

Man-Up VNA

	24/7 service
 World-wide Network	Combi trucks man-up
EK	



High performance in narrow aisles

Compact, powerful, manoeuvrable, easy to operate and above all adaptable to specific customer requirements.

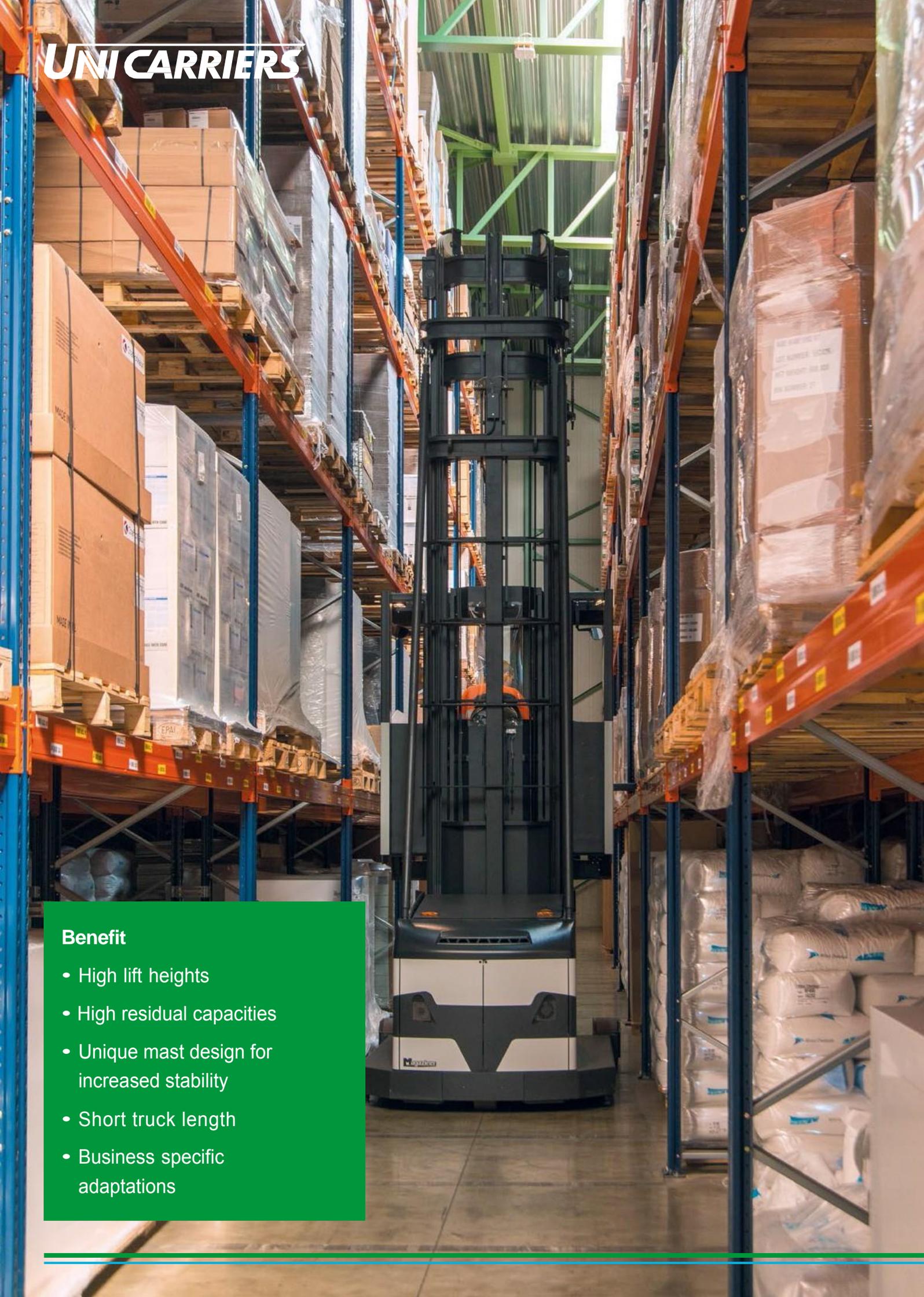
The solution for all your full pallet and order picking requirements in VNA applications. The operator has a perfect view of the load and surroundings at all times. Thanks to a clever design and modular construction, the EK Series is suitable for all kinds of VNA applications.



