

ODIN & THOR



- power to lift.

Therefore Odin & Thor:

HMF has named the two new, big loaders after the strongest gods in Norse mythology.

Odin

One of the principal gods in Norse mythology. Odin, the one-eyed god, was a god of magic, wisdom, poetry, death, war and victory. Odin was the all-seeing – therefore the eye above the “i” in HMF Odin’s logo

Thor

Son of Odin. The god of thunder and lightning, war and strength. He possessed tremendous power and when he rode his carriage across the sky pulled by two goats, lightning flashed from the rims and thunder rumbled from the wheels. Thor was the strongest among the gods in Asgard (the home to all the Viking gods) and his most dangerous weapon was the magic (lightning) hammer Mjölner, which is used in the logo for HMF Thor.

ODIN

THOR

EOS



Four recurrent Features

No matter which users we have spoken to, four features kept on recurring, when they were asked to tell us what they wanted from a loader in this size:

- High lifting capacity / long out-reach / low tare weight
- High working speed
- Logical and simple operation
- High flexibility for demanding tasks

To see how we have satisfied and exceeded these key criteria, keep reading...

High Lifting Capacity / long Out-Reach / low Tare Weight:

It goes without saying that a loader within this range has a high lifting capacity, but this is not really relevant before it has been combined with a long out-reach – so that is what we have done. Odin and Thor's jib system is available with up to eight extensions, which means that you can achieve a hydraulic reach of up to 20.5 metres. If this is not enough, you can just mount our new Fly-Jib with up to six hydraulic extensions, which increases the out-reach by a further 13 metres. This should satisfy most needs...

High working speed:

High lifting capacity and long out-reach are important – but what about productivity? We have made great effort to ensure a high working speed, thus enabling operators to get a return from their investment. A number of optimisations have been made, but most important of all is the electric regeneration on all main cylinders. By doing this, we can actually double the cylinders' speed, by recycling the oil flow on the piston rod side of the cylinder. And you can really feel the benefit!

Logical and simple Operation:

With Odin and Thor's high lifting capacity and long out-reach, it is very important that the operation is precise, simple and safe. All functions are controlled by means of our radio remote control, which makes it possible for you to control not only the loader but also the stabilizers at a suitable distance. This permits an efficient and safe operation, because you just place yourself where you have the best visibility of the working area, thus allowing the load to be handled in a precise and safe way.



- B** The HMF Odin and the HMF Thor are available with winch (peripheral option). When the winch is not being used, it can be stowed on top of the main boom when the loader is folded for transit. The winch is then moved down into its working position by means of a hydraulic stowing bracket.

High flexibility for demanding Tasks:

No two customers are exactly the same and that is a fact that has been taken into consideration when developing Odin and Thor. There is an extensive range of peripheral options available on the loaders, which allow Odin and Thor to be optimised and made yet more simple and safe. For example you can utilise the out-reach and lifting capacity with a Fly-Jib, which in combination with "over-bending" on the main boom allows the Fly-Jib to place loads horizontally through low gates. You can increase safety, when lifting heavy burdens or when lifting at long reach, by means of the EVS system, which monitors, utilises and ensures the actual stability of the vehicle. By means of our new, interactive information system, HMF InfoCentre, you can get to know in just one display everything you need to use your loader in the best possible way. And there are many more examples.....



- C** As something new, you can operate the stabilizers for HMF Odin and HMF Thor by means of the radio remote control. If you choose a radio remote control with HMF InfoCentre, you will always be able to see on the display the loader or stabilizer functions you are operating with the radio remote control.

- D** An extra fine point on the Odin and Thor loaders is the internal hose routing in the stabilizer beam. This avoids unnecessary wear and tear and prevents hoses getting trapped.

Talk is cheap

You know it very well: Talk is cheap. There are no limits to how fabulous a product is, when it is being described in a brochure, and this goes for everything from video recorders to loaders. So even though we think we have designed and built a pretty impressive product, we have also tried (a little) to be modest and as objective as possible. Irrespective of this, if you think that Odin and Thor sound too good to be true, then let us demonstrate them to you; or maybe even better, talk to some of our customers, who have already had a great experience with our new loaders. Then you will understand why we are convinced that also within the range above 50 tm, we will soon be among the big players in the market.



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The HMF Odin and the HMF Thor have a low height when parked in the truck body thanks to "over-bending" on the main boom.

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HMF Odin and Thor have been developed so that it is possible to articulate 14° above horizontal by means of the main boom/jib, while the Fly-Jib has an over-bending of 20° . These facilities mean that you can easily place loads through low gates and up under a roof.

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Odin and Thor lift HMF onto a new, global, Plateau

During recent years, HMF has gained market share with a range of loaders from 0.5 through 37 tm. The gains have been such that we have become one of the world's largest loader manufacturers. As this growth has enabled us to express our ability in manufacturing loaders to this extent, why not utilise that knowledge and experience to develop further into a higher, new range? These were our thoughts when we started the project, and today we are proud to be able to introduce the HMF Odin in the 52-tm range and the HMF Thor in the 72-tm range. We are convinced that our new, big loaders will turn out to be precisely what the market is demanding. Why? Because at all stages of the development work we listened to the only true experts: The end-users.



When you ask, you get an Answer

At HMF we are always working hard to maintain (and enhance) our reputation for listening to customers' needs and requirements. What would be the point of designing and building a high-tech/high-spec loader, if this were not really what our customers wanted? In connection with developing Odin and Thor we went one step further, because before even plotting the first line "on the drawing board", we gathered selected customers, who already had experience of using loaders in the 50 tm+ categories. In this way we found out both what the market wanted, and what is just as important; we found out which pitfalls to avoid.

A Dream Situation

As we were not restricted by a certain technology or by trying to build from an existing platform from similar loaders, our Development Department found they were in a dream situation: They knew exactly what the market did and did not want, giving them the opportunity to take a genuine "clean sheet approach" with not limits. The result? Judge for yourself, but both we and all the end-users, who have helped us during the development work, can hardly wait for the world to see!



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