



# HIAB X-HIDUO 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 HiDuo control system.



# BUILT TO PERFORM

Ready to deliver all-round performance, HIAB X-HiDuo mid-range cranes are truly a smart deal. Reliable from the base to the boom, they come with one of the market's most relied on control systems: HIAB HiDuo.

## The tools to work faster

HIAB X-HiDuo mid-range cranes give you truly competitive efficiency, especially in lift-and-load applications. With their fully optimised hydraulics and high level of accuracy, they let you achieve faster load cycles while working with confidence from the perfect vantage point.

## Control with less effort and fuel

The HIAB HiDuo remote control system provides a smooth and rapid response to every touch of the ergonomic HIAB XSDrive controller. You can steer 24 proportional functions and seven on/off functions, performing several actions simultaneously thanks to the efficient valve technology.

When you release the controls, automatic dumping returns the oil from the pump to the tank after three seconds. This extends oil life and helps to reduce fuel consumption.

## Protection for both crane and load

Safety is a given with an X-HiDuo 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

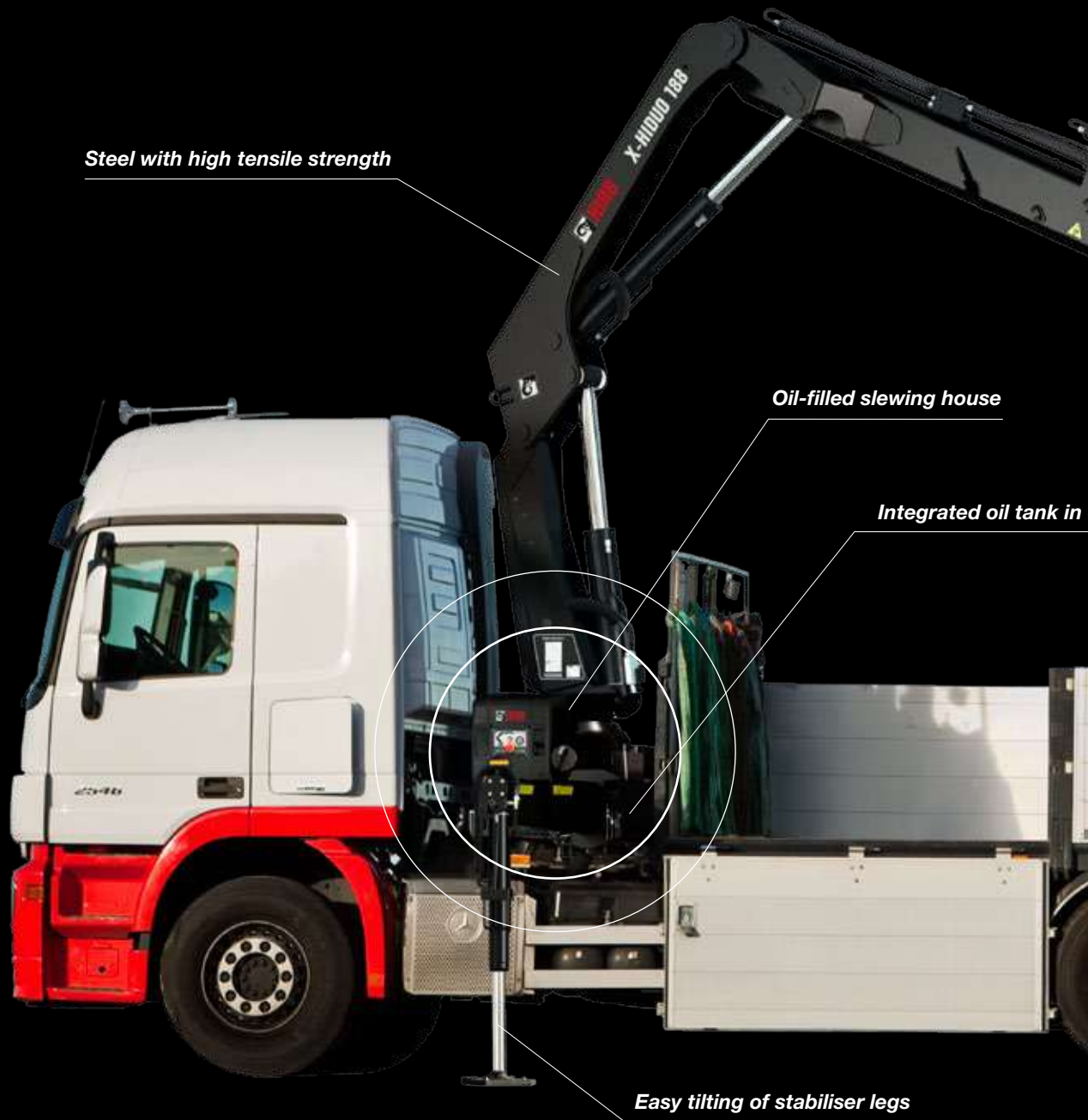
Perhaps the best control features are the ones that boost capacity when you need it most – without interrupting your work. Automatic Duty Control (ADC) and Automatic Speed Control (ASC) engage directly, without any stops or manual actions. Each increases capacity by up to 10%, letting you do more without breaking a sweat.



