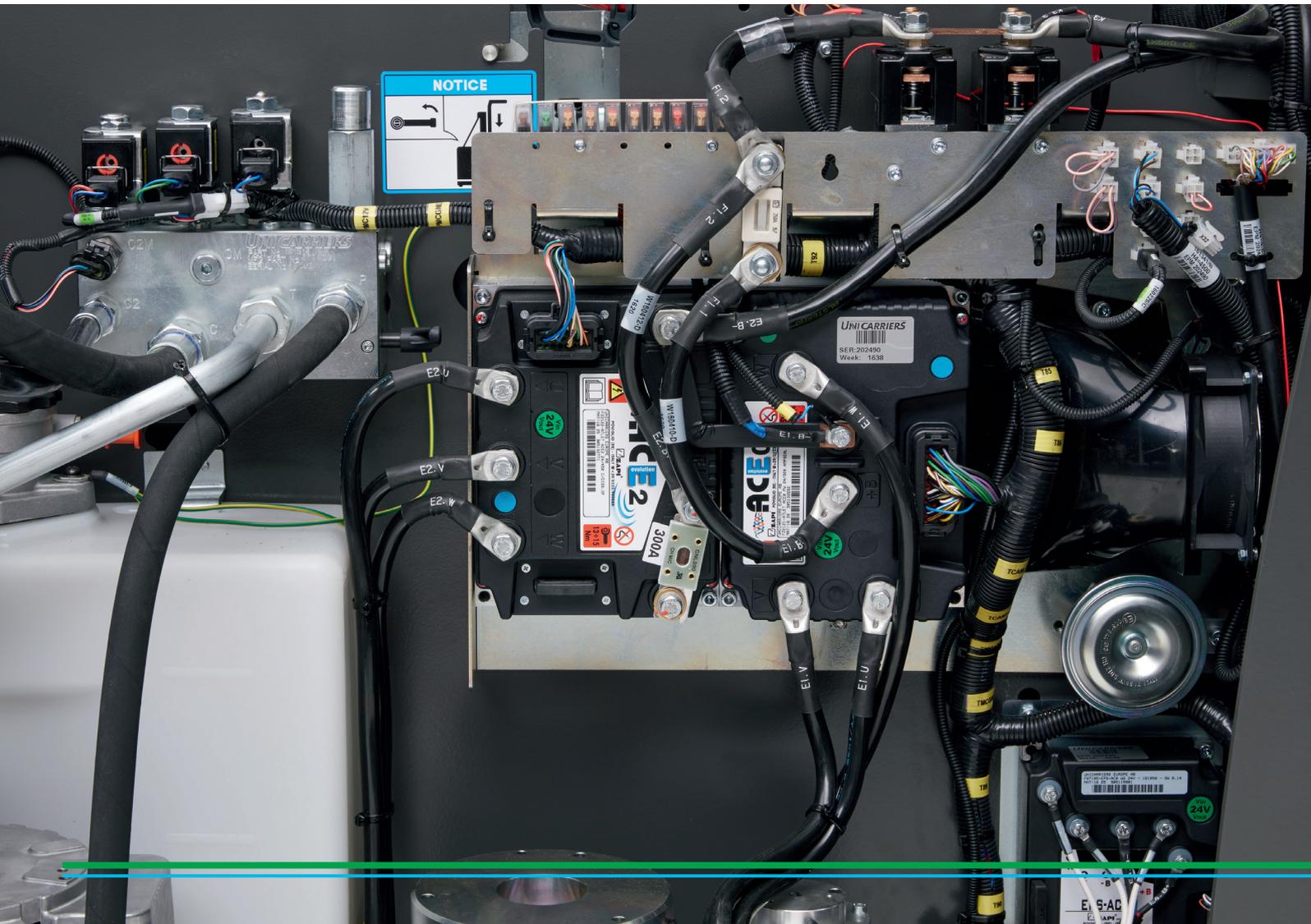


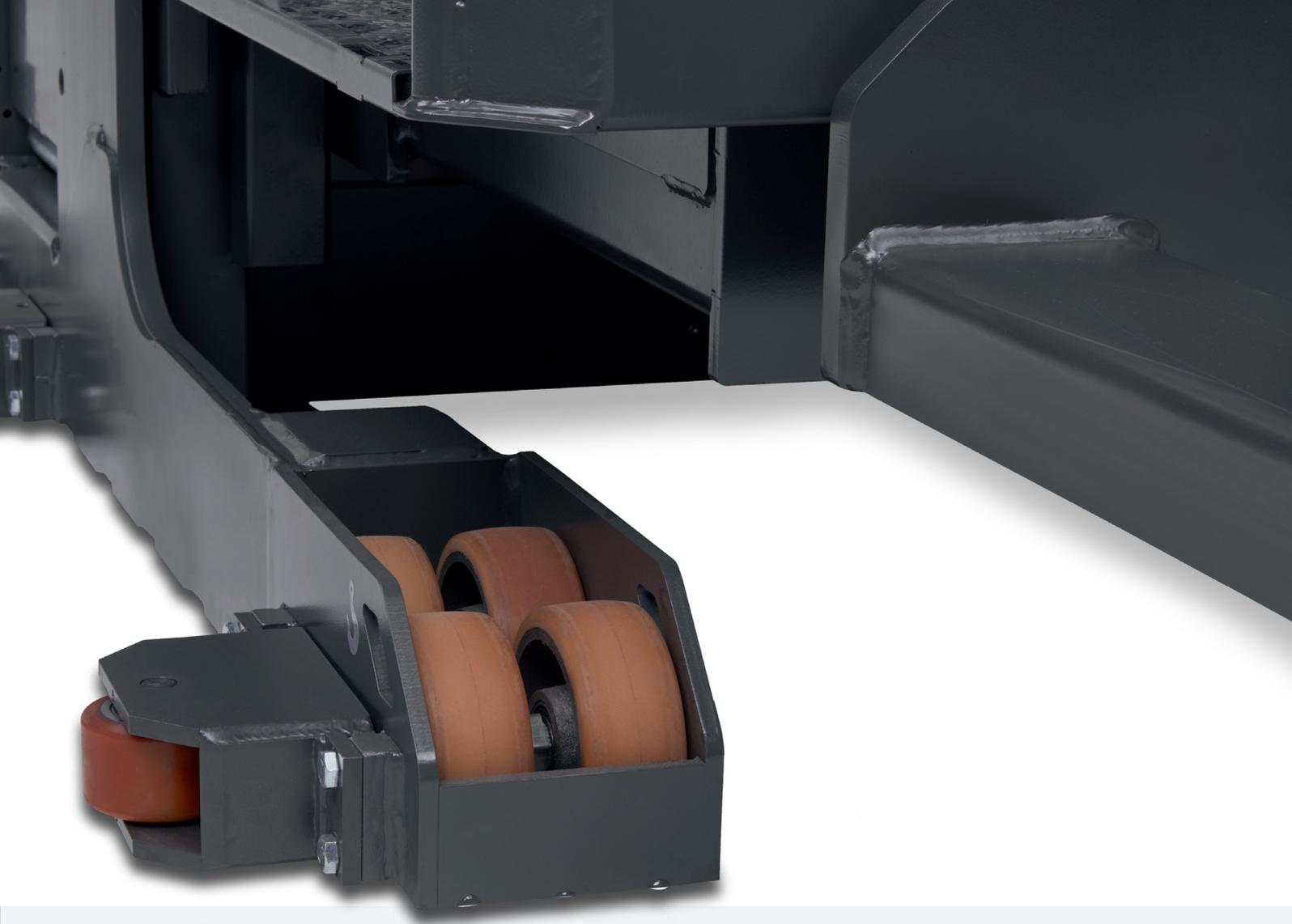
# Maneuverability

The ability to maneuver in confined areas allows full use of the available warehouse space. This ensures maximum storage capacity is realised. The ability to work in confined spaces with ease also means that skilled operators can be productive in virtually all areas of a distribution center.

Great visibility is fundamental to maneuverability. The smart ergonomic design of cabin and chassis helps to increase operator alertness and the ability to work in restricted areas with precision.

Great design includes controls that can be adjusted to fit virtually any operator. Custom fitting, excellent ergonomics and 360° visibility to lead high productivity and optimized performance.





# Reliability & uptime

Design and build-quality together provide equipment with excellent reliability and therefore high levels of uptime.

Exceptional design provides excellent visibility, for increasing uptime.

- Rugged mast
- Solid front bumper
- Strong cabin rails
- Sturdy gates
- PIN code access option helps to avoid damage from unauthorized users
- PIN code also allows driver settings to be optimized to each driver's individual skill level
- Truck computer provides technicians and engineers with diagnostic feedback information
- Quick and easy battery access helps to promote maintenance of battery life

## Modular design gives ...

- High commonality of parts
- High parts availability
- High engineer familiarity
- High levels of uptime

# High-level order picking

Order picking is the most time consuming and labor-intensive material handling activity. This remains true regardless of the storage height of the pick location.

There should be no compromise in performance or reliability. Order picking equipment should be designed to get the operator:

- As close to the pick location as possible
- As quickly as possible
- with premium protection

UniCarriers line of order pickers is complete with equipment designed to allow comfortable and time-efficient order picking with maximum levels of protection, and allows picking from floor level up to an impressive 12.1 meters. UniCarriers now offers two models with many different (modular designed) specifications. The **EPH** and the **EPM**. Both offer easy access for technicians and service engineers with high levels of uptime and extended time intervals between services.

## EPH

A 48 volt heavy-duty high-lift order picker with supreme capacity of 1250 kg. Designed to reach picking heights of 12.1 meters, previously unattainable with standard picking equipment. A fully-equipped and uncluttered operator cabin makes for the perfect work place for maximized productivity.



# at its best

## EPM

A 24 volt 1000 kg high-lift order picker. Designed to reach picking heights of 9.85 meters, this truck has many common features and parts as its big brother, the EPH. The same rugged design with identical operator cabins for optimized comfort, protection and productivity.



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 in this regard, but our main goal is to 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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