

# Low lifters

**AC**  
tech

8  
models



worldwide network

24/7  
support

PLL • PLE • PMR • PLP • ERGO ALL/XLL • MDW • MDE



A family of low lifter trucks for

# High demands on productivity





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.



Manage your pallet loads with power and ease. All the way – from the shop floor to heavy-duty industrial environments – there's an UniCarriers truck designed for your needs. You'll easily create a truck fleet that will safeguard your operations. And featuring advanced technology and ergonomics, our family of low lifters will get the job done in all conditions. What's more, smart modular design using fewer components maximises uptime and contributes to low life-cycle costs.



## Offset or centered tiller arm for safe operation

UniCarriers' ergonomically designed offset tiller arm on walkie trucks makes it possible for the operator to walk beside the truck. This gives full visibility over the fork and load, and it reduces the risk of foot injuries. All controls are at the operator's fingertips. Pallet trucks with centered tiller arm are available on MDW/MDE.



## Max uptime is in the DNA

Sharing many components, all UniCarriers trucks are modularly built on flexible technical platforms. This means fewer components are used, which contributes to 98% uptime for your operations. And by only having to deal with a limited number of components, our mobile service engineers can complete over 95% of all repairs on the first visit.

## Onboard truck management

The control panel at the tiller arm clearly displays information on battery status, hour meter, date, clock and warning messages. The ATC truck computer has built-in service functions to reduce downtime, but it is also easy to change performance settings based on the operator's skill and experience.





### **Powerful AC motor**

The energy-efficient AC motor ensures that the truck responds to the slightest command from the operator, while regenerative braking saves energy and provides good braking capability. This gives the operator total control of acceleration and braking, even on slopes.

### **Personal PIN-code settings**

The PIN-code-protected settings ensure that the operator has access to the right performance depending on driving skills, and they also prevent unauthorised use.

### **Friction Force technology for constant ground contact**

UniCarriers' patented linkage design ensures that all the wheels – and in particular the drive wheel – always have ground contact. The truck carries the load safely, even on bumpy surfaces and ramps. And despite the narrow chassis, this design also makes the truck laterally firm and stable.

### **The right truck for the job**

There's a wide selection of UniCarriers low lifter trucks, including for quick and safe internal transport and efficient pallet handling, for smooth loading/unloading on the loading bay, for light or heavy loads, short or long distances, and for walking, stand-on, stand-in or sit-on operations. There's a UniCarriers for any challenge!



# PLL

Ultra-compact for narrow spaces

UniCarriers PLL	PLL 180	PLL 200
Lift capacity, kg	1800	2000
Load centre, mm	600	600
Truck width, mm	660	660

## Ideal for confined areas

The narrow, nimble PLL has a strikingly tight turning circle and negotiates slopes and ramps with ease. This is the most compact pallet truck in the family and if there's room for a pallet, the PLL can easily reach it.

## Versatile efficiency

Nimble and versatile, the PLL is the perfect partner for a variety of material handling jobs: on the delivery truck, on the loading bay, on the production or warehouse floor. This is also a tough piece of machinery for practically all conditions, from ambient temperatures to chilly environments (with the option of cold storage capacity down to  $-35^{\circ}\text{C}$ ).

## Convenient and safe operation

The excellent visibility provided by a low, narrow chassis and the asymmetrically positioned tiller arm allows the operator to control the truck efficiently and safely. The operator can walk either behind or beside the truck to fit into the smallest and tightest spaces.

## Fewer services for more uptime

The reliable PLL has long service intervals and is built to minimise servicing and maintenance requirements – all to keep life-cycle costs at a minimum and your uptime at a maximum.

# PLE

## Flexible multitasking

UniCarriers PLE	PLE
Lift capacity/forks, kg	800
Lift capacity/total, kg	1800
Load centre, mm	600
Truck width, mm	660



### Personal PIN-code settings

The PIN-code settings ensure that each operator has his/her own personal parameters logged in and that no unauthorised operator has access to the truck.

### Two trucks in one

This compact pedestrian truck features dual functionality: a low lifter for heavy loads and an ergonomic lift function for picking. Perfect for shop floor restocking, order picking and short-distance internal transport, for example in smaller warehouses, supermarkets and production areas.

### Ergonomic tiller arm

The offset tiller arm with an integrated control panel adds to the operator's comfort and safety. Improved ergonomics and easy access to all data needed for operating the truck enhance both working conditions and productivity.

### Two pallets at a time

To ensure your operational efficiency, the PLE can even handle two pallets at a time – one on the forks and one on the straddles. This also contributes to a comfortable and ergonomic picking height and operation.

# PMR

Efficient and powerful lowlifter for demanding applications

UniCarriers PMR	PMR 200
Lift capacity, kg	2000
Load centre, mm	600
Truck width, mm	770



## Solutions for your needs

Fitting computers, scanners or other things are easy with an optional Equipment bar with RAM holders and 12V power supply.

