



**MOFFETT**

# TRUCK MOUNTED FORKLIFTS PRODUCT RANGE



**SIG INTERIORS**

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**SIG**



MOFFETT  
TMF

# PRODUCT OVERVIEW



	M2	M4	M5	M8	M9	M10	E-SERIES	LR
<b>Technical facts</b>	Urban distribution	Industrial distribution	Semi-industrial distribution	Rough terrain applications	Rough terrain applications	Industrial/ Rough terrain	Urban/ Outside to inside	Live poultry haulage
Lifting capacity	1500 kg	2000 - 2500 kg	2000 - 2500 kg	2000 - 3500 kg	2700 kg	2000 - 2500 kg	1200 - 2000 kg	3000 kg
Lift height	2200 mm	2200 - 4040 mm	3000 - 4040 mm	3040 - 4040 mm	3150 - 3660 mm	3600 mm	2200 - 3660 mm	3300 mm
Drive wheels	1	1/3	3	3	3	3	1	3
4-way steering		●	●	●	●	●		
<b>Applications</b>								
Building products		●	●	●	●	●		
Industrial gas / LPG	●	●	●	●			●	
Poultry/Live haulage					●			●
Agriculture		●	●	●	●	●		
Recycling		●	●	●		●		
Bevarage distribution	●	●					●	
Road Distribution		●	●	●		●		
Fire & Rescue		●	●	●	●			
Utilities		●	●	●	●			
Urban distribution	●	●	●				●	
Outside to inside							●	

## DESIGNED TO DELIVER

We invented the concept of truck mounted forklifts more than 40 years ago, revolutionising the way materials are distributed across the globe.

Compatible with virtually any truck or trailer combination, and dismantled in under a minute, MOFFETT truck mounted forklifts from Hiab are truly designed to deliver.

Ready in less than a minute



The M2 is a highly agile machine with a low unladen weight, built for industrial and commercial applications, where machine size, weight and manoeuvrability are crucial.

It handles well in the busiest and most confined conditions, negotiating busy city traffic, narrow roads, confined driveways or restricted space within depots to the final destination.

Designed for applications requiring a lift capacity of up to 1500 kg, the M2 transfers loads safely, working on paved surfaces and firm off-road conditions.

With an exceptionally slim chassis, the M2 features all the strength, performance and driver comfort of the larger M-Series models.



## Application areas

The M2 is the specialist for efficient load handling in busy urban traffic and confined operating conditions:

- Beverage Transport (kegs, bottles, cans)
- Food (canned, fruit, vegetables, etc.)
- White goods
- Parcel deliveries
- Pet food (supplies)
- Insulation materials
- Flat packed furniture
- ... and much more



## Technical information

M2 15.1	
Lifting capacity	1500 kg @ 600 mm Load Centre
Engine	Kubota Diesel 19.5 KW (26.1hp)
Lift height	2200 mm
Standard tyres	4.00 x 4 Supersoft/23 x 8.5-12
Drive wheels	1
Unladen weight*	1570 kg
Overhang*	1200 mm
Ground clearance	260 mm

The above specifications can be changed by the manufacturer without prior notice.  
\* The values vary depending on machine specification and type of mounting kit.

## Standard features

The M2 is the dedicated model for lift capacities up to 1500 kg. It is designed for a wide range of commercial and industrial applications. The extensive standard features of the M2 provide maximum operating safety and efficiency when negotiating loads in busy urban traffic conditions:

- Flashing beacon and work lights
- Reverse beepers, road lights and interlocking seat belt
- ROPS/FOPS Driver Compartment (rollover/falling object protective structure)
- Easy access to servicable parts

## Options

Whatever the applications, the M2 is available with an extensive range of options:

- Different tyre options
- Choice of forks
- Telescopic wheelarm
- Load backrest
- Engine heater

## Accessories

Designed to handle an assortment of products, our Attachment Line offers efficiency and flexibility. Whatever the applications, the M2 is available with an extensive range of options:

- Telescopic forks
- Fork positioner
- Integrated sideshift



# M4

Powerful and compact, offering great lift capacity and outstanding rough terrain capability

The M4 is a compact and highly agile machine built for a wide range of industrial and commercial applications.

