



# HIAB X-HIPRO MID-RANGE CRANES BRIGHTER IN BLACK



# ALWAYS THE BRIGHT

When you choose a HIAB mid-range crane, you choose more than good looks. You make a wise choice, because underneath the sleek black finish is a truly versatile workhorse.

Whichever model you select, you do well in selecting a HIAB.

## Cranes that stand out

Every one of our HIAB mid-range cranes is built with HIAB quality – and full of smart features that help you do more jobs with less effort. You get a crane to rely on, from the tough-as-nails exterior to the fine response of the hydraulics. Not only will your crane excel in your challenges today, it will stand the test of time to provide a high residual value tomorrow.



# CHOICE

## Control that lets you shine

Each HIAB mid-range crane is available with a full selection of control systems, which is probably the smartest thing of all. This lets you match your crane to your way of doing things, whether you want a robust solution for basic lifting

and loading or a high-precision solution for the finest remote control.

This brochure focuses on remote control with the HIAB HiPro control system.



# BUILT TO PERFORM

When it comes to performance, HIAB X-HiPro mid-range cranes truly have it all. Besides the advantages of their geometry and construction, they have the advantage of the market's very best control system: HIAB HiPro.

## Top precision and productivity

HIAB HiPro mid-range cranes are designed with the very best in hydraulic valve technology – which gives you the very best from your crane. The newly optimised V200 valve can handle variable pump oil flows up to 200 l/min, combined with rapid oil regeneration. Not only does this keep the oil cooler, it lets you perform advanced duties with the very highest speed and accuracy.

## Control that saves time and fuel

The instant response from the X-HiPro remote control system is nothing short of extraordinary. Pump Flow Distribution (PFD) keeps the crane's movements in perfect proportion to your control movements, and the high flow of oil lets you perform a large number of actions simultaneously.

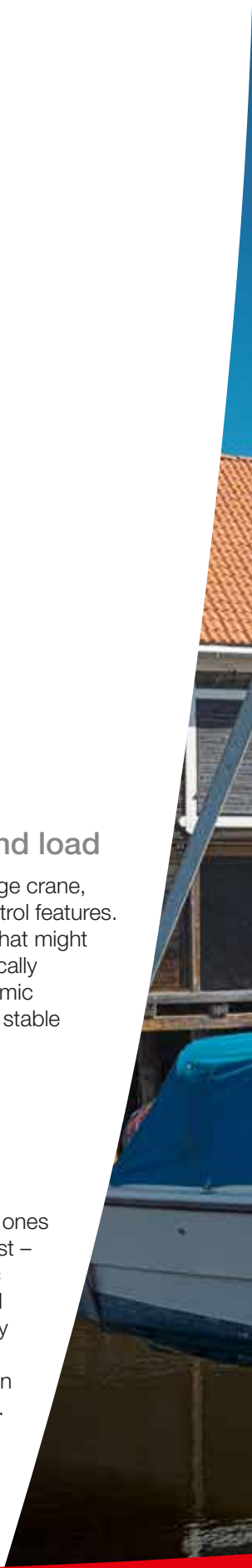
Because the oil can be supplied with a variable oil pump, no more oil is pumped than necessary. That ensures the lowest possible fuel consumption, which means lower emissions as well.

## Protection for both crane and load

Safety is a given with an X-HiPro mid-range crane, thanks to an abundance of intelligent control features. Some of these prevent operator actions that might damage the crane itself. Others automatically dampen unwanted forces, reducing dynamic stress on the crane and keeping the load stable at all times.

## Added capacity – without lost time

Perhaps the best control features are the ones that boost capacity when you need it most – without interrupting your work. Automatic Duty Control (ADC) and Automatic Speed Control (ASC) engage directly, without any stops or manual actions. These features, together with the best hydraulic system on the market, boost capacity by up to 30%.





*“When it comes to speed and accuracy, my HIAB X-HiPro crane delivers.”*

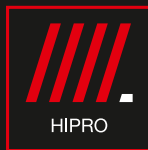
# BRIGHTER IN BLACK

HIAB X-HiPro mid-range cranes are packed with features that make them the smart choice for lasting versatility – right down to their durable black finish. Light yet heavy-duty, they provide maximum productivity with HIAB HiPro remote control.

## HIAB HiPro keeps you in control with pinpoint precision

HIAB HiPro is the most advanced remote control system in the industry. With a high flow of oil that allows many simultaneous movements, it ensures the highest speed and precision – for the greatest productivity.

