



MOFFETT



MOFFETT E-SERIES NX

ADDING GREEN TO FUTURE LOGISTICS

PRODUCT BROCHURE



THE NEXT GENERATION MOFFETT E-SERIES NX



The green look of MOFFETT eSeries NX is more than skin deep. It has been developed based on the world's first all-electric mounted forklift, a revolutionary turn in forklift logistics. With the next generation all-electric eSeries, you meet an entirely new range of machines. All-wheel drive, 4-way steering, high-tech dash display, real-time operational insight and multiple charging options.

Since the MOFFETT eSeries NX generates no emissions, very little noise and no vibration, it is ideal for moving goods from outside to inside, quiet night deliveries in residential areas and work in Low Emission Zones. It's powerful, silent and environmentally responsible. And it's still green.



BENEFITS OF THE MOFFETT E-SERIES NX

Discover the next generation MOFFETT eSeries NX all-electric truck mounted forklifts. These flexible, versatile machines will help you deliver more in less time.

- **All-electric drive:** All-electric permanent magnet wheel motors give you perfect control over each wheel. An all-electric motor creates less waste energy thus giving you vastly improved efficiency and longer battery life.
- **100% emission-free:** The MOFFETT eSeries NX is equipped with the latest lithium-ion battery technology, which means it does not generate any emissions. Perfect for working indoors without polluting the environment.
- **4-way steering:** A MOFFETT eSeries can drive forward, backward, left and right (multidirectional), making it possible for you to operate within narrow access area and transport long loads with ease.
- **Near silent operation:** Being all-electric, the MOFFETT eSeries NX is practically silent, which makes it ideal for urban and night-time deliveries.
- **All-wheel drive:** To give you even more flexibility, the MOFFETT eSeries NX is all wheel drive via permanent magnet high torque wheel motors and secures maximum traction on all surfaces.
- **HMI Display:** A new generation dash display gives you all information on how the machine is operating. It can also show various behind the scenes menus for the purpose of maintenance.
- **Equipped with HiConnect:** Thanks to HiConnect (telematics), the forklift's location and vital parameters can be monitored online at all times.
- **Easy charging:** The MOFFETT eSeries NX can be charged from a conventional wall socket, and also via an on-board charger when the delivery truck is traveling between jobs, giving maximum flexibility.

INCREASE YOUR REVENUES, REDUCE YOUR OPERATING COSTS

A MOFFETT truck mounted forklift is the ideal productivity tool for delivering more in your business – and for gaining more. More precision, more versatility, more profitability, more competitive edge.

Gain even more business with MOFFETT eSeries NX

The all-electric, emission free MOFFETT eSeries NX has the ability to go where no other truck mounted forklift has gone before, giving increased flexibility and utilisation.

It is ideal for:

- Moving goods from outside to inside in warehouses or distribution centres. Thanks to a great lift capacity, a powerful all-wheel drive traction system and a tight turning circle, you will be able to access the most confined areas.
- Urban deliveries in areas with restricted access, where low noise is paramount. No engine noise and zero emissions mean you can travel right to the point of delivery.
- Night-time delivery operations in residential areas where this silent operator will help you move without disturbing the environment.



Quiet Mark is a global certification programme that identifies the quietest products in multiple categories.

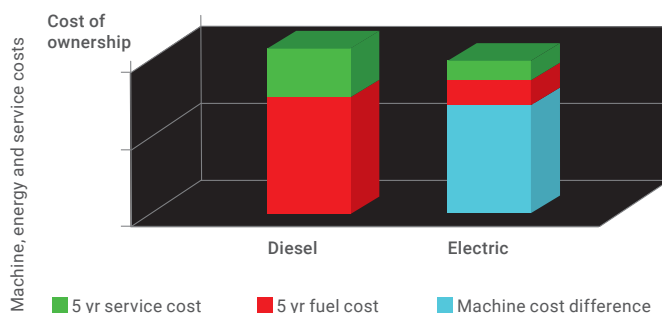


IFOY AWARD (International Intralogistics and Forklift Truck of the Year) is the "Oscar" of intralogistics. It recognises the year's best intralogistics products and solutions.

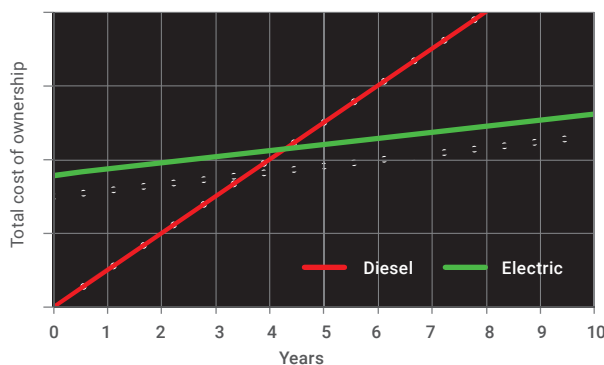
MOFFETT eSeries NX offers great savings

Running costs for the MOFFETT eSeries NX are only approximately 20% of a diesel equivalent. Also, the machine has fewer moving parts that need to be maintained or replaced. This greatly reduces both service time and parts cost. Not to mention you eliminate any CO₂ and other emissions, which makes the eSeries a truly sustainable choice.