## Traction and power

Friction Force is the solution to ensure high performance in any loading / unloading and high speed traveling application. Energy efficient AC drive motors with high power output provides high speed even with heavy loads for maximum productivity.

## Ergonomics for the driver

The foldable platform is casted for maximum strength and well dampened, which reassures perfect comfort for the driver. Easily foldable side protection bars comes as standard for increased drive speed and safety. Side- or rear entry protected driver platforms are available as optional. Power steering is optional which further enhances comfort.

## Battery change with ease

PMR comes with steel battery rollers as standard for quick and easy change of battery in multi-shift operations.





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# PLP

Quick, strong and safe to drive

UniCarriers PLP	PLP 200	PLP 250
Lift capacity, kg	2000	2500
Load centre, mm	600	600
Truck width, mm	770	770

## Smooth battery change

For efficient multi-shift operations, a quick battery-changing system is available as the battery bed on rollers comes as standard.

## Robust truck in two sizes

The PLP features a heavy-duty chassis with integrated bumper and comes in two different sizes to suit your requirements for battery capacity.

## Steady at all speeds

Perfect for even the most intense loading/unloading and transport operations, this quick and powerful stand-on pallet truck, with protective, foldable side bars and a rigid shock-absorbent platform, provides safety and premium stability even at high speeds.

## Low chassis for safety

The low chassis prevents foot injury and the compact design enables the truck to manoeuvre in tight spaces. The five-wheel design combined with Friction Force technology gives both high lateral stability and excellent traction. Power steering further enhances comfort and comes as standard on the PLP 250 (option on PLP 200).



# ERGO ALL

## Fast, compact and tough

UniCarriers ERGO	ALL 200	ALL 300
Lift capacity, kg	2000	3000
Load centre, mm	600	600
Truck width, mm	940	940

### Safety and ergonomics for productivity

The operator is fully enclosed in the truck for maximum safety. The operator's area is spacious with fully adjustable steering wheel height and right-hand armrest. Low step-up height into the vehicle and damped floor helps the operator to work efficiently for the whole shift.

### Stand-in versatility

This versatile heavy-duty stand-in transporter provides the operator with an ergonomic position with excellent all-round visibility – your perfect partner for long handling cycles and heavy goods flows. Compact design makes it ideal for confined spaces.



# ERGO XLL

## Comfortable and speedy

UniCarriers ERGO	XLL 200	XLL 300
Lift capacity, kg	2000	3000
Load centre, mm	600	600
Truck width, mm	1010	1010

### Sit-on comfort and efficiency

Designed for intensive heavy-duty operations, the Ergo XLL is a comfortable sit-on transport truck for all types of loads. UniCarriers' unique mini steering wheel with armrest reduces strain on the back, shoulders and neck. Fully adjustable armrest, seat and floor make it easy to find the perfect driving position.

### Optimised performance

Powered with a high performance AC drive motor, the high travel speed of the XLL – loaded or unloaded – ensures fast operation. The UniCarriers Stability Support System S3 ensures industry-leading safety performance by automatically controlling speed when manoeuvring.



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MDW/MDE

Exceptional performance...  
whatever the conditions





# MDW

Compact and robust with high lift height

UniCarriers MDW	MDW160	MDW180	MDW200
Lift capacity, kg	1600	1800	2000
Load centre, mm	600	600	600
Truck width, mm	720	720	720



# MDE

Versatile and ergonomic

UniCarriers MDE	MDE200
Lift capacity, kg	2000/700
Load centre, mm	600
Truck width, mm	720





## Top features

- Sealed chassis offers protection against dirt, dust and other particles to reduce wear.
- The robust construction offers durability in all working conditions including outdoor operation.
- Oil-filled, sealed transmission is shock-resistant, quiet and requires little maintenance.
- High-efficiency electronic system features waterproof components for maximum reliability – even in damp conditions.
- Robust forks with welded construction, and rounded tips for effortless pallet entry, providing extra strength and durability.
- Market leading lift height of 220 mm from floor (lift moment 135 mm) allows easy handling on steep ramps and loading docks, even with damaged pallets.
- High stability is ensured by use of two linked castor wheels – next to the central drive wheel – in addition to the two load wheels.
- Versatile battery compartment accommodates DIN and BS size batteries with a variety of capacities for maximum compatibility with user's equipment and needs.
- Choice of two performance modes via key switch enhances safety, energy efficiency and productivity.

## Options

- Choice of drive and load wheels for different applications
- Pallet entry and exit rollers
- Wide variety of fork dimensions
- Cold store modification (class III, -35°C)
- Load backrest
- LED working light (MDW and MDE)
- Multifunctional display with hour meter
- Equipment bar for mounting accessories
- Single load wheels (standard on MDW160)

Rapid and/or double battery change device (MDW180 and MDW200)



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.

### **UNICARRIERS CORPORATION**

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