

Hiab Moffett Truck-Mounted Forklifts



TECHNICAL INFORMATION

M4

Hiab Moffett Truck-mounted Forklifts

Load Handling & Delivery Solutions

Truck-mounted Forklifts are an important asset for successful businesses throughout all industries, helping to make more deliveries in less time.

Used on one or on several trucks, this loading device offers outstanding versatility. Hiab Moffett Truck-mounted Forklifts are unrivalled in performance and reliability.

Equipped with the latest features for optimised load handling they help you master typical load handling challenges:

- > Faster deliveries result in improved operating efficiency and allow you to deliver more goods in less time
- > No more waiting on offloading equipment/personnel on site
- > Negotiate within confined areas, including one side offloading
- > Eliminate manual handling
- > Reduce product damage during transport, on-and offloading
- > Deliver anytime, being entirely independent from other offloading equipment and personnel
- > Pick and choose your load order as you can access and offload from any location of the vehicle
- > Offer premium customer service, delivering on demand, on time, efficiently and directly to the location required



Hiab Moffett M4: Small and Mighty, Its Size Belies Its Power

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 mode, to transport long loads sideways in confined areas.



Leading Technology

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 Hiab Moffett M4 provide maximum operating safety and efficiency when negotiating medium and heavy loads:

- > Flashing beacon and work lights
- > Reverse bleeper, road lights and interlocking seat belt
- > 'Clear View' Mast for better visibility
- > 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 application, the Hiab Moffett 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 System: 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)

Attachments

We provide solutions to some of the most unique load handling requirements with a variety of attachments available to enhance the M4.

- > Telescopic Forks
- > Fork Positioner
- > Fork Extensions
- > Integrated Sideshift
- > Pantograph Reach
- > Rotator
- > Carpet Pole
- ... and much more

Designed to handle an assortment of products, our Attachment Line offers efficiency and flexibility.



Ergonomics

- > Tinted all-weather overhead guard cover
- > Spacious, open cabin design for maximum visibility and comfort
- > Easy reach lever control
- > Comfortable pedal and steering position
- > Operator friendly entry/exit with slip resistant steps and easy reach grab handles
- > Smooth driving

Safety

- > Maximum Visibility (360 degrees)
- > Clear view mast
- > Overhead Guard ROPS/FOPS tested
- > Interlocking seat belt
- > Flashing beacon, work lights and reverse bleeper
- > LED road lights for transport on truck/trailer

Performance

- > Compact and highly manoeuvrable
- > Excellent gradeability
- > Low unladen weight
- > Faster unloading
- > One-side off/onloading
- > Safer handling of goods

Maintenance

- > Long service intervals
- > IP 65 proof electrical components
- > Easy access to all serviceable parts
- > LED lighting for longevity and less maintenance
- > Weather and corrosion resistant features include:
 - Protected electrics
 - Fully enclosed dashboard
 - Powder-coat paint
 - Nitrotec treated pins
 - Dacromet-coated mast and roller chains



Technical Specifications

	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 (26.1 HP)	Kubota Diesel 19.5 KW (26.1 HP)	Kubota Diesel 19.5 KW (26.1HP)	Kubota Turbo Diesel 24.6 KW (33 HP)	Kubota Turbo Diesel 24.6 KW (33 HP)
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.

Mounting Kit Solutions

Our Philosophy

The mounting kit plays a vital role within the concept of the Truck-mounted Forklift. More than 40 years of experience are reflected in the excellent reputation of our Mounting Kit technology.

Ready in Less Than One Minute



M4 Application Areas

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

- > Windows and Doors Delivery
- > Recycling & Waste Management
- > Chemicals
- > Industrial Gas
- > Building Materials
- > Animal Feeds
- > Seeds, Fertilizer, etc.
- > Turf ... and much more



A Strong Partner

Delivering Confidence

Cargotec improves the efficiency of cargo flows by offering handling systems and related services for the loading and unloading of goods. Cargotec's brands, Hiab, Kalmar and MacGregor, are global market leaders in their fields and their solutions are used on land and at sea.

With our unparalleled sales/after-sales service, fast spare parts deliveries, expert machine servicing and our global dealer network, Cargotec is committed to delivering confidence through our Total Customer Care package.

The Cargotec centralised spare parts service ensures fast and smooth delivery to all points of the globe. Our highly skilled service teams understand your business and offer you outstanding support services, maximising the performance and extending the life of your machine.

With Cargotec you are guaranteed the benefits of a strong network and personal and efficient service throughout the entire life cycle of your Truck-mounted Forklift.



Cargotec improves the efficiency of cargo flows on land and at sea – wherever cargo is on the move. Cargotec's daughter brands Hiab, Kalmar and MacGregor are recognised leaders in cargo and load handling solutions around the world. www.cargotec.com



Moffett Engineering Limited
Ardee Road, Dundalk
County Louth, Ireland
Tel: +353 (0)42 935 9500
hiabmoffett.forklift@cargotec.com
www.cargotec.com
www.hiab.com