*“With my HIAB X-HiDuo crane,  
I don’t have to think about it.  
I just do it.”*

# BRIGHTER IN BLACK

HIAB X-HiDuo 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 ensure competitive efficiency with HIAB HiDuo remote control.



## 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.

## 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.

## 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**

## HIAB HiDuo keeps you in efficient control

The HIAB HiDuo remote control system is trusted by operators for its responsiveness and reliability. Operated by lever or joystick, its HIAB XSDrive controller provides easy access to 24 proportional functions and seven on/off functions.

HIAB HiDuo allows several actions simultaneously, and it has a built-in intelligence system for safe and effective load handling. It also offers Automatic Speed Control (ASC), which increases capacity without stopping or any action from the operator.



crane base\*

Maintenance-free slide pads

\* Standard or optional, depending on crane model

# A MID-RANGE CRANE

No matter what type of loads you move, there is a HIAB X-HiDuo 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-HiDUO 138	HIAB X-HiDUO 158	HIAB X-HiDUO 188
Lifting capacity (kNm)	127	150	176
Lifting capacity (tm)	12.9	15.3	17.9
Outreach, hydraulic extensions (m)	6.0-15.1	6.0-15.1	6.2-17.5
Installation space required, rotation area not included (mm)	815-963	815-963	865-1102
Height in folded position (mm)	2236-2261	2236-2261	2260-2265
Weight in standard version, without stabilisers (kg)	1320-1960	1450-2130	1675-2515
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
B-link	Standard	Standard	Standard
E-link	Option	Option	
E-link and X-feature			Option
P-Boom			
S-boom	Option	Option	Option
Automatic Damping of Oil (ADO)	Standard	Standard	Standard
Automatic Duty Control (ADC)	Standard	Standard	Standard
Automatic Speed Control (ASC)	Standard	Standard	Standard
Load Stability System Vertical (LSS-V)	Option*	Option*	Option*
Load Stability System Horizontal (LSS-H)	Option	Option	Option
XSDrive remote control Lever	Standard	Standard	Standard
XSDrive remote control Joystick	Option	Option	Option
Boom Deployment Assistant (BDA)	Option	Option	Option

\* E-Link



# 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.



HIAB X-HIDUO 228

HIAB X-HIDUO 258

HIAB X-HIDUO 298

207	226	262
21.1	23.0	26.7
6.0-17.3	8.0-21.0	8.0-21.0
846-1022	1070-1200	1070-1200
2269-2278	2392-2401	2392-2401
1680-2510	2430-3490	2640-3700
271-428	381-465	381-465
Standard	Standard	Standard
Option		
Option	Option	Option
Option	Option	Option
Standard		
Option	Standard	Standard
	Standard	Standard
Option		
Standard	Standard	Standard
Standard	Standard	Standard
Standard	Standard	Standard
Option*	Option*	Option*
Option	Option	Option
Standard	Standard	Standard
Option	Option	Option
Option	Option	Option

# 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.

## Rotator



A sturdy rotator is an important workhorse, especially when it comes to handling heavy or bulky loads with precision. We offer a wide range of gear-type and vane-type rotators, with shaft or flange attachments for connecting them to other accessories.

## Hydraulic hook

A hydraulic hook is used to pick up the 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.



## Pallet fork

Handling loads with a pallet fork has a number of advantages. Since the load is palletised and lifted from underneath, it is possible to lift many different types of loads – including soft and flexible loads as well as solid ones. A pallet fork is also less expensive than the main alternative, a brick grab.



## Brick grab

There is a lot to gain from using a brick grab, including speedier handling of your loads. The load does not have to be palletised, and it can be handled even in awkward positions where space is limited. HIAB brick grabs are extremely versatile and made to withstand heavy-duty work – all day, every day.

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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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HIAB X-series mid-range  
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