

Electric counterbalance trucks

1.4 – 5.5 t

24/7 support



worldwide network

AC
tech

MXS3 • MXS4 • MX2 • MXL



Li-ION

UNI CARRIERS

Secure your operations from order to delivery with

UniCarriers electric counterbalance trucks





Your truck is important. Its operation is most important of all.

That is why UniCarriers 360° is a complete solution for your business, covering service, fleet information, health & safety, training, tools, equipment and financing.

We know how to optimise your operation.

The MX series is extremely productive through its power and agility, whilst easy and comfortable to use in demanding applications through the best-in-class ergonomics. Our trucks working both inside and outside, help to reduce emissions and maintenance costs whilst boosting performance and efficiency. These multifunctional problem-solvers range from 1.4 to 5.5 tonnes and include innovative features to meet the highest demands on efficiency, and durability. All electric, higher capacity models offer low noise levels and low energy consumption – both better for the environment and your business.

MXS3

**The right performer
in tight spaces**

3-wheel counterbalance truck



Lift capacity

1400/1600/1800/2000 kg

Lift height

up to 7 metres



MXS4

**Your tough
all-surface partner**

4-wheel counterbalance truck



Lift capacity

1600/1800/2000 kg

Lift height

up to 7 metres



MX2

**Effortless ease
... total control**

4-wheel counterbalance truck



Lift capacity

2500/3000/3500 kg

Lift height

up to 7 metres



MXL

**Handle heavy loads with less energy
consumption and zero emissions**

4-wheel counterbalance truck



Lift capacity

4000/4500/5000/5500 kg

Lift height

up to 7 metres



MXS Series Applications

With dependable performance, durability and adaptability – backed by excellent customer service – the MXS series offers agility and productivity in tight spaces. Due to their compact design, amazing manoeuvrability and intelligent control systems, they are ideal for intensive industries such as:

- Food and beverage manufacturing and wholesale
- Fishing and fish processing
- Chemicals, textiles and rubber
- General and refrigerated warehousing and storage
- Machinery and heavy equipment
- Electric equipment and components

Features



Reduce Downtime with Self-Diagnostics

To maximize uptime and maintain the performance levels of these durable trucks, we build easy servicing into their design. Integrated on-board diagnostics provide immediate truck status. Its intuitive and easy-to-read multi-function colour display combined with accessible service history reduce troubleshooting time, so the unit is back in operation faster. Everything can be accessed via a smart LCD panel or laptop.



Convenience at Your Fingertips

Optional touch sensitive fingertip controls are spring-loaded for a natural feeling and is gentle to the touch. Ergonomic controls include an adjustable armrest when selecting the optional fingertip controls. Interesting advances include a synchronization system for the steering knob, which automatically returns it to the correct 8 o'clock position whenever the truck straightens up – even if the wheel has been forced beyond its end stop.



Electromagnetic Brakes

Fully electronic magnetic brakes require less servicing and offer greater energy efficiency. The electromagnetic parking brake as standard does not require hand levers to release the brakes, helping to reduce maintenance costs and total cost of ownership.



High handling efficiency, dependable performance, amazing adaptability

The MXS3 and MXS4 are characterized by their compact and robust design, excellent manoeuvrability and intelligent control systems. This makes them ideal for dynamic handling tasks in demanding, confined environments.

Spacious operator compartment

offers comfort and easy access features for drivers of all sizes.

Agile manoeuvrability

Latest steering technology maximises agility and productivity in tight spaces.

S3 - Stability Support System

adapts rapidly in reaction to pedal operation, and ensures all movements are smooth.

Advanced Dynamic Cornering Control

enables drivers to achieve the fastest safe cornering speed, in every situation.



Tuned in to the driver

Intelligent control systems automatically adapt truck behaviour to the driver's wishes and needs.

High-vision design

with inclined and narrow dashboard, one-spoke steering wheel and optimised free lift cylinder structure.

Control and comfort

Safety features, ergonomic controls and comfortable working conditions enhance driver confidence.

Easy-to-read multi-function colour display

encourages correct use and maintenance through truck diagnostics.

Advanced hydraulics

Automatic aids keep load handling safe, steady and precisely controlled, whatever the lift height or load.