HIAB HiPro has Automatic Speed Control (ASC), which increases capacity without stopping or any action from the operator. Pump Flow Distribution (PFD) distributes the oil evenly in proportion to control movements, ensuring super-smooth operation without sudden load accelerations.



## nDurance

HIAB nDurance protects the crane from the elements with the best in surface protection. Technologically advanced and environmentally sound, this high-tech painting system first shields the crane's parts with an ultra-thin nanoceramic layer that prevents corrosion. Afterwards they receive a lacquer polymer e-coating and a durable powder coating, creating stunning good looks that will last the crane's lifetime.

**nDurance**

## Load Stability System (LSS)

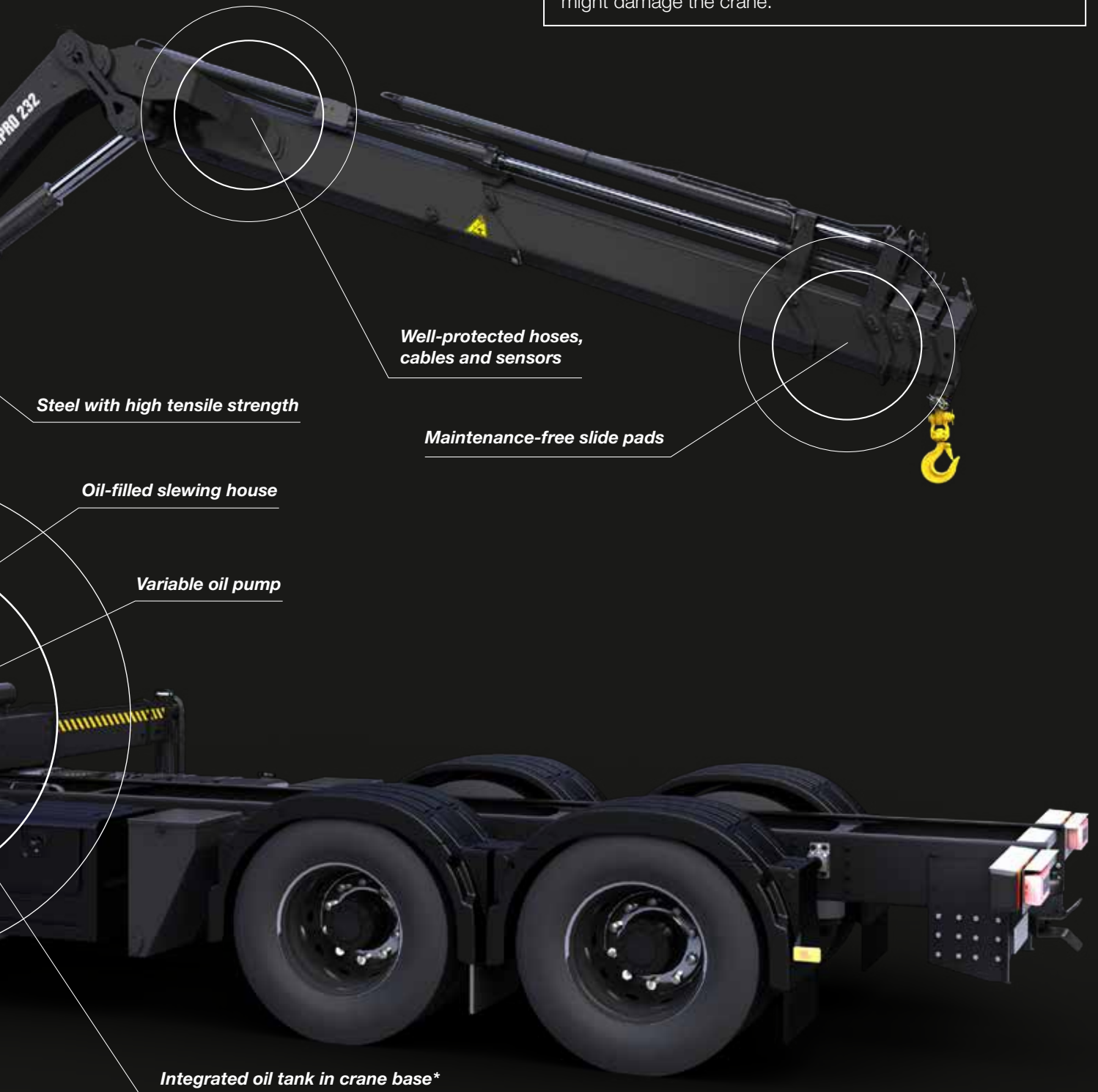
LSS automatically dampens abrupt stops that could otherwise cause the load to swing. This makes crane operation faster and smoother and helps protect the cargo, the vehicle and the work environment in the vicinity of the crane against potential damage.



*Easy tilting of stabiliser legs*

## Boom Deployment Assistant (BDA)

The Boom Deployment Assistant (BDA) monitors the angle and position of the boom during folding/ unfolding, preventing the operator from making any movement that might damage the crane.



\* Standard or optional, depending on crane model

# A MID-RANGE CRANE

No matter what type of loads you move, there is a HIAB X-HiPro mid-range crane to match. Our offering covers a full range of loading capacities, and we tailor a solution that meets your requirements in every detail. Your choice of control system is only a start.



Technical data	HIAB X-HiPro 142	HIAB X-HiPro 162	HIAB X-HiPro 192
Lifting capacity (kNm)	131	150	178
Lifting capacity (tm)	13.3	15.3	18.1
Outreach, hydraulic extensions (m)	6.0-15.1	6.0-15.1	8.3-17.5
Installation space required, rotation area not included (mm)	817-963	878-969	865-985
Height in folded position (mm)	2236-2261	2261	2260-2265
Weight in standard version, without stabilisers (kg)	1580-2020	1710-2190	1935-2495
Weight, stabiliser equipment (kg)	244-385	244-385	271-428
<b>Features</b>			
nDurance	Standard	Standard	Standard
Base-mounted oil tank	Option	Option	Option
High seat	Option	Option	Option
Platform	Option	Option	Option
E-link	Standard	Standard	
E-link and X-feature			Standard
P-Boom			
Automatic Damping of Oil (ADO)	Standard	Standard	Standard
Automatic Duty Control (ADC)	Standard	Standard	Standard
Automatic Speed Control (ASC)			
Pump Flow Distribution (PFD)	Standard	Standard	Standard
Load Stability System Vertical (LSS-V)	Option	Option	Option
Load Stability System Horizontal (LSS-H)	Option	Option	Option
XSDrive remote control	Standard	Standard	Standard
XSDrive remote control Joystick	Option	Option	Option
CombiDrive remote control	Option	Option	Option
External Display	Option	Option	Option



# FOR EVERY NEED

## The right boom for the right job

With up to four hydraulic extensions, the B-link boom system essentially creates a crane without boom links, which is ideal for lift-and-load applications. If long outreach is more vital, the E-link boom system provides up to six hydraulic extensions, which allows higher positioning and lifts further away from the truck.

Certain HIAB mid-range crane models are also available with an EP boom system, where the E-link construction has been optimised for fewer but longer extensions. This unique construction provides even more power for lifting close to the truck.

For HIAB X-HiPro 192, 262 and 302 mid-range cranes, a jib is also available. The X-HiPro 142, 162 and 232 are optimised for maximum capacity without the use of a jib.



HIAB X-HiPro 232	HIAB X-HiPro 262	HIAB X-HiPro 302
209	233	271
21.3	23.7	27.6
8.0-17.3	8.0-21.0	8.0-21.0
857-1022	1070-1200	1070-1200
2269	2393-2401	2393-2401
1940-2510	2490-3540	2700-3750
271-428	381-465	381-465
Standard	Standard	Standard
Option	Option	Option
Option	Option	Option
Option	Option	Option
Standard	Standard	Standard
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# CONTROL FOR EVERY

HIAB mid-range cranes are sold with a full selection of the market's best control systems. More than just manual or remote, the choice depends on how you work and the level of precision you need.

## Manual control systems

Reliable and durable, HIAB manual control systems are easy to learn and operate. They give you solid all-round performance for a very reasonable investment.

### HIAB CLX\*

HIAB CLX is a robust, no-nonsense choice that lets you handle a variety of lifting and loading tasks with ease. Manual cross-control provides the same sequence of levers on both sides of the truck, which lets you operate from either side for the best safety and efficiency.

*\*Availability dependent on local regulations.*

### HIAB Duo

Like HIAB CLX, the HIAB Duo control system has a cross-control setup with the same lever sequence on both sides of the truck. But HIAB Duo takes manual control further. Besides giving you great lifting and loading performance, it incorporates a range of safety features and capacity-enhancing Automatic Duty Control (ADC).



# SITUATION

## Remote control systems

Remote control lets you work from a safe distance away or right where the action is – always with an unobstructed view. HIAB remote control systems are our most advanced, with a high level of safety and smart functions that give you added capacity when you need it.

### HIAB HiDuo

HIAB HiDuo is a choice for high efficiency and value. It ensures great performance and fast load cycles, for example by allowing you to perform several actions simultaneously. The crane responds instantly to your lever movements and provides added stability even during vertical lifts, which means you have full control over the load at all times.

