



# **THE NEW MOFFETT M8 NX2**

## **ULTIMATE PERFORMANCE**

PRODUCT BROCHURE



# ELEVATE TO ULTIMATE. THE MOFFETT M8 NX2



Discover the MOFFETT M8 NX2, the latest addition to our lineup, that sets new standards in truck-mounted forklifts.

The MOFFETT M8 NX2 has been thoroughly redesigned to enhance user experience, offering superior performance, stylish design, and improved safety and comfort. With an impressive lift capacity of up to 3,500 kg, it efficiently handles heavy loads and rugged terrains. Advanced connectivity, a new color display, and smart features provide essential real-time insights, enhancing safety for operators and cargo.

Despite its power, the M8 NX2 is compact, fitting almost any truck or trailer, and includes various options like 4-way steering for easy navigation in tight spaces. Its maneuverability is boosted by an increased rear steering angle, allowing an extra 30° rotation. Visibility is greatly improved with a new pantograph and fork carriage design.

The true single-side offload feature increases efficiency, enabling faster loading and unloading from one side and reducing vehicle repositioning. Ground assist functions also enhance safety, reducing the need for operators to climb at heights.

Choosing the MOFFETT M8 NX2 means investing in a next-generation forklift that offers top performance, comfort, and safety, optimizing your operations to their fullest potential.



Discover more at  
[www.hiab.com](http://www.hiab.com)

▼ The products in this brochure are part of Hiab's global product range. Deviations of the range and equipment may occur due to geographical location. Please get in touch with your local Hiab dealer for further details on available models, accessories, and options.





# THE BEST JUST GOT BETTER

Enhance your logistics operations with the innovative MOFFETT M8 NX2. This model introduces a range of upgrades such as single-side offloading, enhanced visibility, and a new color display screen, delivering unparalleled value to boost your performance.

Prioritizing safety and intuitive controls, the MOFFETT M8 NX2 establishes a new benchmark in logistics technology, taking your business to new heights. Enjoy precise and careful offloading with reduced risk to your cargo and streamline your operations with a blend of speed and safety, optimizing your productivity.

## Side-step complexity with single-side offloading

Single-side offloading, a standout feature of the MOFFETT M8 NX2, facilitates efficient loading and unloading. Thanks to its capability to cross-reach across the deck and the innovative Lift Assist® arms that stabilize both the machine and the load, operators can handle all loading and unloading tasks from one side of the vehicle. This eliminates the need for time-consuming truck repositioning to access the other side, significantly reducing the operator's effort and enhancing operational speed.

*“Single-side offloading with the MOFFETT M8 NX2 is a game-changer, slashing my loading times and making every job smoother and faster.”*

MOFFETT operator

## New display screen – all info at a glance

The MOFFETT M8 NX2 prioritizes operator comfort and convenience. Equipped with an ergonomic design, it ensures operators stay comfortable even during extended periods of operation. The multifunctional color screen is a standout feature that provides the operator with all the relevant information they need at a glance, including engine RPM, lifting height, inclination, and fuel level.

With the main operating parameters easily visible, operators can always make informed decisions and stay in control of the machine.

*“With just one look on the screen, I know exactly everything I need to know to feel in control.”*

MOFFETT operator



## Clear vision, safer operations

The MOFFETT M8 NX2 features a newly redesigned fork carriage range for both standard and pantograph models, significantly enhancing fork visibility for the operator.



# MEET THE NEW MOFFETT M8 NX2: YOUR ULTIMATE PARTNER IN PERFORMANCE

## Lift Assist® Single-side load/offload

The MOFFETT M8 NX2 has an innovative panto-graph system and Lift Assist® arms, enabling cross-deck reach and full-capacity lifting and unloading. Its single-side loading and unloading eliminate the need to maneuver or reposition the truck, enhancing efficiency and savings.



## Improved safety Because safety comes first

Visual and audible feedback coaches operators to fasten thier seatbelt and close the side guard, improper use to reported via HiConnect.



## EasyService™ Reduced maintenance time

The MOFFETT M8 NX2 features a redesigned bonnet and rear doors, simplifying daily checks and routine maintenance access.



Download **MyHiab** app  
for free



## Side Mount+ Save time, stay safe

The M8 NX2 is equipped with the innovative Side Mount+ technology on both the left and right sides, enabling maximum speed and efficiency when lowering, lifting, mounting, or dismounting the machine from ground level while standing on the curbside of the truck.