The compact size of this model belies the power, performance and precision it delivers, transferring loads safely on both, paved surfaces and firm offroad conditions.

The M4 features a lift capacity of 2000 kg and 2500 kg and is available with 4-way steering, to transport long loads sideways in confined areas.



## Application areas

The M4 is the specialist for efficient load handling in busy urban traffic and confined operating conditions:

- Windows and doors delivery
- Recycling and waste management
- Chemicals
- Industrial gas
- Building materials
- Animal feeds
- Seeds, fertilizer, etc
- Turf
- ... and much more



## Technical information

	M4 20.1	M4 20.3	M4 20.4	M4 25.3	M4 25.4
Lifting capacity	2000 kg @ 600 mm Load Centre	2000 kg @ 600 mm Load Centre	2000 kg @ 600 mm Load Centre	2500 kg @ 600 mm Load Centre	2500 kg @ 600 mm Load Centre
Engine	Kubota Diesel 19.5 KW (26.1hp)	Kubota Diesel 19.5 KW (26.1hp)	Kubota Diesel 19.5 KW (26.1hp)	Kubota Diesel 24.6 KW (33hp)	Kubota Diesel 24.6 KW (33hp)
Lift height	3040 mm	3040 mm	3040 mm	3040 mm	3040 mm
Standard tyres	400x4 Supersoft 23x8.5-12	23x8.5-12	23x8.5-12	27x10-12	27x10-12
Drive wheels	1 wheel	3 wheel	3 wheel/4 way	3 wheel	3 wheel/4 way
Unladen weight*	1720 kg	1830 kg	1975 kg	2210 kg	2390 kg
Overhang*	1145 mm	1145 mm	1145 mm	1200 mm	1200 mm
Ground clearance	200 mm	200 mm	200 mm	200 mm	200 mm

The above specifications can be changed by the manufacturer without prior notice. \* The values vary depending on machine specification and type of mounting kit.

## Standard features

The M4 is the dedicated static mast model for lift capacities up to 2500 kg, designed for a wide range of commercial and industrial applications wherever machine size and weight are crucial. The extensive standard features of the M4 provide maximum operating safety and efficiency when negotiating medium and heavy loads:

- Flashing beacon and work lights
- Reverse beepers, road lights and interlocking seat belt
- Clear View Mast
- ROPS/FOPS Driver Compartment (rollover/falling object protective structure)
- Stabilizers for extra stability when loading/unloading in front of the wheels
- Easy-drive control to prevent stalling of the diesel engine
- RKM: Advanced hydraulic filtration keeps hydraulic oil much cleaner
- Direct drive engine and hydraulic pump for high performance
- Differential lock (except M4 20.1) for better grip when operating on rough terrain
- Easy access to servicable parts



## Options

Whatever the applications, the M4 is available with an extensive range of options:

- Different lifting heights
- Different tyre options
- Choice of forks
- Telescopic/folding wheelarm
- Load backrest
- Multi-Directional / 4-Way steering: All wheels can be turned for travelling sideways when handling long loads and/or negotiating tight access areas or narrow openings (available on all three wheel driven M4 models)



## Accessories

We provide solutions to some of the most unique load handling requirements with a variety of attachments available to enhance the M4. Designed to handle an assortment of products, our Attachment Line offers efficiency and flexibility.

- Telescopic forks
- Fork positioner
- Fork extensions
- Integrated sideshift
- Pantograph reach
- Rotator
- Carpet pole
- ... and much more

# M5

Powerful and compact, offering great lift capacity and outstanding rough terrain capability

The M5 is the specialist for medium to high lift capacity, no matter what the conditions.

Compact and strong it handles the most difficult operating conditions on rough terrain, while mastering even the most confined areas, when transferring loads quickly and safely throughout busy yards, warehouse facilities or traffic.

The M5 features a lift capacity of 2000 kg and 2500 kg and is available with 4-way steering for negotiating tight access areas with long loads.



