



● Højbjerg Maskinfabrik A/S

HMF is one of the world's leading manufacturers of hydraulic equipment for the transport industry and is well known throughout the globe for producing robust high quality loaders, which offer a long life span and are ideal for even the most arduous applications.

HMF-loaders are produced in a state of the art 70,000 m² manufacturing facility and range in size from 0.5 tm to 72 tm. An intense programme of continuous improvement means that only the most modern manufacturing processes are employed by HMF, and this coupled with rigorous testing procedures ensures a very high level of customer satisfaction.

The manufacturing facility is backed up by an extensive sales & service network of subsidiaries, dealers, and agents in more than 50 countries throughout the world.

This network also has access to HMF's well assorted stock of spare parts, which ensures minimum downtime.

- **power to lift** is an expression, which describes HMF's values and attitudes. Everybody at HMF regards – **power to lift** – as a promise. As a customer at HMF, you can always expect a high degree of safety, qualification and reliability in close cooperation with our employees.

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We reserve the right to introduce improvements and modifications

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HMF Handy-Loaders



- power to lift.

HMF Handy-Loaders

The Handy Series consists of loaders ranging 0.5 tm through 3 tm designed for smaller 2-axled trucks with a gross vehicle weight of between 2.8 and 4.5 tonnes. These loaders are designed for easy and flexible mounting on the truck, and the simple and user-friendly control valves ensure a fast and safe operation.

The Handy range ensures minimum space requirements both when in working position and when stowed for transport, but also offer great flexibility for a wide range of both hook and hydraulic attachment applications typical for this loader range with a very long out-reach.



● CE Safety System

All HMF Handy Loaders are equipped as standard with a stop button and load indicator to meet current health and safety legislation. The load indicator ensures a constant view of the load being lifted as well as an optimisation of the loader capacity. If lifting capacity is less than 1 tonne, the loader is available without any load limitation unit to maximise flexibility. As another option, HMF offers its RCI 5100 (Rated Capacity Indication) system for Handy Loaders, which monitors the current load situation of the loader and gives an indication of current load moment conditions. This system offers the operator a safer view and complete operation control during loader use.

● Active SLM Safety System

All RCI 5100 Safety Systems can be equipped with the so-called SLM Safety System (Superior Load Monitoring), where suitable if required for safety reasons. The SLM Safety System stops the loader at a load moment of 100% by means of the RCI 5100. This system offers safety under all conditions and prevents the boom system from sinking in case of unintentional overloading of the loader. The SLM Safety System is standard equipment required on CE-loaders above 4 tm.



● Built-in Safety with Load-holding Valves

Load-holding valves are fitted as standard on all hydraulic cylinders to obtain maximum safety for the operator, load and surroundings. In case of hoses bursting, the valve maintains the loader boom in the current position and prevents the load from falling to the ground.

● Electro-hydraulic Power Pack

HMF offers different sizes of electro-hydraulic power packs adapted to the working conditions of the individual loader.

The power pack supplies oil to the loader for loader operation and is connected to the battery of the vehicle. It is an efficient and simple solution for fitting on all vehicles, when the truck cannot be supplied with a power take-off. The pump is silent-running and is used when there are no requirements for continuous operation.

The power take-off is used in case of continuous operation. It is reliable under all conditions and is used in case of greater power requirements.



Loader type		50-T	150-T	150-T P	200-T	250-T	260-T	270-K	340-K
Loader model		T	T	T	T	T	T	K	K
Loading group		B2	B2	B2	B2	B2	B2	B3	B3
Max. lifting capacity	kg	430	830	830	1200	1670	1760	790	985
Lifting capacity at max. hydraulic reach	kg	-	340	340	480	600	730	325	435
Hydraulic reach	m	-	2.9	2.9	3.0	3.2	3.5	7.0	7.1
Lifting capacity at max. manual reach	kg	250	200	200	250	450	275	275	340
Reach (hydraulic + manual)	m	2	3.5	3.5	3.5	4.1	5.3	8.2	8.5
Suitable vehicle	t	2.8	2.8	2.8	3.5	3.5	3.5	3.5	4.5



● Extra Valves

Several of the loader models are available with 1 or 2 extra valves with hose routing for operation of hydraulic attachment and rotator. This feature enables the operator to undertake heavier loader applications such as earthmoving, spreading of wood chips and refuse collection.