### Safety beacons

Two 360° safety beacons enhance visibility from all angles around the machine without obstructing the operator's view

### Side door

Easily lowered before operation for maximum safety

### LED worklight

### Street lights

Street lights with indicators enable safe operation on the road

### High visibility fork carriage

Optimizes operator view

### Interlocking seatbelt

Prevents driving if not connected

### Side Mount+

Load and unload the MOFFETT truck mounted forklift with the push of a button

## Innovative display Full control at all times

The MOFFETT M8 NX2 boasts an advanced color display, optically bonded for harsh conditions and heated for cold environments, providing operators with essential data on engine and battery performance, fuel and coolant temperature, and service information. Additionally, the redesigned display pod enhances screen visibility for better readability.



## MaxPerformance™ Light, but far from lightweight



The best truck mounted forklift in the world is now even stronger. Reduced weight allows for a greater payload capacity.





# WHY CHOOSE THE MOFFETT M8 NX2?

The M8 range provides the solution for transferring medium to heavy loads from trucks or trailers and around warehouse facilities. With the ability to work on paved surfaces and firm, off-road conditions, the M8 range has become an important asset in applications such as:

- Building Materials (Timber, Brick, Plasterboard)
- Animal Feed
- Agriculture
- Roofing
- Scaffolding
- Emergency Services... and many more



## Streamlined single-side offloading

In the applications mentioned above, efficient single-side offloading proves to be highly advantageous. MOFFETT's innovative combination of a low-profile pantograph and the patented Lift Assist System™ allows the forks to fully extend across the truck or trailer. This enables operators to lift or place full-capacity loads while maintaining the mast's essential tilt and side shift functions.

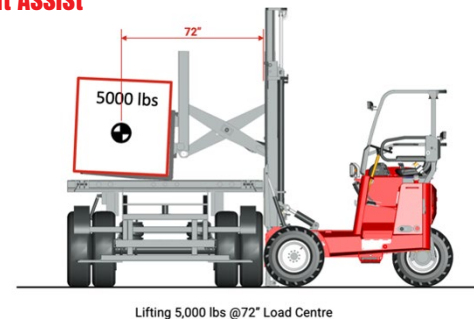
The Lift Assist arms provide stability against the truck's side, allowing the mast to tilt and side shift independently, ensuring smooth and drag-free load handling. The pantograph, despite its reduced front height and lighter weight, is impressively powerful and capable of lifting up to 2,000 kg at 1.80 m from the load center. This capacity is equivalent to lifting 6,000 kg at 0.6 m from the load center.

With the Lift Assist System™, a single operator with one machine can efficiently manage loading and unloading tasks from the far side of fully loaded trucks or trailers, maximizing capacity and streamlining the process.

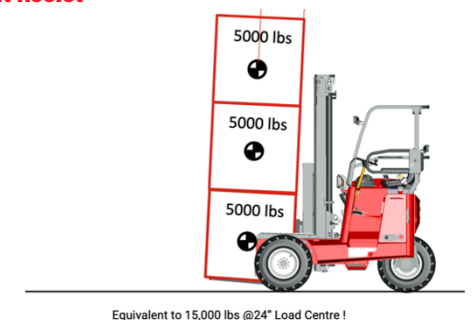
## Low-profile pantograph

The new, low-profile pantograph features a reduced weight design, enhancing both efficiency and ease of use. Its streamlined structure significantly improves visibility, ensuring better operational safety and precision.