Diesel vs electric – total cost of ownership breakdown*



Total cost of ownership breakdown vs years



* Data based on estimated machine cost difference, energy figures from Eurostat, service figures based on main TMFL EU market averages, usage 300 hrs annually

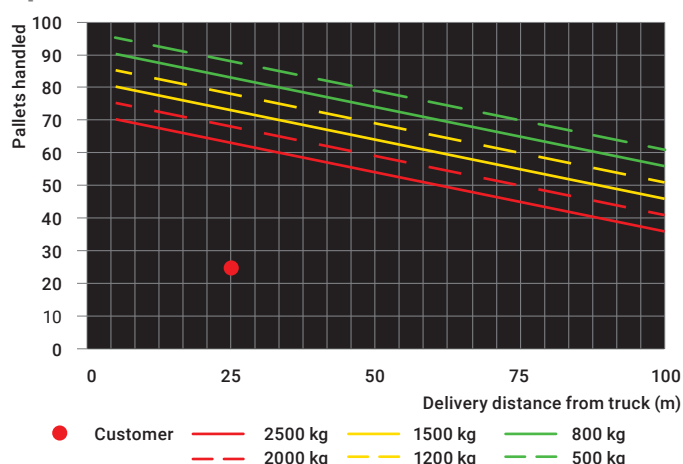


Work smarter, charge faster between jobs

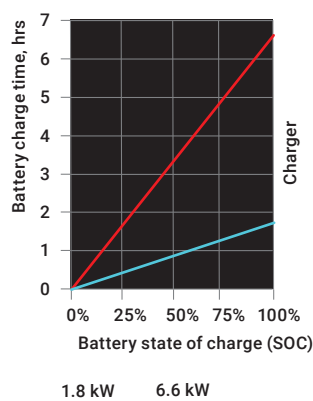
When fully charged, the MOFFETT eSeries NX can unload up to 60 pallets, each weighing 2.5 tons, 25 metres from the truck, a task that takes approximately 2 hours. Standard charge from a wall socket takes

6 hours, but a fast 2-hours charge from a 32 A socket is also possible (optional). You can also easily charge your MOFFETT eSeries onboard using truck charging when traveling between jobs.

Battery capacity – pallets handled vs distance

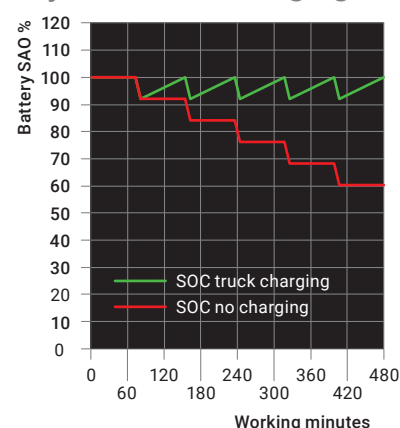


Battery charge time vs SOC



Note: 6.6 kW Charger requires a 32 A socket

Battery capacity – delivery cycle – truck charging

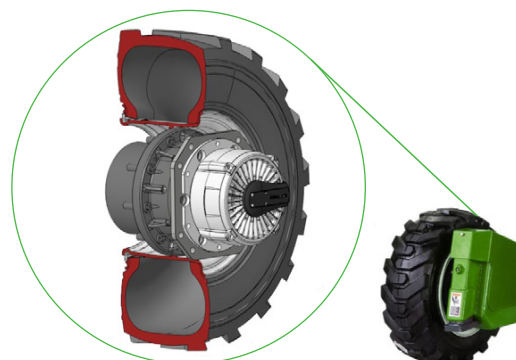


Note: based on 2500 kg @25 m delivery

All-electric means ultra efficient

Each wheel is driven by a permanent magnet electric motor with integrated software. By putting the motor in the wheel waste energy is greatly reduced thus giving you maximum efficiency.

Eliminating hydraulic wheel motors also means less noise, fewer parts, lower maintenance, more uptime and thus increased productivity.

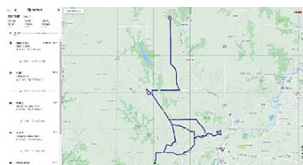


Loud		Medium		Quiet	
Jumbo jet		Diesel-driven truck mounted forklift		eSeries NX	
< 120 dBA		84 – 120 dBA		< 84 dBA	

Since the decibel scale is logarithmic, the percentual sound reduction is much bigger than the nominal dB reduction.

HIAB HICONNECT FOR MOFFETT

The MOFFETT eSeries NX features HiConnect, which offers you real-time overview of more than 100 machine parameters. You can see some of them on the dash display and others on the HiConnect portal. The parameters range from battery capacity to delivery route and time, driver safety and maintenance notifications.



SUPERIOR SAFETY

With MOFFETT eSeries, we have taken all measures to ensure safety. The bonnet is designed for maximum visibility and interlocking seat belt prevents driving if not connected. LED lights/beacon add to the safety and convenience of the driver. In addition, with GroundStart™ as standard dismounting the MOFFETT eSeries is now even easier no matter the location.