● Radio Remote Control

On the 270-K and 340-K loaders, HMF offers a radio remote control for more flexible and safer use of the loader. This system gives the operator complete freedom to move around, as the control levers for the loader are always at hand. Radio remote control ensures that loading, unloading and precision work is carried out with greater flexibility.



● Winch as an Optional Extra

HMF offers two sizes of electric winches with a lifting capacity of 450 kg and 900 kg respectively. Both winches are compact and strong winches with high wire speed and spring-loaded braking systems. The operator is therefore allowed optimal conditions for uncomplicated vertical lowering and lifting movements.



Standard Equipment and Optional Extras

	50-T	150-T	150-T P	200-T	250-T	260-T	270-K	340-K
Safety Equipment								
CE-equipment: stop button, dump valve and load indicator	-	✓	✓	-	-	-	+	+
RCI 5100 Safety System	-	-	-	+	+	+	-	-
Active SLM Safety System	-	-	-	+	+	+	-	-
Mechanical slewing limitation	-	+	+	+	+	+	+	+
Operation								
0.8 kW electric power pack	+	✓	✓	-	-	-	-	-
2.0 kW electric power pack	-	+	-	+	-	-	-	-
3.0 kW electric power pack	-	+	-	+	+	+	-	-
Prepared for electric power pack	-	+	-	+	+	-	-	-
Prepared for P.T.O. application	-	+	-	+	+	+	-	-
Base								
Standard base	✓	✓	-	✓	✓	✓	✓	✓
M-base	+	+	-	+	+	+	-	-
P-base	-	-	✓	-	-	-	-	-
Equipment								
Winch with a lifting capacity of 450 kg	+	+	+	-	-	-	-	-
Winch with a lifting capacity of 900 kg	-	-	-	+	+	+	-	-
Oil tank in base	✓	✓	✓	✓	✓	✓	-	-
Oil tank on loader	-	-	-	-	-	-	+	+
Spotlight	-	-	-	-	-	-	+	+
Load indicator	-	-	-	-	-	-	+	+
1 or 2 extra valves	-	-	-	-	-	+	+	+
High-pressure filter	-	-	-	+	+	+	+	+
Radio remote control	-	-	-	-	-	-	+	+
Mounting kit	-	+	+	+	+	+	+	+
1 st manual extension	-	+	+	+	+	+	+	+
2 nd manual extension	-	-	-	-	-	+	-	-
Dual control	-	-	-	-	-	+	✓	✓
Centre of the working area over the stabilizer beam of the loader (C=6 o'clock)	-	+	+	+	+	+	+	+
Centre of the working area opposite the stabilizer beam of the loader (C=12 o'clock)	-	+	+	+	+	+	+	+
Centre of the working area over the valve block of the loader (C=3 o'clock)	-	-	-	-	-	-	+	+
Centre of the working area opposite the valve block of the loader (C=9 o'clock)	-	-	-	-	-	-	+	+
Special colour	+	+	+	+	+	+	+	+
Electric power: 12 V	-	+	+	+	+	+	+	+
Electric power: 24 V	-	+	+	+	+	+	+	+
Test with biodegradable oil	-	+	+	+	+	+	+	+