### Lift Assist



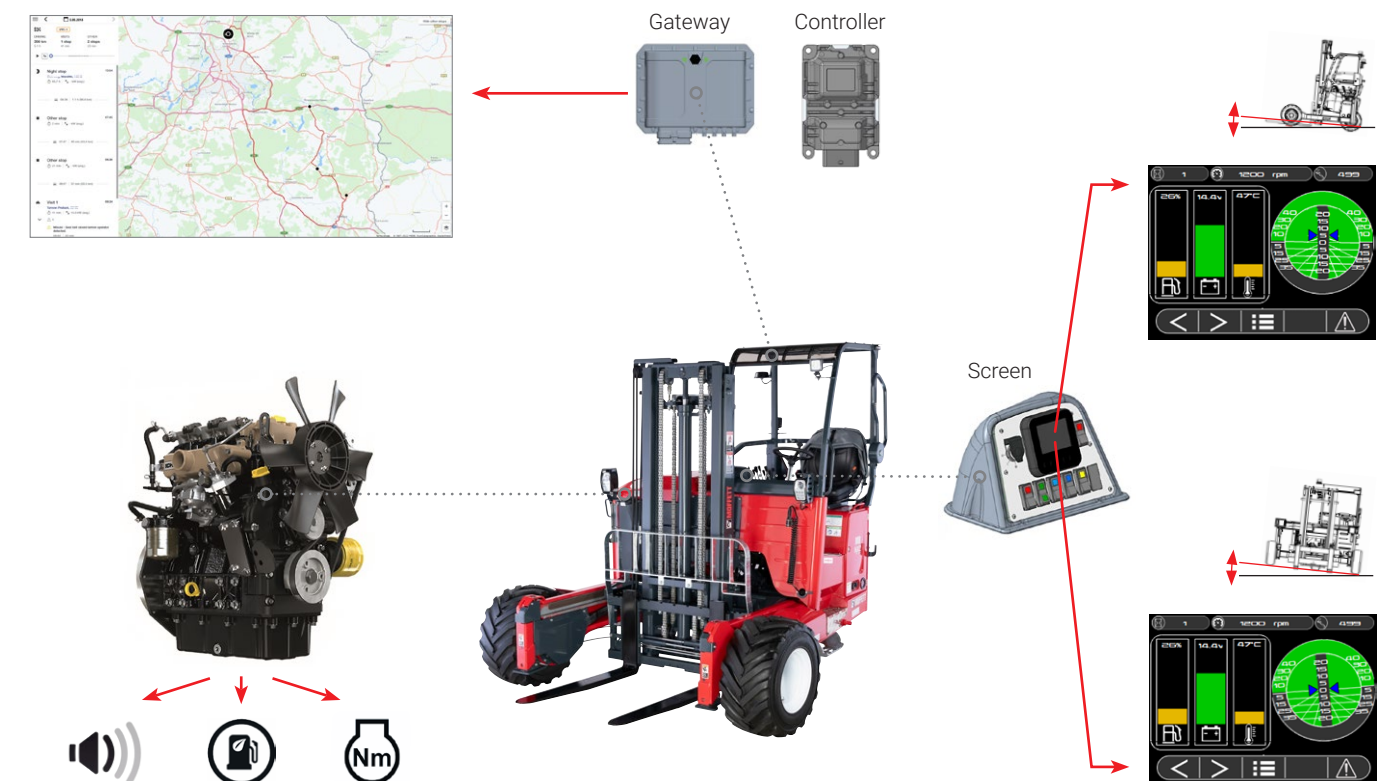
### Lift Assist



## Smart machine for smart operations

The new MOFFETT M8 NX2 significantly advances performance, efficiency, and safety. A standout feature of the MOFFETT M8 NX2 is its sophisticated CAN bus system, which links all the electronic control units, enabling smooth communication across the machine's various components.

This system is supported by a smart gateway that transmits data to a cloud platform, allowing you to remotely access crucial information regarding your trucks and operators whenever and wherever needed. Additionally, the new full-color display screen delivers alerts and notifications, ensuring operators are well-informed about the machine's condition, thereby promoting safe and efficient operation.





# ALWAYS A MOFFETT FOR YOUR NEED

Model	M8 25.3 NX2	M8 25.4 NX2	M8 30.3 NX2	M8 30.4 NX2	M8 35.3 NX2	M8 35.4 NX2
Lifting capacity (@600 mm load centre)	2500 kg	2500 kg	3000 kg	3000 kg	3500 kg	3500 kg
Diesel engine (Power kW / hp)	Rehiko KDI 1903 Turbo, 44kW (59 hp)					
Lifting height (Standard / Option 1 / Option 2)	3040 mm / 3660 mm / 4040 mm					
Wheels type (Standard / Option 1)	27x10-12 SS (280/60x15.5)					
Drive configuration	3-wheel	3-wheel & 4-way	3-wheel	3-wheel & 4-way	3-wheel	3-wheel & 4-way
Unladen weight*	2760 kg	3020 kg	2955 kg	3095 kg	3155 kg	3295 kg
Overhang	1475 mm	1475 mm	1475 mm	1475 mm	1475 mm	1475 mm
Ground clearance	220 mm	165 mm	220 mm	165 mm	220 mm	165 mm

The manufacturer reserves the right to change above specifications without prior notice  
\* Values may vary depending on the machine & mouting kit specification.

