HMF CRANES FOR 70-95 TM LIFTING TASKS

Reliable cranes for demanding lifts

CRANE SALES

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MIMICO

HMF CRANES
70-95 TM

Strength inside out for a high lift-to-weight ratio

Within the 70-95 tm range, our cranes are designed with attention to space requirements, usability, strength, and high lift-to-weight ratio. The main components are made of ultra-high tensile steel, which gives you optimum strength and a long lifespan.

Optimal lifting capacity, also with fly-jib

The design of the cranes offers best-in-class lift-to-weight ratio, and if extra reach is important for you, our models with fly-jibs are specially adapted for optimal lifting capacity at long reach.

We also offer models with a semi-automatic hoist solution, where the boom system with fly-jib is foldable with hoist.

Designed for long-term use

Most of the hose routing is internal, which offers superior protection of the hoses against damage and long-term decomposition through sunlight.

Having almost all the hoses inside the main boom also makes for a nice lean crane design.

Sturdy swing-up stabilizer solution

A small hydraulic cylinder supplied by its own stabilizer valve section ensures the swing-up movement of the leg. This way, the operator has full control of the swing-up movement of the stabilizer leg.

Why choose HMF cranes?

- Compact design provides extra space for your load
- Strength, sturdiness and durability to last many years
- User-friendly and smooth operation makes work effortless
- Individual guidance before, during, and after purchase

OPTIMIZED KNUCKLE BOOM SYSTEMS

Based on your needs, you can choose between two knuckle boom systems. The classic **k**nuckle boom system (**K** cranes) and the **o**ptimized **k**nuckle boom system (**OK** cranes).

K cranes - Designed for extra strength

The classic knuckle boom cranes are designed to offer additional strength. If you need increased strength, they offer an extra wide extension profile in order to increase the stability of the entire boom system, when doing heavy lifts. This boom system is also designed with internal cylinders on the K6 and K7 extension versions for optimal protection of the cylinders. This means very small dimensions at the end of the extensions.

Long reach for demanding tasks

7020K and 9520K are available with up to 8 extensions and boost a hydraulic reach by over 20 m without fly-jib. With a fly-jib, you will reach even further! A 9520-K8 with FJ1400-K6 will give you a hydraulic reach by over 33 m.

OK cranes - Designed to offer extra space on your vehicle

The **o**ptimized **k**nuckle boom crane is a great choice when the extra centimetres for loads on the truck body really matter. Also when doing long reaches.

This boom system is optimized so that the folded crane takes up less space (20 cm less) which today (April 2023) is the shortest in its class. This means you get additional space for your goods on the truck body. With this compact design and minimum space requirements, you obtain the optimum utilization of your truck body.

Protected extensions for better access

On the longest version with 6 extensions (OK6) we have placed the last extension cylinder inside the boom for optimal protection and the smallest dimensions at the end of the extensions, allowing better access through i.e. windows.

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 Power Display 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.

Best protection of your crane and vehicle
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 Limitation of working area – horizontal system (LWH) gives the possibility to set a working area and save 5 different working areas for later use. It is perfect for users who often operate close to railways or motorways.

THE ORIGINAL

STRONG FEATURES FOR YOUR DAILY **WORK**

High volume and low maintenance costs

Our control valve (PVG32) 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.

Strength, precision and user-friendliness

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.

Stable operation and high speed
Our cranes have a 2-gear slewing system and a slewing torque up to 9000 kgm, giving you smooth operation and precise positioning with fast and efficient control. The slewing gears are protected by a smart casing, which you can easily take off and put on again for servicing.

Selected options for your crane

Flexible fly-jib with high capacity
For long-reach challenges a fly-jib can be added to the crane. This is a flexible solution for better access under difficult conditions. Our fly-jibs, like the cranes, have a low tare weight, which allows for a larger load on the truck body and still offers a high lift-to-weight ratio on the crane and fly-jib.

Custom-made hydraulic tanks
The 320 l and 390 l tanks are 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.

Automatic swing-up hoist (ASH)
On cranes with fly-jib and hoist, ASH will automatically bring the hoist into the correct position when unfolding and folding the crane and fly-jib.

Wire Rope Assist (WRA)
Using a hoist may be a complicated operation because you need to make sure that the wire rope winds and unwinds at the same pace as you extend and retract the extensions of the crane or fly-jib. With WRA, the winding and unwinding of the wire rope will happen automatically, letting you concentrate on the load and the task you are fulfilling.

