

# HIAB 550 Capacity 55 tm



Product brochure



# A **reliable** crane for **giant** tasks



## **The HIAB 550 gives you productivity**

The 55 tonne-metre HIAB 550 is a high capacity crane especially suitable to handle really heavy loads, safely and efficiently. The crane has an advanced boom system made of high tensile steel, which keeps overall weight down. What's more, the HIAB 550 has numerous features designed to improve reliability and minimize maintenance costs. Such are the internationally acclaimed JIC coupling system that assures perfect connection and sealing in the hydraulic system. Extra large slide pads are fitted on the boom extensions. These ensure less wear and even smoother movement when extracting or retracting.

## **Comfort and efficiency is top priority**

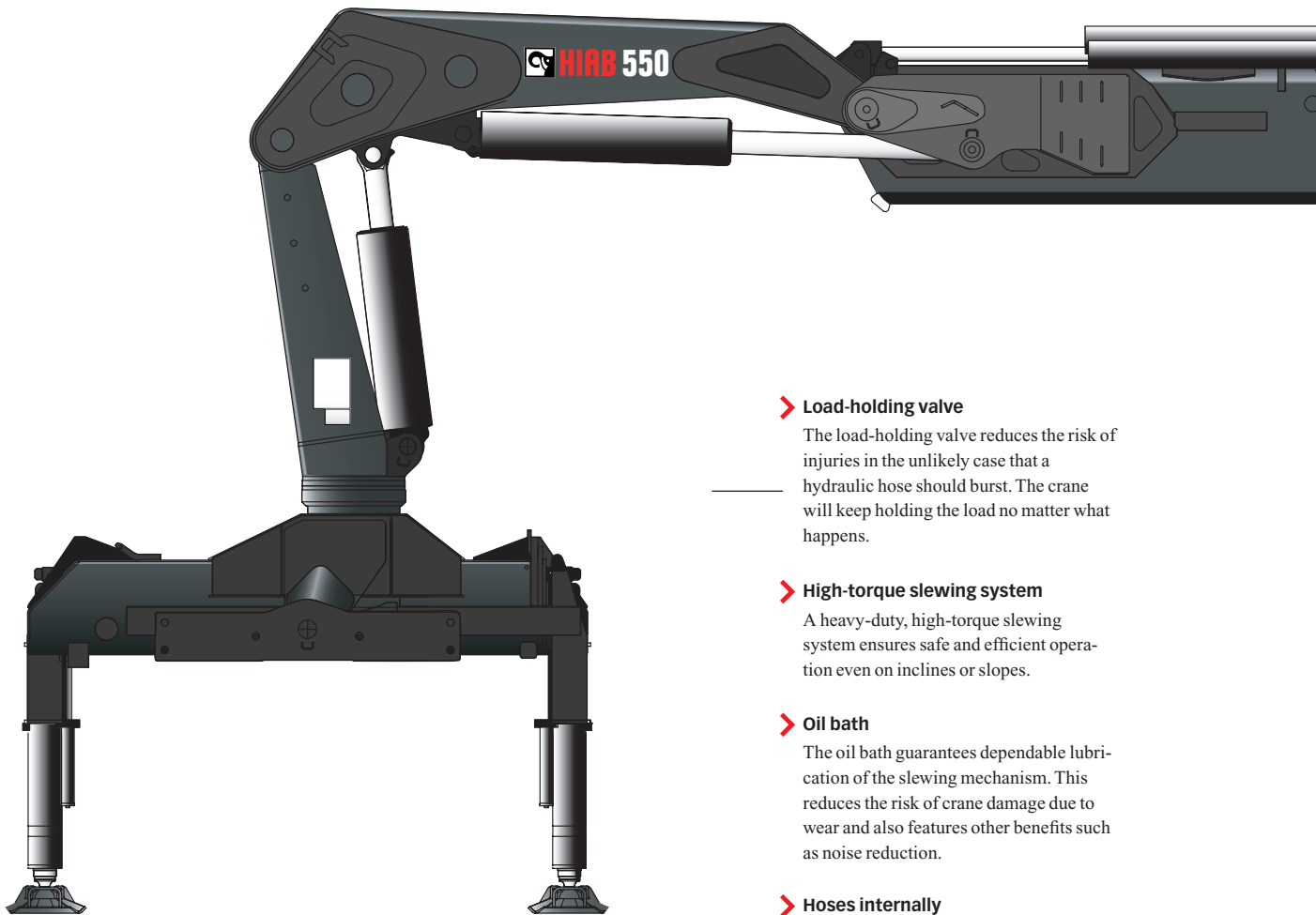
To get even more out of your HIAB 550 a jib can be mounted. This will provide you with a total reach of more than 24 metres. The crane is delivered with the HIAB Valve 91 as the main hydraulic valve. It will provide precision that is second to none. With the HIAB CombiDrive remote control you can always stand at the best possible location when operating your crane. On top of all this, the highly beneficial SPACE intelligence system manages a number of safety and productivity functions. The HIAB 550 is focused on efficiency, giving you a quick return on your initial investment.

### Front runners in boom design

A Hiab crane is built to withstand extreme loading under all kinds of circumstances, in all field conditions. Keeping the boom reliable, tough and sturdy under extreme loading has made Hiab a world leader in crane boom engineering. Taking a closer look at the crane, one can point out a number of features that our customers benefit from.

### Optional side supports

On cranes equipped with an optional hose and pipe kit, side supports are fitted on each boom extension. These supports stabilize the boom laterally and minimize play.



