

# THE STRENGTH TO COMPETE

**THE COMPLETE HIAB BUILDING MATERIALS RANGE**





# FIND YOUR TRUE ST

When you work with building materials, you know that strength is about more than how much you can lift. To really be strong in a competitive market, you need to be able to deliver. That means taking on more jobs and getting them done even faster, which in turn means having the right equipment.

HIAB building material cranes give you unbeatable cost-effectiveness with true flexibility in materials handling. As part of a complete range, there is an option to fit every need. Each model provides



# RENGTH

stunning lifting capacity relative to its own weight. And they make it possible for you to reach even further than before, thanks to high-speed extensions that enable impressively long outreach.

The end result is a crane that lets you lift more – with improved safety and efficiency – so you can deliver more than you thought possible each and every day. That's how HIAB building material cranes help you find your true strength.

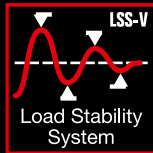




# BUILT TO PERFORM

## 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.



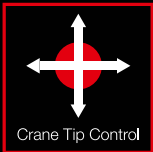
*Steel with high tensile strength*

*Maintenance-free slide pads*

*Fast-speed extensions*

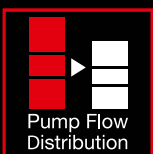
## CTC – Crane Tip Control

Crane Tip Control is a software feature for HIAB's HiPro control system that makes it possible to perform complex movements with just one lever. As the name suggests, CTC gives the user improved control of the tip of the crane. Operators only need to focus on moving their load to a specific point in space, and CTC will calculate the optimum path to get there.



## PFD – Pump Flow Distribution

PFD distributes oil in perfect proportion to control system lever movements, ensuring seamless operation. Combined with optimised hydraulics and high-quality valves, this minimises energy needs and fuel consumption.



## IQ control

The HIAB L-HiPro and L-HiDuo cranes feature the SPACE X4 intelligence system for efficient monitoring and controlling all electronic functions. The system has a simple and intuitive interface for maximal peace-of-mind.

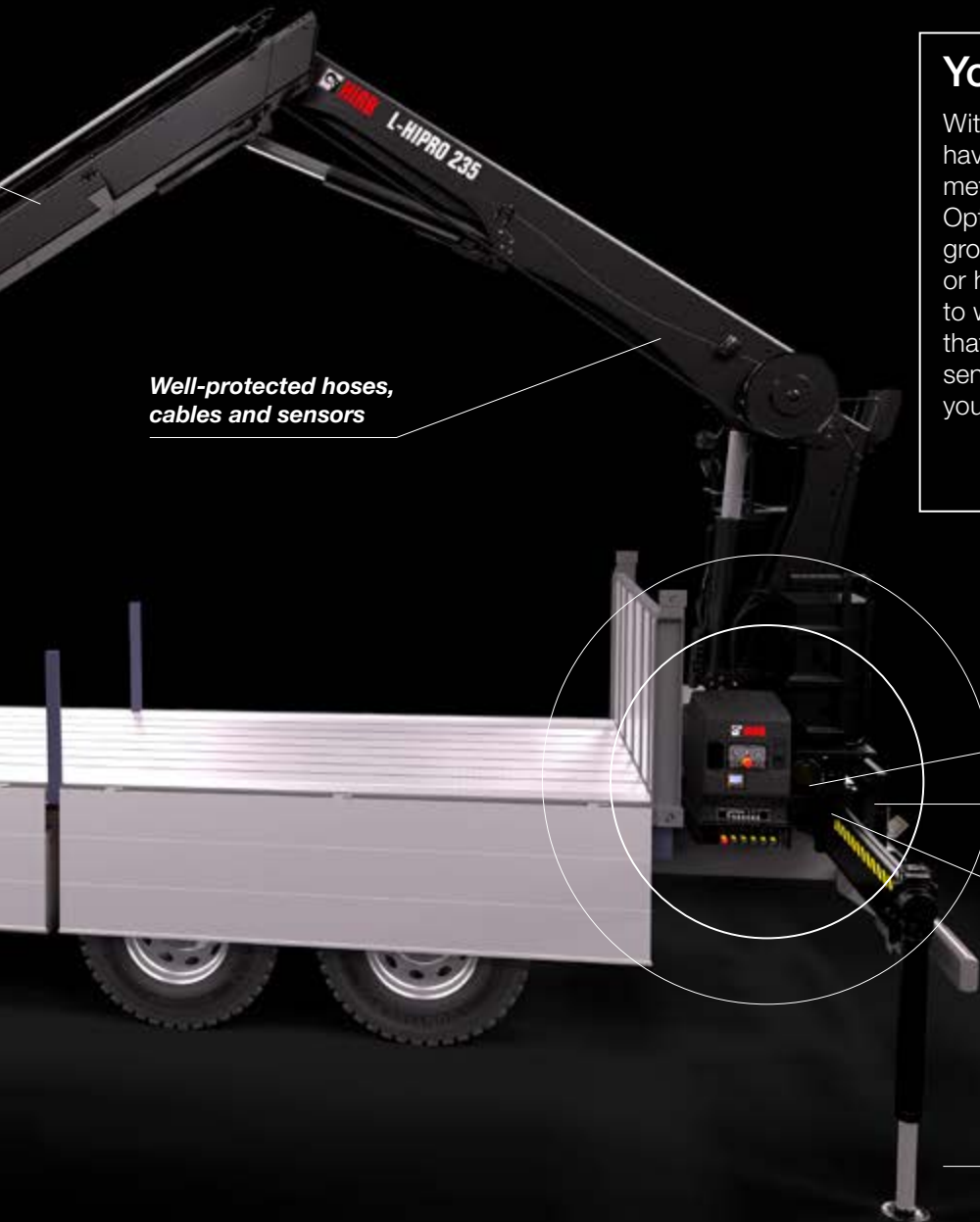
To further facilitate operation, the HIAB L-HiPro and L-HiDuo cranes are also equipped with an external display as option.