### The standard equipment for M8 NX2 is:

- 3.5" colour display
- 180° LED beacons & worklights beacon and LED work lights
- LED street lighting
- Lift Assist Systems™
- Ground Assist functions
- Manually hinging load rests (4-way only)
- Back-up alarm
- Interlocking seat belt with seat presence
- Deluxe cushion seat
- Reclining operator side guard with position sensor
- Tinted all-weather overhead guard cover
- Non-stall hydrostatic transmission
- Folding emblem

### Options

Whatever the application, the M8 NX2 is available with an extensive range of options:

- Various lift heights
- 4-way steering
- Fork positioner
- Convex mirror
- Cover & Go seat cover
- Hydraulic hinging load rests and many more

For more information please see [hiab.com](http://hiab.com)



# LIGHTEN YOUR BUSINESS LOAD WITH HIPERFORM SMART SOLUTIONS

Investing in Hiab equipment ensures reliable, efficient performance, which is crucial for the daily fulfillment of your customer commitments. Hiab Services enhances this with HiPerform smart solutions and an extensive expert network, boosting uptime and reliability across your equipment's lifecycle.

HiPerform offers smart solutions to maximise your MOFFETT truck mounted forklift's lifecycle value by enhancing operator, equipment, and fleet performance and productivity. Select the proactive maintenance or telematics data solutions that best suit your needs.

LEARN MORE [www.hiab.com/en/HiPerform](http://www.hiab.com/en/HiPerform)



## MOFFETT SERVICE JUST GOT SMARTER

HiPerform leverages near real-time data and actual usage to streamline the maintenance of your connected MOFFETT. Our ProCare service packages offer a fixed fee, preventing surprises and ensuring predictability. HiConnect provides insights into your equipment's service history and upcoming service needs. We ensure swift response and resolution, supported by a team of trained professionals and an extensive service network. Ease your maintenance burden with our comprehensive support.

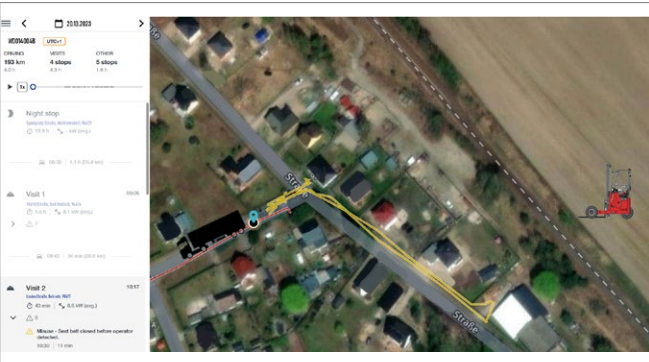
FIND YOUR NEAREST SERVICE CENTRE ►



Enhance the performance of your fleet, equipment, and operators using data from your connected MOFFETT M8. HiConnect's telematics solution provides near real-time insights into over 100 parameters, such as battery status, route details, driver safety, and maintenance requirements. While some data is displayed on the MOFFETT, comprehensive information is accessible online via the HiConnect portal.

### Data-driven decisions

HiConnect lets you grasp your equipment's usage patterns, locations, and capacities, facilitating informed decisions to reduce downtime and boost asset efficiency, utilisation, and safety.



Sample image. Actual image may vary.

## KNOWING BEATS GUESSING



### Location control

Real-time tracking of each unit, along with monitoring of driving routes and times, aids in optimising battery usage for upcoming tasks and swift recovery of misplaced units.



# MYHIAB APP

MyHiab app is a digital companion designed to assist MOFFETT operators with their daily tasks, facilitating smoother and more efficient operations of Hiab equipment.

Download for free

[www.hiab.com/en/MyHiab](http://www.hiab.com/en/MyHiab)



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## BUILT TO PERFORM

Hiab (Nasdaq Helsinki: HIAB) is a leading provider of smart and sustainable on road load-handling solutions, committed to delivering the best customer experience every day with the most engaged people and partners. Hiab's premium equipment includes HIAB, EFFER and ARGOS loader cranes, MOFFETT and PRINCETON truck mounted forklifts, LOGLIFT forestry cranes, JONSERED recycling cranes, MULTILIFT skiploaders and hooklifts, GALFAB roll-off cable hoists, ZEPRO, DEL and WALTCO tail lifts, and the service brand HIPERFORM, a comprehensive suite of smart solutions that help maximise the life-cycle value of Hiab's equipment.

As the industry pioneer, Hiab continues to make on road load-handling smarter, safer and more sustainable to build a better tomorrow. Globally, Hiab is represented on every continent through its extensive network of 3,000 own and partner sales and service locations, enabling delivery to over 100 countries. The company's continuing operations sales in 2024 totalled approximately EUR 1.6 billion and it employs over 4,000 people.

[www.hiabgroup.com](http://www.hiabgroup.com)