## Application areas

The M5 is the specialist for efficient load handling no matter what the working conditions:

- Building materials
- Animal feeds
- Industrial gas
- Timber
- Scaffolding
- Turf
- Fire and rescue services
- ... and much more



## Technical information

	M5 20.3	M5 20.4	M5 25.3	M5 25.4
Lifting capacity	2000 kg @ 600 mm Load Centre	2000 kg @ 600 mm Load Centre	2500 kg @ 600 mm Load Centre	2500 kg @ 600 mm Load Centre
Engine	Kubota Diesel 26.5 KW (36hp)	Kubota Diesel 26.5 KW (36hp)	Kubota Diesel 33 KW (44hp)	Kubota Diesel 33 KW (44hp)
Lift height	3000 mm	3000 mm	3000 mm	3000 mm
Standard tyres	280x60-15.5	280x60-15.5	280x60-15.5	280x60-15.5
Drive wheels	3 wheel	3 wheel/4 way	3 wheel/4 way	3 wheel/4 way
Unladen weight*	2250 kg	2400 kg	2380 kg	2490 kg
Overhang*	1200 mm	1200 mm	1200 mm	1200 mm
Ground clearance	220 mm	220 mm	220 mm	220 mm

The above specifications can be changed by the manufacturer without prior notice. \* The values vary depending on machine specification and type of mounting kit.

## Standard features

The M5 is the dedicated moving mast model for lift capacities up to 2500 kg, designed for a wide range of industrial and commercial applications, especially for the use on difficult terrain. The extensive standard features of the M5 provide maximum operating safety and efficiency, no matter what the working conditions are.

- Flashing beacon and work lights
- Reverse beepers, road lights and interlocking seat belt
- Clear View Mast
- ROPS/FOPS Driver Compartment (rollover/falling object protective structure)
- Stabilizers for extra stability when loading/unloading in front of the wheels
- Easy-drive control to prevent stalling of the diesel engine
- "Lower 'N' Go"
- RKM: Advanced hydraulic filtration keeps hydraulic oil much cleaner
- Direct drive engine and hydraulic pump for high performance
- Differential lock for better grip when operating on rough terrain
- Easy access to servicable parts

## Options

Whatever the applications, the M5 is available with an extensive range of options:

- Different lifting heights
- Different tyre options
- Multi-Directional / 4-Way steering: All wheels can be turned for travelling sideways when handling long loads and/or negotiating tight access areas or narrow openings
- Choice of forks
- Ground Mount®
- LIFT ASSIST® System: The combination of a pantograph or telescopic forks and LIFT ASSIST® Arm allow loading/unloading from the far side of a truck at full lift capacity

## Accessories

We provide solutions to some of the most unique load handling requirements with a variety of attachments available to enhance the M5. Designed to handle an assortment of products, our Attachment Line offers efficiency and flexibility.

- Telescopic forks
- Pantograph reach
- Fork positioner
- Fork extensions
- Clamps
- Rotator
- Enclosed cab
- ... and much more



# M8

The strongest truck mounted forklift in the world

The M8 is the specialist for high lift capacity. Compact and strong it handles the most challenging operations, no matter what the conditions.

With a lift capacity from 2500 kg to 3500 kg, the M8 is built for the toughest jobs, transferring heavy loads quickly and safely even in the most difficult terrain.

The M8 is incredibly powerful, yet compact enough to be carried on almost any truck or trailer and is available with a whole range of options and attachments including 4-way steering for negotiating tight access areas with long loads.