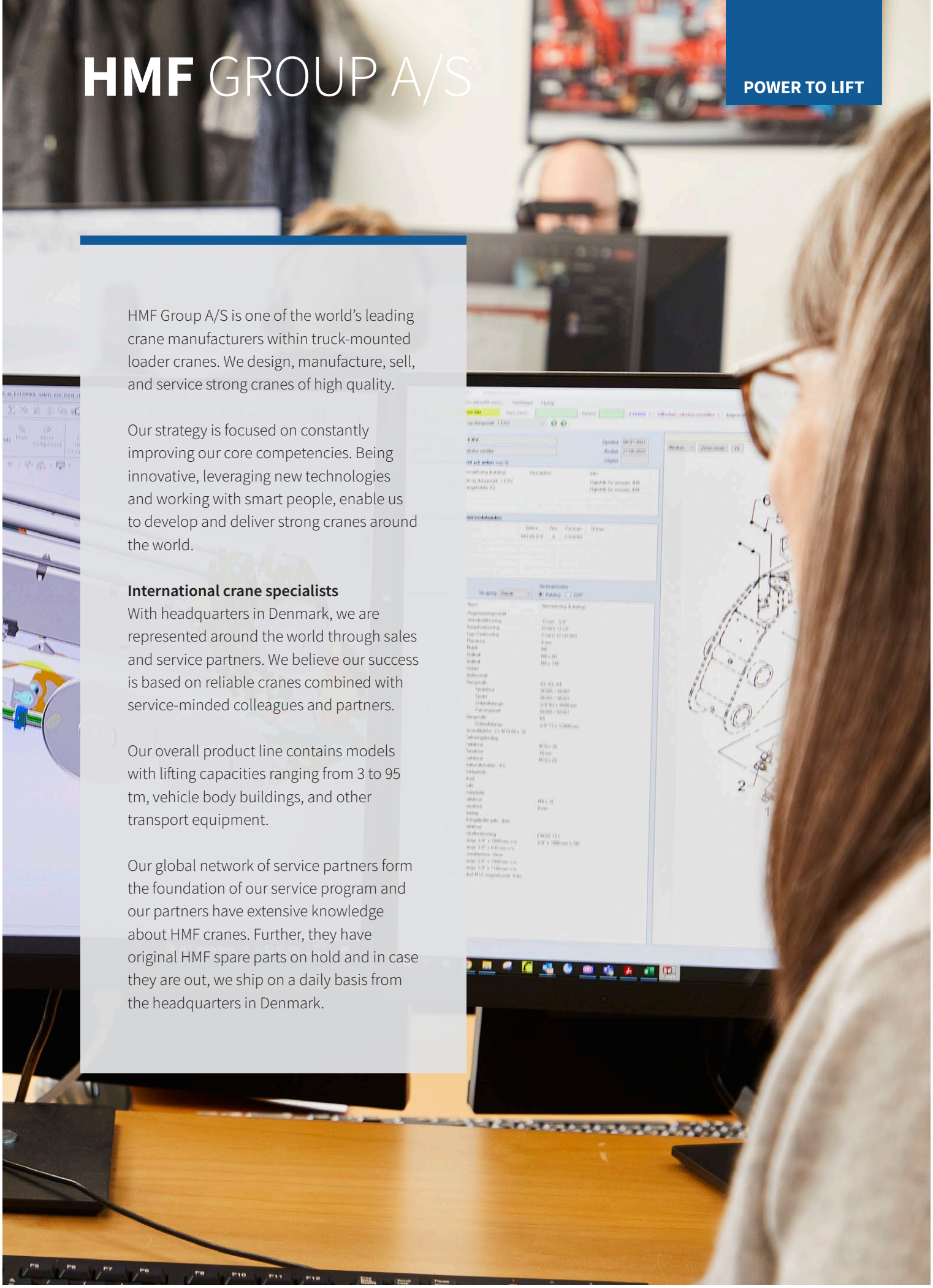
GLOBAL **SERVICE** NETWORK

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 is always close by in case of downtime, maintenance, or other needs your truck and crane might have.

We know your crane has to run 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 to 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.

SINCE 1945

Local service
– find your nearest HMF partner here: