

POWER TO LIFT

HMF CRANES FOR 16-28 TM LIFTING TASKS

Safe and reliable cranes for your daily work



HMF CRANES

16-28 TM

Strong quality and premium lift-to-weight ratio

Within the 16-28 tm range, our cranes offer a high lifting capacity with a premium lift-to-weight ratio. For you this means a great utilization of your craned vehicle, providing more space on the truck body. All main components of our cranes are made in ultra-high tensile steel, which gives you optimum strength and a long lifespan.

Our strong and durable cranes provide for minimal downtime and maintenance, which results in low cost of ownership.

Daily advantages with innovative design

The cranes are designed to offer extra space on the vehicle by having the lowest possible dimensions. They come with up to 8 extensions, and since the suspension traverse is quite low, stowing the crane is quite fast and offers more space on the truck body.

Having almost all hoses inside the main boom, makes for a nice lean crane design, while also protecting these from being damaged when operating the crane.



Why choose HMF?

Best in class lift-to-weight ratio

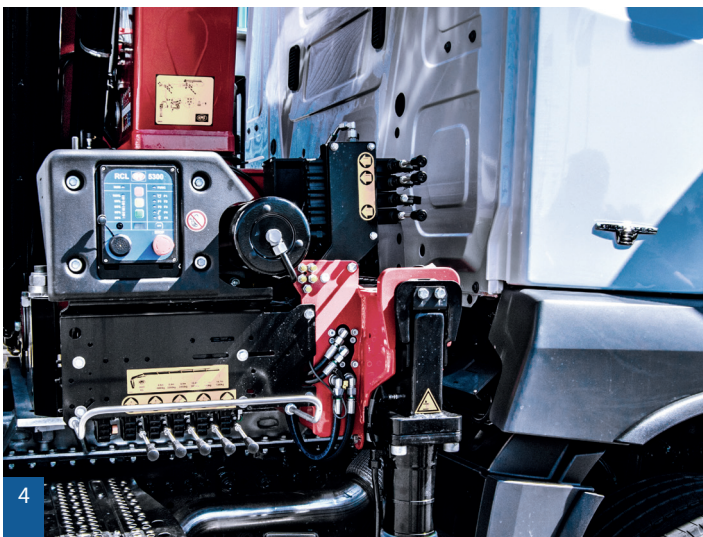
Clean design and low tare weight

Friendly service by industry professionals

Strong, sturdy and durable

EVS – patented* in 1999 – the original

SAFETY ABOVE ALL



Designing cranes that are safe to operate are corner stones in our DNA. We want you to be safe, when working with our cranes.

EVS - the original stability system

Electronic Vehicle Stability (EVS) is a dynamic vehicle stability system that constantly monitors the stability of the vehicle in all working areas during crane operation. EVS actively incorporates the load on the vehicle, the inclination of the ground, the vehicle heel, the load moment of the crane, and its working speed. EVS can increase the working area of the crane by calculating improving stability factors, for instance the load on the truck body and the stabilizer spread. The system of course meets the requirements of the EN 12999, which covers safety on loader cranes.

Information about crane operation

HMF InfoCenter is a radio remote control unit where you can see information on the current load, operation and load moment, the inclination of the vehicle, and a lot more. If the crane stops, you can see the reason immediately, and take suitable precautions.

Warning systems for your protection

Cabin Anti-Crash prevents the crane from colliding with the driver's cab during crane operation. If the system detects a collision risk, all movements that lead in direction of collision are stopped. The beam warning system (BEW), is a system that monitors whether the stabilizer beam is in correct transport position.

POWER TO LIFT



SUPPORTING YOUR DAILY **CHALLENGES**

Control and high volume

Our control valve is optimized to provide a higher oil flow, which means faster reaction and higher precision on the boom and jib cylinders.

The PVG 32 control valve with different control functions in combination with a new high-pressure filter kit provides a higher oil flow and thereby a lower generation of heat from pump to control valve.

This ensures a higher working speed, lower maintenance costs, and an improved operating economy.



User-friendly control functions

Progressive Crane Control (PCC)

The PCC function dampens both mechanical and hydraulic oscillations during sudden movements with the control valve levers, so crane movements are more flexible, while the work is more efficient, and wear and tear is reduced.

Priority Flow Control (PFC)

PFC controls the oil flow when operation requires more oil capacity than the pump can deliver, so none of the crane functions are stopped. All functions run, just more slowly, except for slewing, which is kept constant. This improves the operating economy, while at the same time the fast working pace is still ensured.

Slew Braking Control (SBC)

SBC dampens the slewing movement in case of sudden stops, and provides smooth slewing movements, comfort and efficiency in case of intensive use and high oil flow. Fast work (typically loading and unloading with a grab at a long distance) can be carried out faster. The impact and wear on the crane components are reduced and you obtain a higher re-sale value.



Selected options for your crane

Flexible fly-jib with high capacity

For long-reach challenges, the fly-jib 700 can be added to the crane. This is a flexible solution for better access under difficult conditions. The fly-jib, like the cranes, has a low tare weight, which allows for a larger load on the truck body and offers a particularly excellent lift-to-weight ratio on the crane and fly-jib.

150 l hydraulic tank

The 150 l tank is designed to fit inside the framework of the crane and as such offers more space on the chassis of the vehicle. This also means you can work fast and efficient for a longer period of time without the risk of the oil being over-heated.

Digital slewing sensor

With an integrated slewing sensor, the reaction from the safety system is optimized, as the stability area is registered with high precision.

Extra large stabilizer spread

With the new stabilizer spread of 7.4 m, our cranes can meet with a long-expressed wish of improving stability on a rear-mounted crane.



GLOBAL SERVICE NETWORK

HMF has a global network of service centres and partners ready to support you and provide service, so your crane can last for many years. This means help always is close by in case of downtime, maintenance, or other needs your truck and crane might have.

We know your crane has to work day in and day out. Our global spare parts team sends spare parts on a daily basis to ensure minimal downtime.

Further, we guarantee deliveries of spare parts for ten years after a crane model has been discontinued. Currently we have more than 30,000 items in stock. As such, we ensure support, accessibility and fast delivery to all service partners around the world.



HMF GROUP A/S

HMF Group A/S is one of the world's leading crane manufacturers within truck-mounted loader cranes. We design, manufacture, sell, and service strong cranes of high quality.

Our strategy is focused on constantly improving our core competencies. Being innovative, leveraging new technologies and working with smart people, enable us to develop and deliver strong cranes around the world.

International crane specialists

With headquarters in Denmark, we are represented around the world through sales and service partners. We believe our success is based on reliable cranes combined with service-minded colleagues and partners.

Our overall product line contains models with lifting capacities ranging from 3-95 tm, vehicle body buildings, and other transport equipment.

Our global network of service partners form the foundation of our service program and our partners have extensive knowledge about HMF cranes. Further, they have original HMF spare parts on hold and in case they are out, we ship on a daily basis from the headquarters in Denmark.





POWER TO LIFT





SINCE 1945



Local service
– find your nearest HMF partner here:

[hmcranes.com](https://www.hmcranes.com)

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