## Application areas

The M8 is the specialist for efficient load handling no matter what the working conditions:

- Building materials
- Animal feed
- Agriculture
- Road management
- Fire and rescue services
- Roofing
- Scaffolding
- ... and much more



## Technical information

	M8 25.3	M8 30.3	M8 35.3	M8 25.4	M8 30.4	M8 35.4
Lifting capacity	2500 kg @ 600 mm Load Centre	3000 kg @ 600 mm Load Centre	3500 kg @ 600 mm Load Centre	2500 kg @ 600 mm Load Centre	3000 kg @ 600 mm Load Centre	3500 kg @ 600 mm Load Centre
Engine	Kubota Diesel 37.3 KW (50hp)					
Lift height	3040 mm					
Standard tyres	280x60-15.5	27x10-12	27x10-12	280x60-15.5	27x10-12	27x10-12
Drive wheels	3 wheel	3 wheel	3 wheel	3 wheel/4 way	3 wheel/4 way	3 wheel/4 way
Unladen weight*	2530 kg	2630 kg	3130 kg	2810 kg	2910 kg	3410 kg
Overhang*	1475 mm	1475 mm	1475 mm	1450 mm	1475 mm	1475 mm
Ground clearance	280 mm	280 mm	280 mm	230 mm	230 mm	230 mm

The above specifications can be changed by the manufacturer without prior notice. \* The values vary depending on machine specification and type of mounting kit.

## Standard features

The M8 is the dedicated moving mast model for lift capacities up to 3500 kg, designed for a wide range of industrial and commercial applications, especially for the use on difficult terrain. The extensive standard features of the M8 provide maximum operating safety and efficiency, no matter what the working conditions are.

- Flashing beacon and work lights
- Reverse beepers, road lights and interlocking seat belt
- ROPS/FOPS Driver Compartment (rollover/falling object protective structure)
- Stabilizers for extra stability when loading/unloading in front of the wheels
- Easy-drive control to prevent stalling of the diesel engine
- "Lower 'N' Go"
- Direct drive engine and hydraulic pump for high performance
- Differential lock for better grip when operating on rough terrain
- Easy access to servicable parts



## Options

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

- Different lifting heights
- Different tyre options
- Multi-Directional / 4-Way steering: All wheels can be turned for travelling sideways when handling long loads and/or negotiating tight access areas or narrow openings
- Choice of forks
- Ground Mount®
- LIFT ASSIST® System: The combination of a pantograph or telescopic forks and LIFT ASSIST® Arm allow loading/unloading from the far side of a truck at full lift capacity



## Accessories

We provide solutions to some of the most unique load handling requirements with a variety of attachments available to enhance the M8. Designed to handle an assortment of products, our Attachment Line offers efficiency and flexibility.

- Telescopic forks
- Pantograph reach
- Fork positioner
- Fork extensions
- Clamps
- Rotator
- Enclosed cab
- ... and much more

# M9

The specialist machine for the poultry industry

The M9 is the specialist for all applications with low operating height as is found in the Poultry Industry.

Compact and strong it handles the most challenging operating conditions and long working hours.

With a lift capacity of up to 2700 kg, the M9 is built for the toughest jobs and allows you to access the most confined areas when transferring live poultry quickly and safely.

The M9 is both, powerful and agile, yet compact enough to be carried on almost any truck or trailer and is available with a range of options and attachments to match specific application requirements.



## Application areas

The M9 is the specialist for efficient handling of live poultry, managing the toughest working conditions, limited operating heights and long working hours, including:

- Poultry
- Fire and rescue services
- Bedding
- Military
- Equine supplies
- Agricultural supplies
- ... and much more



## Technical information

M9 27.3	
Lifting capacity	2700 kg @ 600 mm Load Centre
Engine	Kubota Diesel 37.3 KW (50hp)
Lift height	3150 mm
Standard tyres	280x60-15.5
Drive wheels	3 wheel/4 way
Unladen weight*	3100 kg
Overhang*	1475 mm
Ground clearance	145 mm

The above specifications can be changed by the manufacturer without prior notice.  
\* The values vary depending on machine specification and type of mounting kit.