In addition to our existing model range, UniCarriers supplies a series of man-up VNA trucks with capacities from 1100kg up to 2000kg.



UNICARRIERS



Benefit

- High lift heights
- High residual capacities
- Unique mast design for increased stability
- Short truck length
- Business specific adaptations

Customer specific application

Incorporating a modular design and construction, the EK Series offers a variety of features and adjustments so that each machine can be tailored to your logistical needs. These aren't just small technical changes or variations in performance, ergonomics or operational parameters; sometimes an application can require a completely new design.

UniCarriers works closely with its customers and this forms the basis of the customised machines; from the design as well as the after sales service and support.



EK

Model	EK1100	EK1200	EK1300	EK1350	EK1500	EK1500XL	EK2000
Lifting capacity (kg)	1100	1200	1300	1350	1500	1500	2000
Max lifting height (mm)	9000	10000	10000	12000	15000	17400	15000
Volt	48/80	48/80	48/80	80	80	80	80

The EK Series consists of 7 high performance models that make optimal use of space with a minimum chassis width of just 1000mm and maximum lifting height of over 17 metres. Each model, from the compact EK 1100 to the heavy lifting EK 2000, is optimised to meet the specific application requirements. The truck provides outstanding performance, an ergonomic spacious cab and minimum maintenance costs.



A “clearview” mast design provides the operator with a broad view of the load and the aisle.

Features:

- Innovative mast shape gives class leading residual capacities
- Two stage masts - highest in class



EK-series is designed to:

The high quality equipment available to the EK Series can be tailored to suit your needs. Short, long, wide or narrow chassis are available and the truck is built to meet specific requirements, enabling optimal performance and use of space.

Options:

Fold away, air suspension or heated seats available



Multiple control options available



UniCarriers Vehicle and Operator Management (VOM) system



Ready for semi and fully automated operation



Intuitive control panel with colour LCD display

Picking options include lean-out side gates, split controls and unique tilting controls



