



Reach Trucks
48 Volt AC-Powered
1400 - 2500 kg Capacities

UND | UMS | UHD | UHX Series

Designed to meet the highest of standards: Yours



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 design of a UniCarriers truck always starts on the warehouse floor, with the focus on the operators and the operation. We've also realized that technology designed around human needs makes people more productive and helps to increase morale in the workplace. Our mission for our generation of reach trucks was clear and simple: Build the world's most personal truck. Truck operator and logistics managers were interviewed across the world. Scientific studies on ergonomics and its impact on operators were conducted. Together with our customers, truck prototypes were tested and fine-tuned in some of the toughest real-life conditions. During all stages of product development, one question has been the focus: "How can the truck be made to be more personal?" Design, technology, performance, service and financing – all created to fulfill the needs and wants of the world's most demanding truck users. We are proud to present what we believe is the world's most personal reach truck range: designed to meet the highest standards – your standards.

It's not about the machine ...

The ProVision mast system, the angled overhead protection bars and pillars, are optimized for excellent all-round vision and productivity.

Mast Tilt Control, MTC

For quicker stacking and retrieval of product, MTC reduces mast oscillation by up to 80% on trucks with Mast Tilt.

Stability Support System (S3) – Soft Motion

S3 incorporates several features including Dynamic Cornering Control. Soft Motion – continuously controls the mast reach, tilt and sideshift speed. This technology helps to improve handling speed and load stability at all lift heights.



The option of having a maximum travel speed of 14.5 km/h makes this a very fast and productive reach truck. To suit each operator's driving skills, the truck performance can be individually set in the ATC truck computer. Optional PIN code entry allows authorized use only.

Automotive-style pedal design

To enhance driving intuitiveness, the pedals follow the same logic as in a car – acceleration on the right and braking in the middle. The safety switch to the left is easily and conveniently operated with minimum effort. When the truck sits idle, the parking brake is automatically activated.

Easy-entry step-up

The separate footstep provides a low, comfortable instep (390 mm). This, together with the specially designed step-up handle, makes it easy to get in and out of the truck.



Spacious cabin

A generous roof height and spacious cabin add to the operator's overall comfort.

Narrow tilting backrest

Our specially designed narrow backrest helps the operator to turn easily towards the driving direction, helping to reduce strain on the neck. In addition, the 18 degree tilting backrest within the cabin helps to enhance ergonomics while stacking. (not available on UND models)

Mini steering wheel

Productivity gains and less strain are facilitated by the steering wheel position and a supporting floating armrest, which allows for more body movements while helping to reduce neck strain. This is the result of extensive scientific studies that led to proven world-class ergonomics.

Adjustable floor

At the touch of a button, the operator can raise or lower the floor by up to 70 mm – for a comfortable driving position. (not available on UND models)

Durable wheel

Unique drive wheel design with large diameter for greater durability. All maintenance is simple and efficient due to easy access to all major components.

Quiet mast

High-precision mast design, efficient damping of mast movements and soft stop technology contribute to very low mast noise levels.

It's about You

10% upwards

Approximately 10% of the time, operators have the forks lifted at heights that require them to look up. Our tilting seat helps to increase comfort when performing these tasks.

2000 arm movements/hour

In one hour, the operator's left arm moves up to 2000 times.

Thanks to our ProVision mast concept, the operator has excellent all-around visibility helping to ensure proper handling.

20% in forks-first direction

Operators travel approximately 20% of the time in the forks-first direction.

74% steering

During normal operation, the driver's left arm is moving in order to steer the truck approximately 74% of the time.

Intuitive foot movement

To control speed and brake, the operator uses the right foot intuitively and effortlessly.

1000 head turns/hour

The operator turns their head more than 1000 times per hour.

Ergonomic shoulder position

Putting the operator's left shoulder towards the backrest, UniCarriers' mini steering wheel makes it easier for the operator to move their body in the direction of travel.

75% seat contact

75% of the operator's body contact with the truck is through the seat – this is why the seat is so important in ensuring that the operator is comfortable and efficient throughout the shift.

70% forward

Most of the travel time is spent travelling forward. Our mini steering wheel allows for a relaxed, intuitive body position.

Helping to relieve pressure on the neck, back, shoulder and elbow, the floating armrest and the mini steering wheel help to provide a relaxed posture.

Easy step

During a shift, the operator may enter and exit the truck numerous times. Our easy entry/exit design makes this process effortless.