360° steering

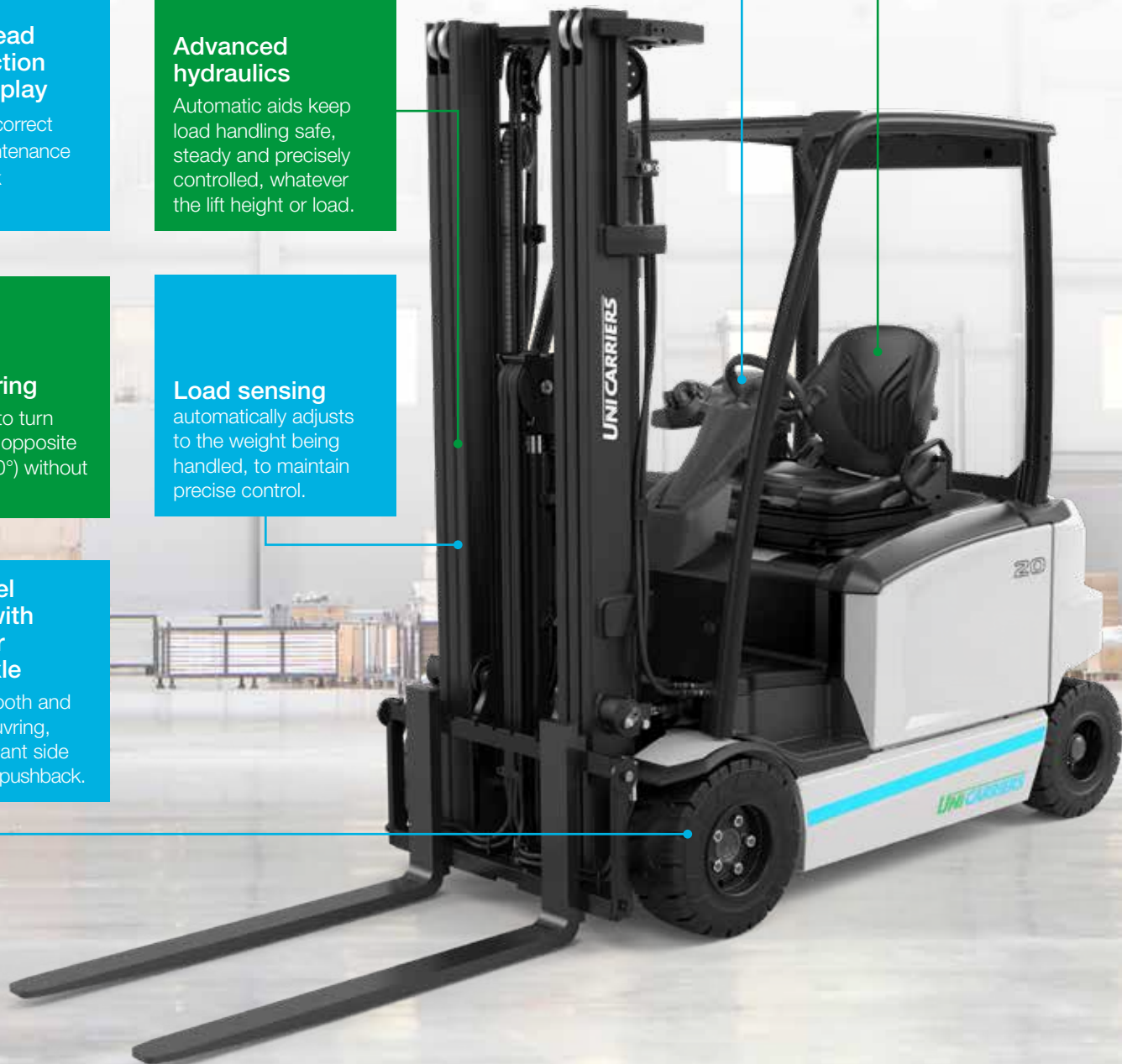
allows truck to turn and face the opposite direction (180°) without stopping.

Load sensing

automatically adjusts to the weight being handled, to maintain precise control.

Four-wheel steering with +100° rear turning axle

provides smooth and agile manoeuvring, including instant side turns with no pushback.





Li-ION

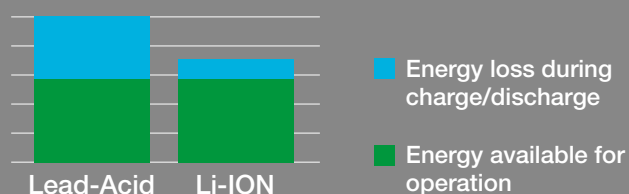
MXS3

Model	MXS3-14	MXS3-16	MXS3-18	MXS3-16L	MXS3-18L	MXS3-20L
Lift capacity, kg	1400	1600	1800	1600	1800	2000
Load centre, mm	500	500	500	500	500	500
Truck width, mm	1090	1090	1090	1090	1090	1140
Turning radius, mm	1502	1502	1502	1610	1610	1610
Overhead guard height, mm	2050	2050	2050	2050	2050	2050
Battery (std), V/Ah	500-625	500-625	500-625	625-750	625-750	625-750
Length to fork face, mm	1846	1846	1846	1954	1954	1969

Now available with Li-ION technology

The MXS series is now available to order with a Li-ION battery, the latest in forklift battery technology. With completely maintenance- and emission-free Li-ION batteries, there are no limits. These batteries offer lower energy consumption, higher utilisation and flexible charging, anytime and anywhere – meaning there's no need for time-consuming battery changeovers or dedicated charging areas. Just connect the truck to the charger and top up the battery when you get an opportunity, then disconnect it when it's time to get back to work. For further information on Li-ION technology visit: unicarriers.europa.com/uk/lithium-ion-battery-solutions

Energy consumption from mains power source



Powerful and efficient

Handling efficiency is not just about performance. Ergonomics, visibility and operability also play a major role. Drivers who are assisted by our industry leading safety performance systems will increase productivity and reduce handling costs.