## Standard features

The M9 is the dedicated model for the poultry industry and all applications with restricted headroom. With a lift capacity of 2700 kg it provides maximum operating safety and efficiency on paved surfaces and firm offroad conditions, while all-wheel drive guarantees excellent manoeuvrability when operating inside the poultry house. The extensive standard features of the M9 include:

- Flashing beacon and work lights
- Reverse beepers, road lights and interlocking seat belt
- ROPS/FOPS Driver Compartment (rollover/falling object protective structure)
- Stabilizers for added stability when loading/unloading in front of the wheels
- Easy-drive control to prevent stalling of the diesel engine
- Direct drive engine and hydraulic oil pump for high performance
- Differential lock for better grip when operating on rough terrain
- Hydraulic oil cooler for optimum transmission performance in extended duty cycles
- All-wheel drive for good manoeuvrability

## Options

Whatever the specific requirements of your application, the M9 is available with an extensive range of options:

- Different lifting heights
- Different tyre options
- Choice of forks
- Load backrest

## Accessories

We provide solutions to some of the most unique load handling requirements with a variety of attachments available to enhance the M9. Designed to handle an assortment of products, our Attachment Line offers efficiency and flexibility.

- Fork positioner
- Manual fork extensions
- Rotator
- Enclosed cab
- ... and much more



# M10

The specialist for one-sided offloading

The M10 is the specialist machine for one-side offloading, fitted with forks and extendable boom.

For one-side offloading the boom is extended to reach over the truck and trailer bed, with the load simultaneously supported by rollers.

The low overall height of the machine is ideal for operation in restricted working heights.

With its light-weight body, the M10 is compact enough to be carried on almost any truck or trailer.



## Application areas

The M10 is the specialist for one-side offloading and applications with low overall working height, whatever the conditions, including:

- Building materials (timber, brick and block, plasterboard, roofing, scaffolding, etc.)
- Agriculture (agfeed, turf, landscaping, etc.)  
... and much more



## Technical information

M10 25.3	
Lifting capacity	2500 kg @ 600 mm Load Centre
Engine	Kubota Diesel 37.5 KW (50hp)
Lift height	3600 mm
Standard tyres	280x60-15.5
Drive wheels	3 wheel/4 way
Unladen weight*	2940 kg
Overhang*	1610 mm
Ground clearance	260 mm

The above specifications can be changed by the manufacturer without prior notice.  
\* The values vary depending on machine specification and type of mounting kit.

## Standard features

The M10 is the dedicated model for one-side offloading and operation in low working heights. With a lift capacity of 2500 kg, it is designed for a wide range of industrial applications on both firm and rough ground conditions. The extensive standard features of the M10 provide maximum operating safety and efficiency when negotiating medium and heavy loads:

- Flashing beacon and work lights
- Reverse beepers, road lights and interlocking seat belt
- ROPS/FOPS Driver Compartment (rollover/falling object protective structure)
- Stabilizers for added stability when loading/unloading in front of the wheels
- Differential lock for better grip when operating on rough terrain
- Easy access to serviceable parts

## Options

Whatever the applications, the M10 is available with an extensive range of options:

- 4-way steering for long loads
- Different tyre options
- Choice of forks
- Ground Mount™ \*
- Load backrest
- Engine heater

\* The Ground Mount™ System allows the operator to safely mount/dismount the Truck-mounted forklift from ground level in under 60 seconds, using a wireless remote control unit.

## Accessories

We provide solutions to some of the most unique load handling requirements with a variety of attachments available to enhance the M10. Designed to handle an assortment of products, our Attachment Line offers efficiency and flexibility.

- Squeeze forks
- Fork positioner
- Brick forks
- Rotator
- LIFT ASSIST® System  
... and much more



# E-SERIES

The first all electric truck mounted forklift

The comprehensive model range has constantly been extended over the years paving the way for another technological landmark - the world's first Lithium-ion powered electric truck mounted forklift.

The benefits of this unique load handling device are now available to a wide range of new application areas.

The E-Series models are setting new standards in placing environmentally responsible technology on the back of your truck or trailer, while significantly reducing the total cost of ownership.



Emission Free



Silent Operation



Easy Charging



## Application areas

### City distribution

The highly manoeuvrable truck mounted forklift is ideal for urban deliveries in locations where access is restricted and low noise is paramount.

Deliveries are made without any engine noise or emissions, allowing the operator to travel right to the point of delivery. This ensures faster delivery times and reduced product damage.