#### > Load-holding valve

The load-holding valve reduces the risk of injuries in the unlikely case that a hydraulic hose should burst. The crane will keep holding the load no matter what happens.

#### > High-torque slewing system

A heavy-duty, high-torque slewing system ensures safe and efficient operation even on inclines or slopes.

#### > Oil bath

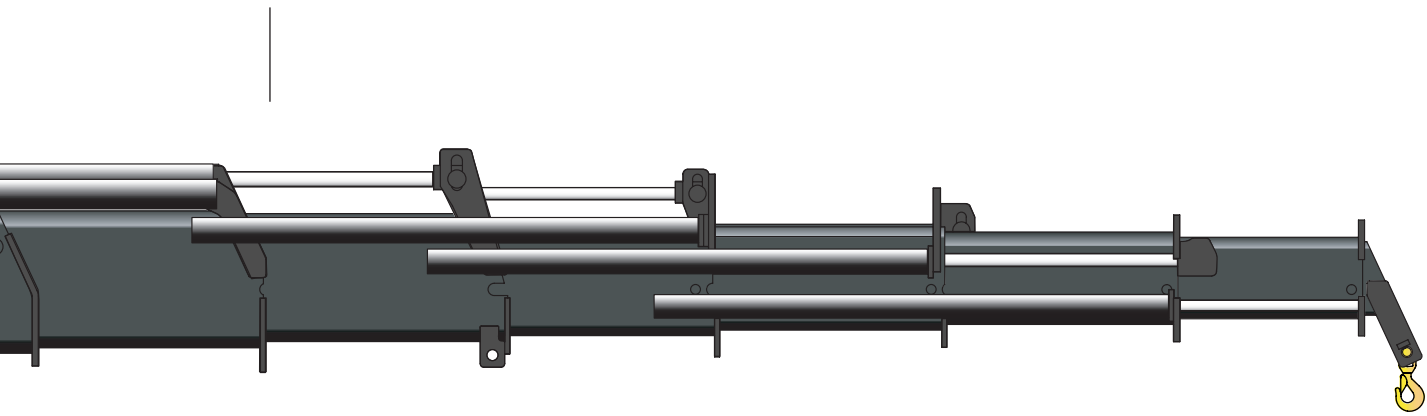
The oil bath guarantees dependable lubrication of the slewing mechanism. This reduces the risk of crane damage due to wear and also features other benefits such as noise reduction.

#### > Hoses internally

The hoses are run internally in the crane body and in the outrigger beam, where they are out of harm's way, thus reducing maintenance costs.

> **Hexagonal boom profile**

The hexagonal profile ensures the boom is always in perfect balance, due to its shape and big support surface. The profile also minimizes boom deflection. This reduces maintenance costs and increases efficiency.



> **JIC couplings**

JIC couplings are standard on most Hiab cranes. They assure secure coupling easily, and are still very easy to disconnect for service.

> **Large slide pads**

Large slide pads reduce friction and wear keeping maintenance costs low. Also the boom system needs no greasing, and thus it is kept cleaner than our competitor's boom systems.

> **Attachable tools**

A wide range of attachable tools are available for your Hiab crane. These make sure you can carry out a lot of different tasks.

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## > SPACE intelligence system

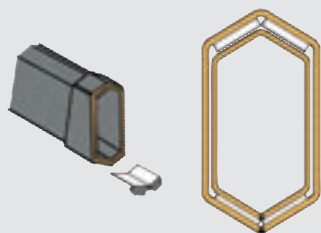
The SPACE system intelligently monitors and controls the electronic functions of your crane. These functions are focused on assisting the operator in two aspects, safety and productivity.

Safety is managed by an Over Load Protection (OLP) function. Thanks to OLP the crane can also be operated in front of the truck cabin, an area that is traditionally not possible to go into. High boom warning also contributes to the increased safety that Hiab is so well known for. Automatic Dumping of Oil (ADO) keeps the oil in top condition by leading the oil straight back into the tank when the crane is running idle. Productivity is increased by the use of Pump Flow Distribution (PFD) keeping all function running as expected event when the required oil flow is not sufficient.

Furthermore, the system handles functions primarily used by service personnel such as fault code indication and load cycle data.

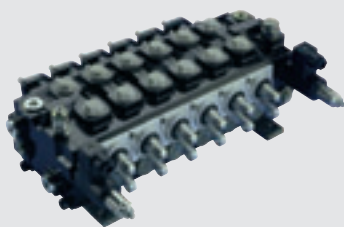
## > Operating your crane by remote control

The benefit of Hiab's remote control units ensures that the crane operator can be positioned at the best possible location when operating the crane. This leads to more efficient, comfortable work and also increases safety. A further spin-off effect is that you can be your own loading assistant due to the fact that you can position yourself next to the load, or wherever the loading assistant would be standing. Your tasks will be completed faster and at a lower cost.



### > Hexagonal boom profile

The hexagonal profile used on Hiab booms is a ground-breaking design introduced by Hiab many years ago. It is now standard throughout the market of loader cranes. Even the smallest of Hiab cranes benefit from this design.



### > Valve 91

The HIAB Valve 91 can handle very large oil throughput. It is a closed centre, pressure-compensated and load-sensing control valve. This provides the operator with a fingertip feel when controlling the crane.

### > CombiDrive

The HIAB CombiDrive control unit can handle up to 12 proportional functions, thereby controlling all movements with the same precision.



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