People-centric technology leads to a happier and more productive workforce. That's why our new generation of UniCarriers TERGO® reach trucks adapt so easily to the individual operator. Imagine the prospect of a reach truck that's 100% dedicated to your material handling needs – how would that benefit your business? The new UniCarriers TERGO® – the world's most personal reach truck.



Innovative technology for your productivity

Ergonomic mini steering wheel

Scientific studies show that the operator may change steering wheel direction up to 2000 times per hour. The mini steering wheel with floating armrest is a unique UniCarriers innovation that helps to provide sustainable comfort during long shifts for optimized productivity and control.

Multi-adaptable comfort

To keep the operator focused during their shift, the seat, floor, armrest and controls can be personally adjusted to fit the size of virtually any operator. In total, nine different parameters can be adjusted. (UND seven different adjustments).

Tilting seat with unique Ergo back rest

State-of-the-art seat, including an 18° tilt function for the UMS, UHD and UHX models, helps to increase comfort and productivity when handling loads at higher levels. The tilting seat backrest conveniently adapts to the weight of the operator for maximum comfort. The narrow Ergo backrest also helps operators to turn their torso in the direction of travel, thus helping to reduce repetitive strain and discomfort.



Hands-free direction control

By using the accelerator pedal to change travel directions, the operator can focus on their right hand to control up to three hydraulic functions simultaneously.

Dynamic Cornering Control, DCC

With UniCarriers DCC, truck performance is greatly improved. The DCC automatically reduces the truck's travel speed when cornering for improved load stability. This is especially advantageous for situations in which the operator may be required to react quickly.

Ergologic – Multifunction control

Intuitively designed for comfort and simultaneous operation, our Ergologic multifunction control allows for optimized performance while helping to minimize fatigue.

Personal PIN code settings

TERGO® performance can be set to suit individual operators based on skill level and/or application requirements. The user ID settings are connected to 350 personal PIN codes. Every operator can optimize the truck performance to best suit their needs or preferences.

The interface instrument layout and fingertip control panel are strategically positioned and angled towards the operator to optimize overview and control. All important operator information, activated functions and safety indicators are clearly displayed.

Mast Tilt Control, MTC

Tergo reach trucks equipped with Mast Tilt Control, experience excellent mast stability for quick pallet handling, contributing to improved stacking performance and productivity.

S3 S3 Stability Support System

UniCarrier's S3 system helps to increase operator confidence with its reliable performance. In order to maintain driving stability in a wide range of situations, the S3 technology contains several functions, including Dynamic Cornering Control. When handling loads at high lift heights, the Soft Motion system adapts the mast tilt, reach and sideshift speed to help optimize stability and productivity.

OnBoard Diagnostics Technology

The UniCarriers TERGO® truck range features a unique UniCarriers computer system with CAN-bus technology, which allows technicians and service engineers to easily and quickly run diagnostics on the truck, and return it back to operation in the shortest possible time.

Modular Design Concept

All UniCarriers trucks are designed according to UniCarriers' unique Modular Design Concept, which improves quality and helps to consolidate parts used. Our mobile service engineers can therefore carry less spare parts, which helps achieve a First Time Fix Rate (FTFR) of more than 98%.



UND

TERGO®	UND 140
Lift capacity, kg	1400
Load center, mm	600
Truck width, mm	1120



Intuitive information

Truck status, hours, battery charge and much more are clearly displayed and easy to read.

Based on a narrow chassis but designed for excellent lift heights and lifting performance. If equipped with optional wheels for rail guidance, together with overhead guard, these trucks are also suitable for narrow, deep stacking. UND is the perfect combination for medium-duty, intense applications.

Ergologic

Further enhancing efficiency and ergonomics, this unique multi-functional joystick activates seven different functions, including lifting, lowering, reach/retract and tilting with one grip using the same control. Ergonomic of course, and very logical.



Modular design

Like all UniCarriers trucks, the ULS and UND are modularly built to maximise uptime and ensure low life-cycle costs.