Wire or rail guidance

Magnet or RFID slow down and zone recognition systems

Cold store cabin available with double glazed heated glass

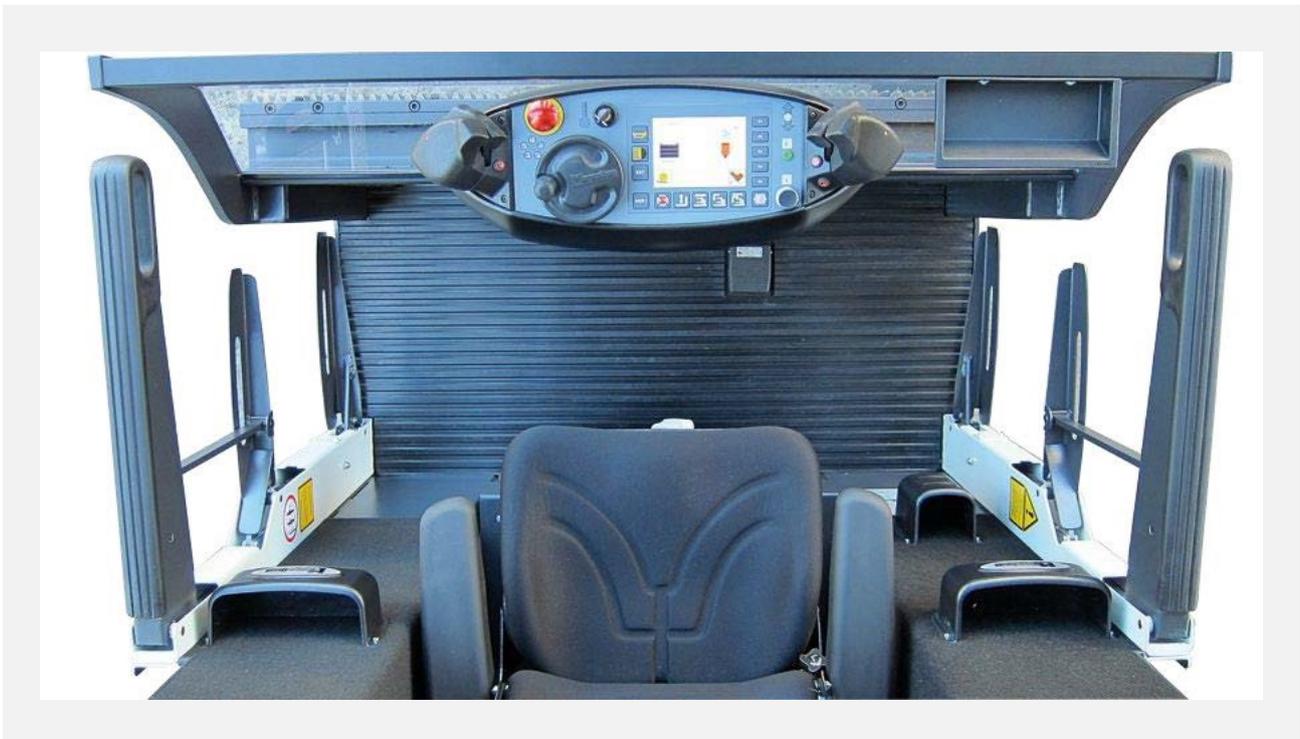


Respond to any application



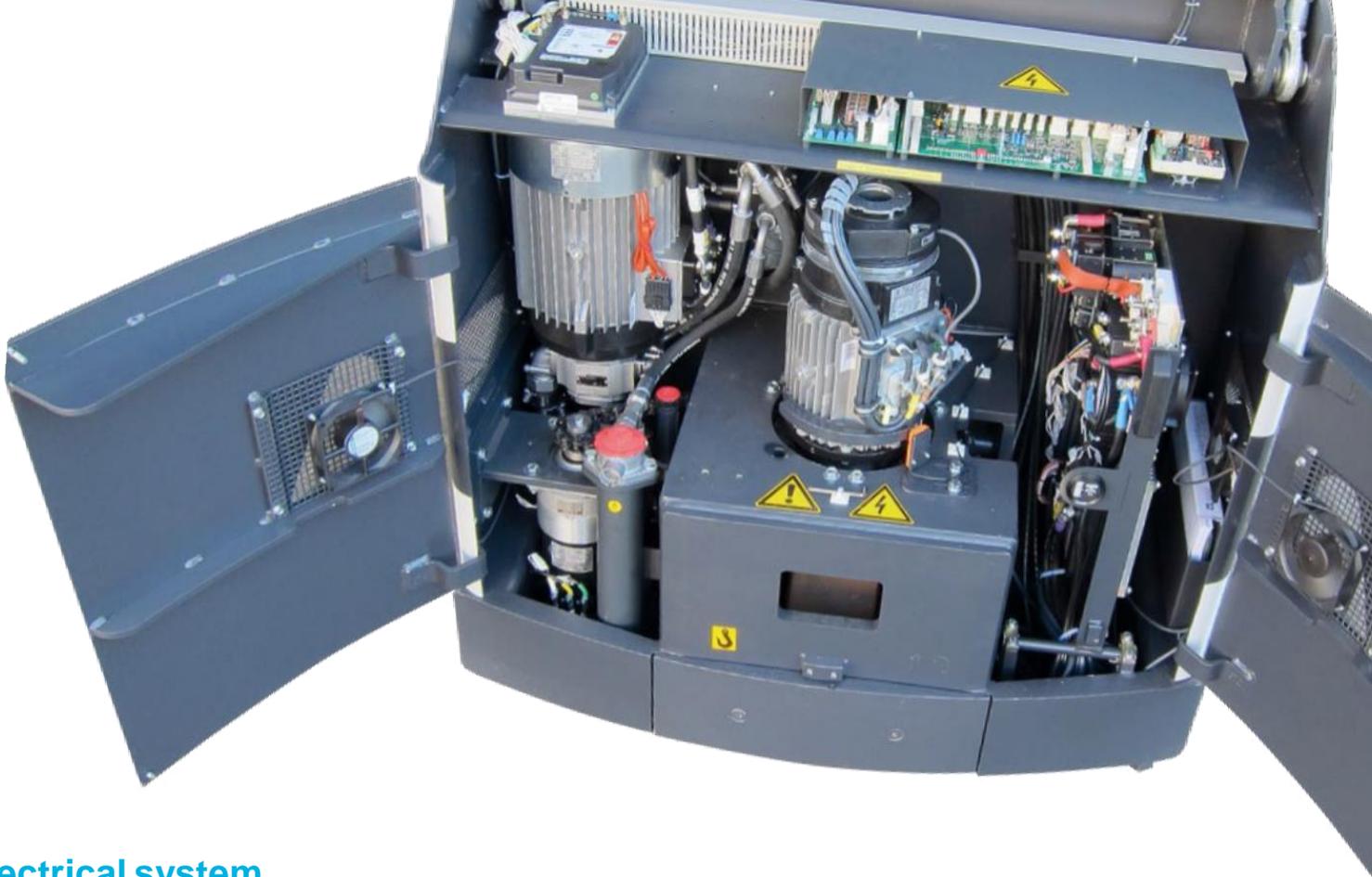
Operator safety & comfort

The driver feels safe and secure in an enclosed, ergonomically designed cab which offers the freedom to work unhindered. The multifunctional control panel can be operated from a sitting or standing position and features a clearly laid out display. Easy access with wide entry gates and a broad range of options increase the machine's functionality and comfort. A smooth drive combined with the unique mast design and extreme stability of the vehicle provide the operator with a sense of security while allowing optimised drive speeds for the given floor surface.



Optimal weight distribution

As the vehicle's centre of gravity is low to the ground, the overall stability is improved. The EK Series exceeds industry standards for static and dynamic lean, affording increased safety without compromising operational efficiency. A "clear-view" mast design provides the operator with a broad view of the load and the aisle. Highly accurate control along with the compact chassis mean that the machine is easy to manoeuvre outside of the aisles. Excellent visibility and the small turning radius reduce the risk of accidents and damage, thereby improving safety.



Electrical system

Optimal protection and accessibility

All combi-trucks in the EK series are supplied with AC motors, the EK1100, 1200 and 1300 are available as both 48V and 80V models, the EK1350, 1500, 1500XL and 2000 models are all 80V. Minimum energy consumption and a long service life are very important; the battery compartment is easily accessed for checks and changeover. The EK-series uses the latest technology; the stable chassis ensures optimum energy use and maximum operational cycles, allowing the trucks to work extended hours on each battery change or operate with smaller batteries.

Features

- 4th generation AC-drive, 40% less heat
- Microcontroller with SST technology
- Fast service diagnostics
- Internal components are protected behind strong metal doors to the electric compartment
- Online support
- Wi-Fi prepared

The Price
But what
price?

Reduce your Total Operational Costs with UniCarriers.

We agree. The price is decisive, or to be more specific: your Total Operational Costs.

The truck and its performance play an important role, the difference is in the advice and the support received in order to optimise your logistics operations so that you get the best value for money.

That is – in the long term – what makes a winner.