**POWER TO LIFT** 

## HMF CRANES FOR 32-50 TM LIFTING TASKS

Cranes for demanding lifts, assembly work and builders' merchants



# HMF CRANES 32-50 TM

## Durability and strength combined with high lift-to-weight ratio

In the lifting segment 32-50 tm, our cranes are designed for durability, strength and a premium lift-to-weight ratio. To ensure strength, the main components are made with ultra-high tensile steel, which is a high-quality steel type that is lighter but stronger than the usual type of steel.

### Optimal lifting capacity for assembly work

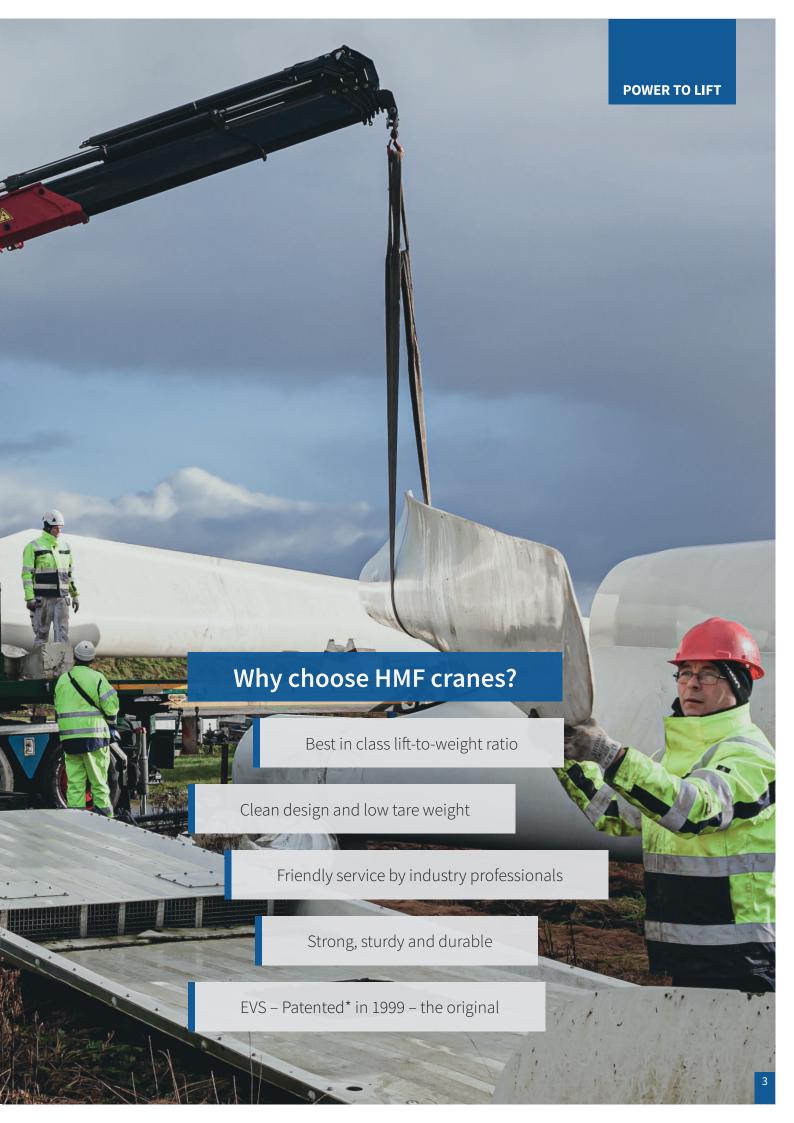
The design of the cranes offers a superior lift-to-weight ratio, and if extra lifting power is important, we have models with fly-jibs specifically adapted to optimal lifting capacity. These cranes are optimized to handle demanding lifts, assembly work and are often used by builders' merchants.

### Daily advantages with innovative design

The cranes are designed to offer extra space on the vehicle body by having the lowest possible dimensions. They come with up to 7 extensions, and since the suspension traverse is quite low, stowing the crane is quite fast and offers more space on the truck body.

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





# SELECTED **OPTIONS** FOR YOUR CRANE





## **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

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

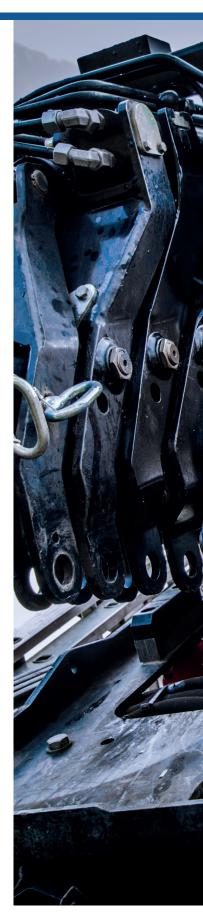
HMF InfoCenter is a radio remote control unit where you can see information on the current load, operation and load moment, the inclination of the vehicle, and a lot more. If the crane stops, you can see the reason immediately, and take suitable precautions.