The structures surrounding the battery are designed to ensure full safety even in the case of an accident. The construction of the chassis has been verified in tests at MIRA crash laboratory. Our testing ensures full protection for the driver, the surroundings and the environment.



A WHOLE RANGE OF MACHINES

MOFFETT eSeries NX models

Model	E4 20.1 NX	E4 20.3 NX	E4 20.4 NX	E4 25.3 NX	E4 25.4 NX
Lift capacity	2000 kgs @ 600 mm	2000 kgs @ 600 mm	2000 kgs @ 600 mm	2500 kgs @ 600 mm	2500 kgs @ 600 mm
Battery type	Manganese Laminate Li-on (LMNC)	Manganese Laminate Li-on (LMNC)	Manganese Laminate Li-on (LMNC)	Manganese Laminate Li-on (LMNC)	Manganese Laminate Li-on (LMNC)
Lift height *	2200 mm	3000 mm	3000 mm	3000 mm	3000 mm
Standard tyres *	18" Front / 23" Rear	23"	23"	27"	27"
Overhang *	1205 mm	1205 mm	1205 mm	1255 mm	1255 mm
Ground clearance *	200 mm	210 mm	210 mm	260 mm	260 mm
Drive	One-wheel drive	All-wheel drive	All-wheel drive with 4-way steering	All-wheel drive	All-wheel drive with 4-way steering

The above specifications can be changed by the manufacturer without prior notice.

** The values vary depending on machine specification.*

The MOFFETT eSeries truck mounted forklift is available in several versions and more will be added over time. This means that whatever your load handling ambitions, there will always be a MOFFETT eSeries model to help you achieve them.



DELIVER AS PROMISED WITH HIAB SERVICES

When you invest in Hiab equipment, you invest in quality performance to safely and efficiently fulfill your commitments to your customers – every single day.

With Hiab Services, we are here for you throughout your equipment lifecycle, giving the uptime and reliability you need to deliver as promised. From the moment of installation, we can ensure that your Hiab equipment keeps its original performance – delivering always to your expectations.

With the latest tools, connectivity and a wide network of experts, we support you whenever and wherever you need us. So you can sleep well at night – every single night.



Original Parts

Hiab Original Parts ensure that your Hiab product stays a Hiab product. Keep the same functionality and quality you invested in from the start – essential for optimal performance, maximum safety and avoiding costly downtime.



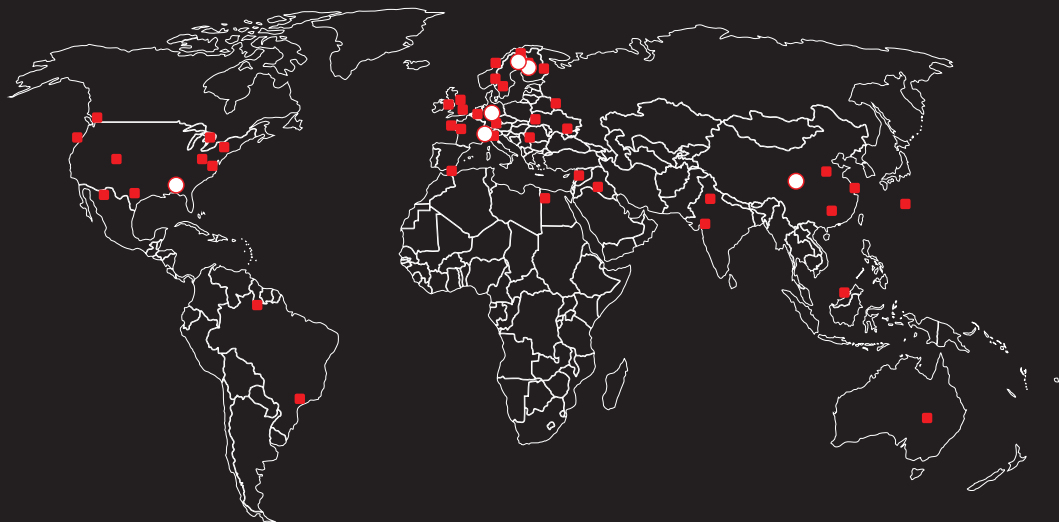
Hiab ProCare™ for MOFFETT

Hiab ProCare for MOFFETT is a flexible service contract designed to secure the uptime of all Hiab equipment. Scheduled and preventive maintenance helps your equipment retain the same high quality you invested in. Using original spare parts and the highest standards, our global service network takes professional care of every piece of your equipment reducing the risk of costly breakdowns and unexpected downtime. Let us take care of all scheduling, maintenance and inspections. By reducing total cost of ownership and increasing the re-sell value of your machine, ProCare brings you total peace of mind. Keep moving to produce as planned and boost your profit.





**GLOBAL PRESENCE AND LOCAL SERVICE
BRING OUR PRODUCTS AND SOLUTIONS
CLOSER TO OUR CUSTOMER**



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