Excellent Ergonomics

One of the most important concerns of ergonomic design is to ensure the operator's well-being. Our trucks are designed to make no compromises in the pursuit of this goal. Your drivers and your entire operation will benefit from our comfort and productivity features.

MXS4



Li-ION

Model	MXS4-16	MXS4-18	MXS4-16L	MXS4-18L	MXS4-20L
Lift capacity, kg	1600	1600	1600	1800	2000
Load centre, mm	500	500	500	500	500
Truck width, mm	1090	1090	1090	1090	1140
Turning radius, mm	1662	1662	1770	1770	1770
Overhead guard height, mm	2050	2050	2050	2050	2050
Battery (std), V/Ah	500-625	500-625	625-750	625-750	625-750
Length to fork face, mm	2002	2002	2110	2110	2125

Agile and manoeuvrable

With compact design, amazing manoeuvrability and intelligent control systems, the MXS3 and MXS4 are ideal for handling tasks in cramped, fast-paced environments.

Comfortable and driver-oriented

Advanced safety features, ergonomic controls and comfortable working conditions enhance driver confidence, performance and satisfaction. Thanks to our ProVision concept the driver has excellent vision in all directions, ensuring safe handling.

MXS Series Overview: 11 models variation

Type	Model	Battery voltage/capacity at 5-hour discharge	Load capacity on forks @500mm LC (kg)			
			1,400	1,600	1,800	2,000
3-wheel	MXS3-14	500-625	●			
	MXS3-16	500-625		●		
	MXS3-18	500-625			●	
	MXS3-16L	625-750		●		
	MXS3-18L	625-750			●	
	MXS3-20L	625-750				●
4-wheel	MXS4-16	500-625		●		
	MXS4-18	500-625		●		
	MXS4-16L	625-750		●		
	MXS4-18L	625-750			●	
	MXS4-20L	625-750				●



Options

- Automatic travel and tilt speed reduction
- Ergonomic operator presence pedal
- Dual joystick
- Automatic tilt centering
- Integrated clamp release
- Pallet truck battery change
- Windshield with wiper and washer
- Panel cabin

Li-ION

MX2

Model	MX2-25	MX2-25L	MX2-30	MX2-30L	MX2-35L
Lift capacity, kg	2500	2500	3000	3000	3500
Load centre, mm	500	500	500	500	500
Truck width, mm	970	970	970	970	970
Turning radius, mm	2064	1920	2064	1920	2064
Overhead guard height, mm	2240	2240	2240	2240	2240
Battery (std), V/Ah	80/700-775	80/560-620	80/700-775	80/560-620	80/700-775
Length to fork face, mm	2530	2389	2558	2417	2558

Top Features

- A software based Sensitive Drive System (SDS) smoothes start and stop movements, increases agility and adapts to the speed of operators' foot movements.
- Extra boost for ramps
- Tight space agility rear axle steers through a full 100°, with dual drive motors for instant, smooth turning on the spot and no initial "push".
- Touch-sensitive fingertip controls natural feeling, spring-loaded response: press gently for finer control.
- Advanced Dynamic Cornering Control senses the angle of a turn, and reduces speed earlier in the manoeuvre for maximum stability and accurate, positive cornering.
- Perfectly weighted steering and optimal steering wheel size with a light but firm feel gives confidence and manoeuvrability at all speeds.
- Sealed, wet-disc brakes are protected from the elements and virtually maintenance-free.
- F2 button simple thumb control integrates twice as many key controls – without taking your eyes off the load. Options include clamp release and automatic tilt centering.
- Precision tilt and side shift – fine controls make important and difficult movements faster, and safer.
- Extra-large entry step for safe, no-slip entry and exit – whatever the footwear.

MXL



Model	MXL-40	MXL-45	MXL-50C	MXL-50	MXL-50H	MXL-55H
Lift capacity, kg	4000	4500	4990	4990	5000	5500
Load centre, mm	500	500	500	500	600	600
Truck width, mm	1169	1169	1169	1169	1169	1169
Turning radius, mm	2289	2289	2289	2434	2434	2434
Overhead guard height, mm	2340	2340	2340	2340	2340	2340
Battery (std), V/Ah	80/775	80/775	80/775	80/930	80/930	80/930
Length to fork face, mm	2825	2825	2825	2970	2990	2990

Driver comfort and well-being are at the heart of everything we do. The MXL is comfortable, manoeuvrable, and as easy to drive as a car. And in addition to reducing CO₂ emissions, there's another thing our electric truck eliminates: noise. The virtually silent hydraulic pumps provide a massive noise reduction not just for the driver, but everyone else in the workplace.



Maximised throughput, minimised costs

- Low Cost of Ownership
- Less maintenance
- Inside/outside versatility
- Battery life longer than a single shift
- Best energy efficiency in class

Easy to use, hard not to love: features and benefits for the driver

- No need to turn off and on in use
- Automatic parking brake
- Oversteering rear-axle, more agile
- Better visibility due to new free lift set-up
- Cabin warms very fast
- Quiet electric motors and pump
- No motor vibrations
- Sealed and dampened cabin
- Adaptive load handling
- Can be tuned to exact needs
- Load sensing hydraulics
- Instant torque

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.