TERGO®

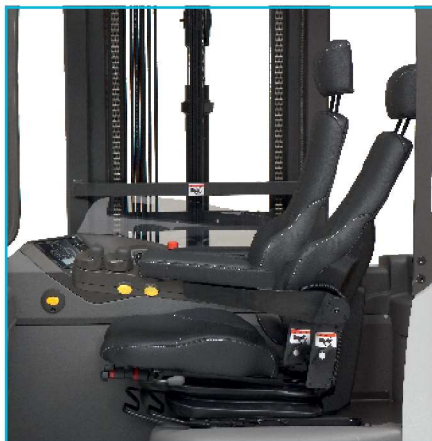
UMS

The world's most personal reach truck is also the most open-minded

The UniCarriers TERGO® UMS is the universal reach truck with a capital U. It's designed to perform virtually any material handling task in your warehouse. Internal transport and stacking, with a lift capacity up to 2000 kg – the UMS performs effortlessly in your operation. The optional 14.5 km/h performance package makes this a very productive and efficient material handling solution, 24/7. Always right, always yours.

Adjustable floor

Electrically adjustable floor height makes it easy to find the perfect driving position for virtually any operator.



Mini steering wheel

The mini steering wheel and floating armrest helps to promote a relaxed, comfortable driving posture.



The tilting seat, adaptable to the operator's weight, facilitates high-level load handling.



TERGO®	UMS 160	UMS 200
	1600	2000
	600	600
	1270	1270/1397



ProVision concept

The hydraulic components of TERGO®'s ProVision masts are neatly integrated into the mast design so as not to obscure the operator's vision. Support bars are also designed to ensure clear vision.



Mast tilt with MTC

A tilting mast makes it easy to control loads up to ten meters, especially in narrow aisles. Mast Tilt Control, MTC, (standard on select models) automatically absorb potential mast oscillations by up to 80%, contributing to quicker handling and confident operation.



Easily accessible battery

The battery is easily accessible without the operator having to leave the truck, simply by connecting the battery tray to the hydraulic reach-out system.

TERGO®

UHD



**The tougher it gets,
the more muscle you need**

TERGO®	UHD 160	UHD 200	UHD 250
Lift capacity, kg	1600	2000	2500
Load center, mm	600	600	600
Truck width, mm	1270/1397	1270/1397	1397

The toughest operations leave no room for compromise. Just like the UniCarriers TERGO® UHD reach truck. Everything is designed to meet your highest demands in virtually any condition; from the robust chassis and the high precision mast to truck performance and operational reliability. Handling loads of up to 2500 kg in almost any environment, including cold stores, world-class ergonomics and the unique UniCarriers modular design ensure service friendly-technology to further contribute to 24/7 performance and low cost of ownership.

Robust chassis

UniCarriers' TERGO® range is designed with a robust chassis and high quality components, exceeding the demands of multi-shift operations.



Durable drive wheel

Unique tread design and larger diameter for increased grip and durability. Easy access for quick and efficient changes, helps to reduce costs and maximize uptime.

UHX

Reaching for new heights – in a warehouse near you

TERGO®	UHX 200
Lift capacity, kg	2000
Load center, mm	600
Truck width, mm	1397



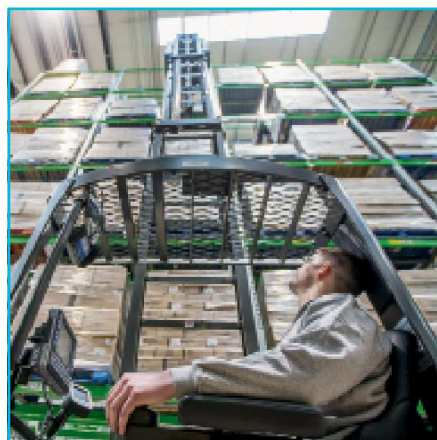
High-level vision

Designed for optimum visibility, the overhead guard bars and side pillars are painted in a non-reflective dark color and angled to maximize all-round views.



More than twelve meters

Supreme performance and stable mast design allows stable load lifting of more than twelve meters.



It takes something special to reach the highest levels. Or to be precise: the TERGO® UHX. With its high-lifting capacity, the UHX is an extremely capable machine for the most demanding high-rack warehousing. A sturdy chassis design and supreme stability contribute to outstanding efficiency. This is performance, ergonomics and reliability without compromise – equipped for your productivity.



1. Fingertip controls

Traditional fingertip controls are optionally available. The controls are easily reachable, and the comfortable palm rest also includes a built-in grip.

2. Battery change technology

Battery access and inspection are easily achieved without the operator having to leave the truck. Optional steel rollers allow the battery change to be carried out from both sides of the truck. For more intensive operations, the “fast-track powerbed” system with motor powered steel rollers makes it possible to change the battery in one minute.

3. High performance

The UniCarriers TERGO® optional performance package enhances top speed by 16% – from standard 12.5 km/h to 14.5 km/h.