### HIAB HiPro

HIAB HiPro is simply the best of the best, offering top versatility and precision for the very highest productivity. Its high flow of oil creates ultra-quick and ultra-smooth response, with support for a large number of simultaneous movements. That brings out the best in both crane and operator, ensuring rapid load cycles, total safety and the lowest lifetime cost.



# ACCESSORIES THAT ENH

Extend the versatility of your HIAB mid-range crane by adding one or more tools from the wide range of HIAB accessories. Manufactured to the highest standards, they enhance functionality and performance.

## HPXdrive

The HPXdrive is a maintenance-free and extremely robust, available in two versions: standard and heavy-duty. Thanks to the constant closing force, an HPXdrive is a perfect choice for tough applications such as digging.

## HPXdrive shell

When using an HPXdrive, you can easily switch between additional compatible shells. This is done simply, by first loosening and then tightening only a few bolts. All shells can be ordered separately.

## Bottle discharge units

With our units for lifting and emptying underground containers, you can work with the Mushroom (Kinshofer) system or the Ring system in the fastest and safest way possible. The accessories ensure fast operation and precise positioning in combination with the HiPro control system.

## Hydraulic hook

A hydraulic hook is used to pick up a pallet fork from the truck body in a more safe and efficient way. When the hook is used, the driver no longer has to climb up and down from the vehicle. The hook can also be used for attaching and detaching slings in remote positions.

When choosing Hiab Selected Accessories, you can be sure to get the most out of your equipment. Hiab Selected Accessories live up to the market-leading Quality and Performance standards set by Hiab.



# ANCE YOUR EQUIPMENT



# EASY TO MOUNT, EASY TO SERVICE

When you choose a HIAB mid-range crane, you choose a crane that will stay with you over the long haul. Hiab will be with you too, providing world-class service and support. Our commitment to quality and reliability goes beyond the crane itself to include parts, services and preventive maintenance.

## Thinking ahead

HIAB mid-range cranes are optimally built for easy mounting on the truck chassis. The whole installation, including any necessary chassis reinforcements, is designed for the lowest possible overall weight.

To make installing your crane simple and quick, we provide complete documentation including technical data, installation instructions and software for calculating axle loading and stability.

## Your time is valuable

HIAB mid-range cranes are designed for easier everyday maintenance. Key parts and components that require regular attention are located where you would expect them, and where they are easy to access. A good example is the integrated oil tank in the crane base, which can be installed without rearranging truck components and is quicker and simpler to reach.

When more is required, our fully trained and accredited service personnel know all there is to know about your HIAB crane. Above all, they know the importance of servicing or repairing it as quickly as possible. With the absolute minimum downtime, they get your product back in business and making a profit.

## From parts to people

Original spare and wear parts of the highest quality ensure that your HIAB mid-range crane will always be a HIAB product. In other words, they give you the same functionality, performance and safety you have chosen from the start.

With the largest service network in the industry, you are never far away from our skills and expertise. Like our cranes, our people work harder and go further for you.

## Hiab ProCare™ for planned performance

In every way, our aim is to keep you moving so you can deliver as promised. With Hiab ProCare™\*, we can take on the burden of inspections, planned maintenance, scheduling and more, giving you the best assurance to produce as planned. Simply choose the level of service agreement that makes sense for your business:

Hiab ProCare™ Inspection makes it simpler and easier to comply with inspection regulations for your crane. With the thorough yet efficient scheduled inspections, it is possible to prevent a number of unpleasant surprises and you are back on the road fast.

Hiab ProCare™ Essentials is the best addition to your new crane, including the preventive maintenance programme and scheduled inspections as recommended by Hiab. Put your maintenance planning in our hands and we keep your crane operating with the original high performance to avoid un-necessary cost and downtime.



\* Check the availability of service agreements with your local Hiab distributor



## Sales and Service network

Hiab's global network offers extensive services that ensure the continuous, reliable and sustainable performance of our equipment. We have the most comprehensive distribution network in the industry, supporting all Hiab's customers – through more than 1500 sales and service outlets. This service network guarantees that we are always close to you, ready to give advice on applications and provide service and spare parts.

# BUILT TO PERFORM

Hiab is the world's leading provider of on-road load handling equipment. Customer satisfaction is the first priority for us. Hiab's product range includes HIAB loader cranes, JONSERED recycling and forestry cranes, LOGLIFT forestry cranes, MOFFETT truck-mounted forklifts and MULTILIFT demountables, as well as DEL, WALTCO and ZEPRO tail lifts.

[hiab.com](http://hiab.com)

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