### Night-time operations

Night time delivery operations are often faced with stringent noise regulations e.g. within residential areas. The new E-Series is a low noise and zero emissions machine designed for this growing area of business, minimising the impact of air and noise pollution and helping speed up the delivery process.



## Technical information

	E2 12.1	E4 20.1
Lifting capacity	1200 kg @ 600 mm	2000 kg @ 600 mm
System voltage	48V	48V
Lift height	2200 mm	3660 mm
Battery capacity *	100Ah (130Ah)	130Ah (180Ah)
Standard tyres	400x4/21x8-9	18x7-8/21x8.9
Drive wheels	Singel rear 21"	Singel rear 21"
Unladen weight*	1590 kg	1680 kg
Overhang*	1160 mm	1160 mm
Ground clearance	190 mm	190 mm

The above specifications can be changed by the manufacturer without prior notice.  
\* The values vary depending on machine specification. Optional capacity in brackets.

## Standard features

The E-Series is the new Lithium-ion powered electric model with lift capacities up to 2000 kg. It is designed for a wide range of urban and semi-industrial applications, especially in noise sensitive residential areas or where emissions free outside to inside deliveries are required. The standard features of the E-Series provide maximum safety and operating efficiency, no matter what the situation.

- MMI – Moffett Machine Interface with operator data like battery SOC and service diagnostics
- Flashing Beacon and LED Work Lights
- Road lights and interlocking seatbelt, Reverse indicator
- ROPS / FOPS Driver compartment (rollover / falling object protective structure)
- Silent Helical gear pump
- Steer by wire steering system
- Programmable speed for all mast lift functions
- Mains charging system

## Options

Whatever the application, the E-Series is available with an extensive range of options:

- Different lifting heights
- Choice of forks
- Different front tyre options
- Different battery capacities to suit application needs
- Truck charging

## Accessories

We provide solutions to your load handling requirements with a variety of attachments available to enhance the E-Series. Designed to handle an assortment of products, our attachment line offers efficiency and flexibility.

- Telescopic Forks
- Pantograph reach
- Fork positioner
- Fork extensions
- ... and much more



The LR is the specialist for poultry live receiving operations.

Compact and strong it handles the most challenging operating conditions and long working hours.

With a lift capacity of up to 3000 kg, the LR is built for hard work and allows you to access even the most confined areas of the yard, handling live haul quickly and safely.

The LR is both, powerful and agile and is available with a range of options to match specific application requirements.



## Technical information

LR 30.3	
Lifting capacity	3000 kg @ 600 mm Load Centre
Engine	Kubota Diesel 44 KW (60hp)
Lift height	3300 mm
Standard tyres	27x10-12
Drive wheels	3 wheel
Unladen weight*	5500 kg
Ground clearance	345 mm

The above specifications can be changed by the manufacturer without prior notice.  
\* The values vary depending on machine specification. Optional capacity in brackets

## Standard features

The LR is designed for industrial applications up to 3500 kg. The standard features of the LR provide maximum operating and safety efficiency, no matter the situation.

- Flashing Beacon and LED Work Lights
- Reverse beepers, road lights and interlocking seatbelt
- ROPS / FOPS Driver compartment (rollover / falling object protective structure)
- Heavy Duty clear view mast
- Oil cooler for long duty cycles
- Air Suspension driver seat
- Tilt adjustable steering

## Options

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

- Choice of forks
- Tyre options

## Accessories

We provide solutions to your load handling requirements with a variety of attachments available to enhance the LR. Designed to handle an assortment of products, our attachment line offers efficiency and flexibility.

- Telescopic Forks
- Rotator
- ... and much more



# BUILT TO PERFORM

Hiab is the world's leading provider of on-road load handling equipment. Customer satisfaction is the first priority for us. Hiab's product range includes HIAB loader cranes, JONSERED recycling and forestry cranes, LOGLIFT forestry cranes, MOFFETT truck mounted forklifts and MULTILIFT demountables, as well as DEL, WALTCO and ZEPRO tail lifts.

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