4. 360° steering

If you prefer the 360° steering system, the TERGO® has this optional feature available as well. By using the personal PIN code, the 180/360° steering functionality is your individual choice.

5. Mini steering wheel

If you prefer the Mini steering wheel, it is designed to fit perfectly in your left hand. Positional adjustability of the wheel combined with the tilt function provides maximum flexibility.

6. Writing desk

Conveniently mounted to the equipment bar, the writing desk (clip-board) brings order to the mobile, on-board office.



7. Equipment bar

We offer several other equipment options that can be mounted to the equipment bar, such as an adjustable RAM holder in different lengths for computer keyboards, or display and scanners that can be placed not only on the equipment bar, but also on the instep handle.

8. 12 V power outlet

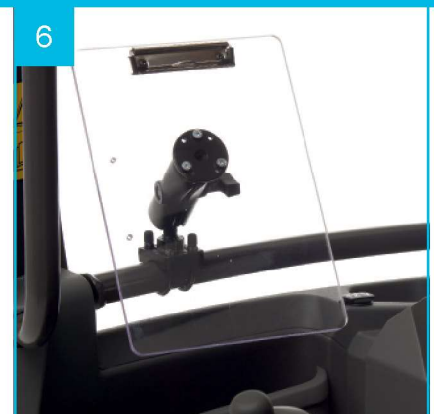
Power outlet for extra equipment or just for charging your mobile device.

9. Weight indicator

The display has a load weight indicator to help keep the operator informed of how much weight is being lifted / transported.

10. Blue Lamp

The Blue Lamp is located on the overhead guard and provides a sharp blue spot on the floor, approx. 4-6 meters in front of the truck, to warn pedestrians and other truck drivers in the vicinity.



How personal do you want to be?

We designed the world's most personal reach trucks to help the operator perform at their best. To make your UniCarriers TERGO® even more you, there's a wide range of specially designed options and accessories. Regardless of your operational needs, there's a UniCarriers reach truck that's 100% you.

11. Load wheel brakes

Braking with all three wheels helps to improve stopping, especially on floors with low friction, such as cold stores. Load wheel brakes are standard on the UHD 250.

12. Video camera and monitor

Improve handling efficiency with our high-quality camera and video monitor. The monitor is mounted in the overhead guard and the camera is mounted to the fork as standard.

13. Level Assistance System, LAS

The unique LAS intuitively and automatically finds the desired storage level. This helps to provide significant improvements in handling efficiencies and overall productivity.

14. Active Spin Reduction, ASR

With ASR on your TERGO® reach truck, operators are more confident in their control of the machine and drive wheel wear is also reduced, which helps to provide additional cost savings to the customer.

15. Cold store design (-35°C)

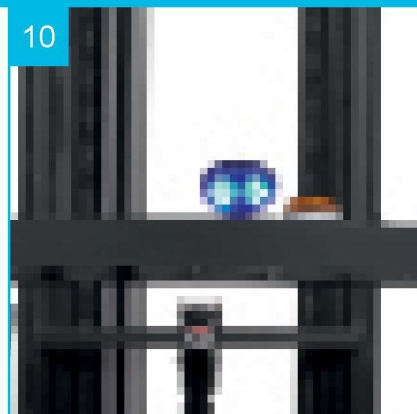
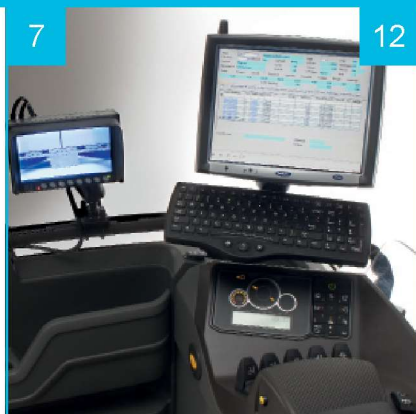
Cold store design includes a wide range of modifications for durability, reliability, operational flexibility and maximum uptime in these conditions.

16. Cold store cabin

The TERGO® cold store cabin is designed to maintain operators comfortable from harsh exterior temperatures. The wide, clear entry, spacious cabin, and large windows in the sides and in the overhead guard, together with an efficient ventilator and heater, help to ensure a climate controlled by the operator that helps to promote optimal performance and productivity throughout their shift.

17. Heated seat

Adding to that comfort, a stepless thermostat-regulated electric heating system is available for the seating and backrest. Choose between a fabric and PVC covered seat, depending on your environment.



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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