#### 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.









# STRONG SUPPORT FOR YOUR DAILY **WORK**

### **User-friendly control functions**

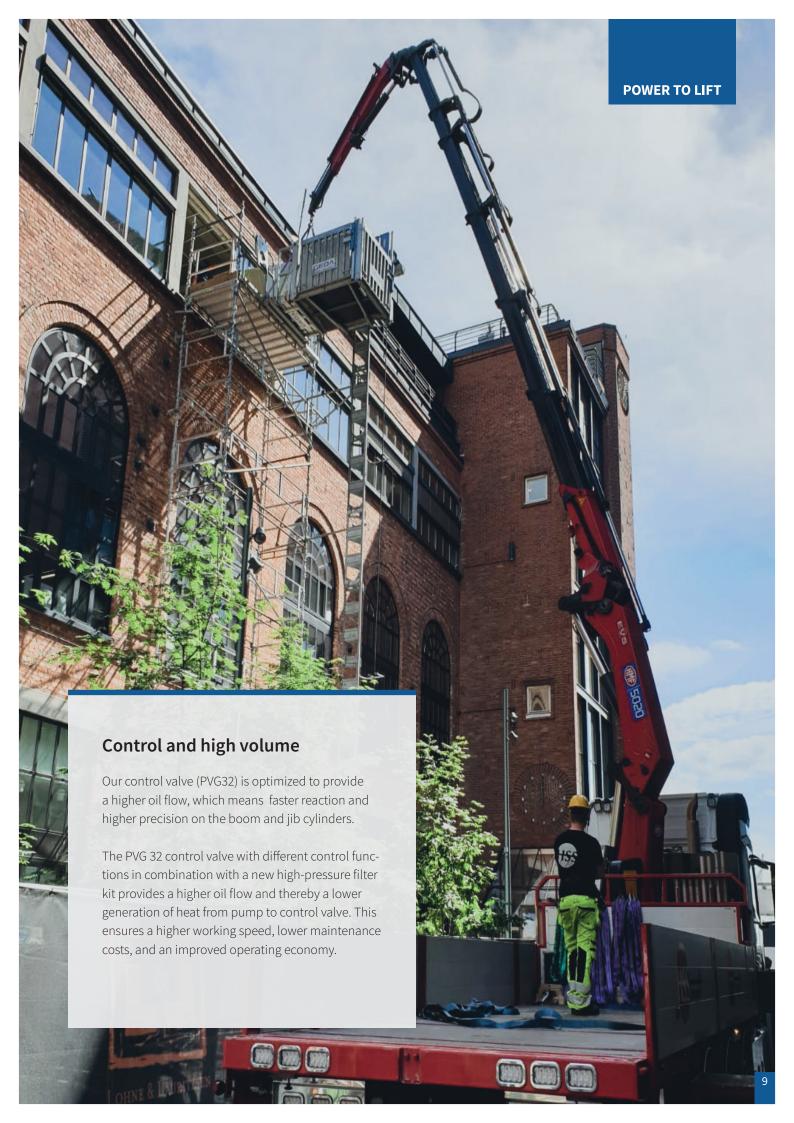
#### Progressive Crane Control (PCC)

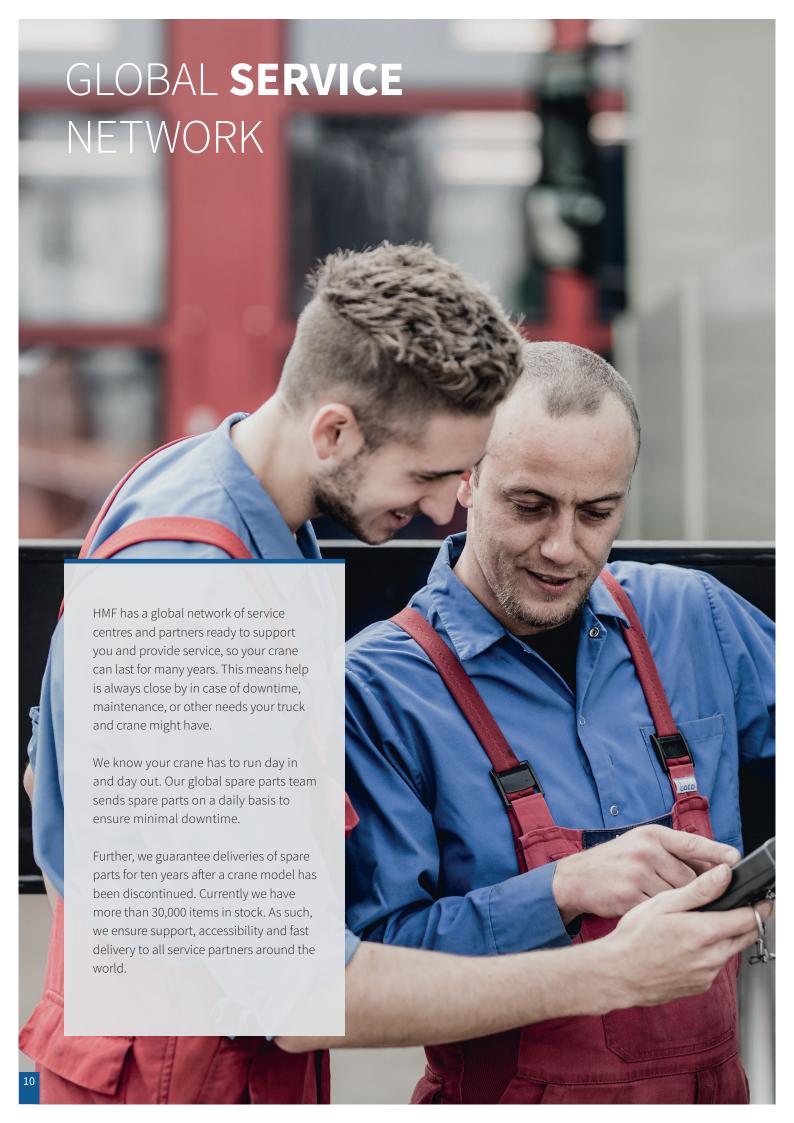
The PCC function dampens both mechanical and hydraulic oscillations during sudden movements with the control valve levers, so crane movements are more flexible, while the work is more efficient, and wear and tear is reduced.

#### **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.









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.



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SINCE 1945