✓ standard

+ option

- N/A

Stabilizer Types

	50-T	150-T	150-T P	200-T	250-T	260-T	270-K	340-K
1 stabilizer beam, swing-up stabilizer leg, single extension (SR)	+	-	-	-	-	-	-	-
1 mechanical swing-up stabilizer leg to 90°	+	-	-	-	-	-	-	-
1 hydraulic stabilizer leg, stroke = 310 mm and swing-up to 180°	-	-	✓	-	-	-	-	-
1 or 2 mechanical stabilizer legs, stroke = 320 mm and swing-up to 90°	-	+	-	-	-	-	-	-
1 or 2 mechanical stabilizer legs incl. worm drive, stroke = 320 mm	-	+	-	-	-	-	-	-
1 or 2 hydraulic stabilizer legs, stroke = 250 mm and swing-up to 90°	-	+	-	-	-	-	-	-
1 or 2 hydraulic stabilizer legs, stroke = 400 mm and swing-up to 90°	-	+	-	-	-	-	-	-
Combined hydraulic/mechanic stabilizer legs, stroke = 250 mm and swing-up to 90°	-	+	-	+	-	-	-	-
Combined hydraulic/mechanic stabilizer legs, stroke = 400 mm and swing-up to 90°	-	-	-	+	+	+	-	-
1 or 2 stabilizer beams, vertical stabilizer leg, single extension (SV) 350 mm	-	-	-	+	-	-	-	-
1 or 2 stabilizer beams, swing-up stabilizer leg, single extension (SR) 350 mm	-	-	-	+	-	-	-	-
1 or 2 stabilizer beams, swing-up stabilizer leg to 90°	-	-	-	+	-	-	-	-
1 or 2 mechanical stabilizer legs incl. worm drive, stroke = 400 mm	-	-	-	+	+	+	-	-
1 or 2 hydraulic stabilizer legs, stroke = 250 mm	-	-	-	+	-	-	-	-
1 or 2 hydraulic stabilizer legs, stroke = 400 mm	-	-	-	+	+	+	-	-
Stabilizer beam 875 mm	-	-	-	-	-	+	-	-
Stabilizer beams 875 + 425 mm	-	-	-	-	-	+	-	-
Disc, preparation of stabilizer beam for swing-up stabilizer leg, 1 side	-	-	-	-	-	+	-	-
Disc, preparation of stabilizer beam for swing-up stabilizer leg, 2 sides	-	-	-	-	-	+	-	-
Stabilizer beams, stabilizer spread = 3,000 or 3,900 mm, stroke = 415 mm (SR)	-	-	-	-	-	-	+	-
Stabilizer beams, stabilizer spread = 3,300 or 3,900 mm, stroke = 415 mm (SR)	-	-	-	-	-	-	-	+

✓ standard

+ option

- N/A



● Dual Control of the Loader

By choosing dual control of the loader, operation of the main functions "slew", "boom" and "extension" as well as "stabilizer" and "extra valves" (if any), can be carried out from both sides of the loader, which offers optimal flexibility and safety for the operator.



● Hydraulically or manually operated Stabilizer Legs

HMF offers a considerable range of stabilizer solutions, which can be adapted to the vehicle and the working conditions in the best possible way. Mechanical stabilizer legs are a simple and low-cost solution that ensure complete and safe stabilization of both vehicle and loader. Hydraulic stabilizer legs offer a fast and safe setting up of the loader. The list of stabilizer types informs you of the wide range of possibilities available.



● Space saving M-Base

The M-base can be fitted directly in the body floor on a standard vehicle. The loader base takes up very little space on the truck body, as it is possible to place the reinforcement under the body floor, which allows more space for the load on the truck body. Stabilizer legs that are independent of the loader can be fitted separately on the chassis of the truck, if required, to give maximum flexibility when installing.



● Flexible P-base

The P-base is fitted directly on top of the truck body, which enables very easy installation to the vehicle. This base is supplied with a built-in stabilizer leg, which can be unfolded after opening the side panel of the truck. Loaders with a P-base are supplied with an integrated power pack and have easy access to all hydraulics. A solution for tomorrow, this base allows easy transfer to another vehicle, if required.



● Integrated, space saving Oil Tank

On the 50-T through 260-T loaders, the oil tanks are integrated in the base, which means that the loaders require minimum space on the truck body. The slewing system is constantly working in an oil bath, thus lubricating the movable parts ensuring a longer running time between each service overhaul.



On the 270-K and 340-K Series, the oil tank is fitted on top of the base as an integral part.



● Colours matching the Truck

HMF-loaders are supplied painted HMF red RAL 3002 as standard. Loaders are also available in customized colours, if required.



● Manual Extensions for increased Reach

HMF can offer manually operated extensions, if increased out-reach is needed in particular situations. This is a simple and inexpensive way to obtain larger flexibility for tasks that require an extra long reach.