# RM

## ASC – Automatic Speed Control

ASC increases lifting capacity up to 10%, all in one smooth, continuous motion. This feature, unique to HIAB, engages automatically, meaning the operator does not feel or notice anything. The function activates as you reach the regular capacity limit, making it possible to lift a load where other cranes would come to a complete stop. To compensate for the capacity boost, the speeds of the first and second booms are slightly reduced. The result is a significant increase in capacity ceiling, safety and efficiency.



*Well-protected hoses, cables and sensors*

## Your choice of control

With HIAB building materials cranes, you have a range of possibilities to match the method of steering to your specific needs. Options ranging from remote control on the ground to control from a stand-up platform or high seat give your operators the power to work from the position that makes the most sense for them and for your business.



*Oil-filled slewing house*

*Variable oil pump*

*Integrated oil tank in crane base\**

*Easy tilting of stabiliser legs*

\* Standard or optional, depending on crane model

# BOOST YOUR STRENGTH WITH

When you choose HIAB L-HiPro 145, L-HiPro 165, L-HiPro 195 or L-HiPro 235, you don't just get a reliable and versatile building materials crane. You also get HIAB HiPro – 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.

## Be the best

HIAB HiPro is simply the best of the best, offering top versatility and precision for the very highest productivity. It is designed for 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.

## Control that saves time and fuel

The instant response from the HiPro system is nothing short of extraordinary. Pump Flow Distribution (PFD) keeps the crane's movements in perfect proportion to your control movements, and 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.

Technical data	L-HiPro 145 DL	L-HiPro 145 DLL	L-HiPro 165 DL	L-HiPro 165 DLL	L-HiPro 195 DLS
Lifting capacity (kNm)	131	139	152	150	164
Lifting capacity (tm)	13.3	14.2	15.4	15.2	16.6
Outreach, hydraulic extensions (m)	11.3	7.5	1.6	7.5	13.7
Recommended oil flow lo-hi	70-120	70-120	70-120	70-120	90-120
Weight in standard version without stabilisers (kg)	1585	1605	1725	1696	1915
Weight, stabiliser equipment (kg)	244-385	244-385	244-385	244-385	271-428
<b>Features</b>					
nDurance	Standard	Standard	Standard	Standard	Standard
Base-mounted oil tank	Option	Option	Option	Option	Option
High seat	Option	Option	Option	Option	Option
Platform	Option	Option	Option	Option	Option
D-link	Standard	Standard	Standard	Standard	Standard
P-Boom L-Long 1st boom	Standard		Standard		Standard
P-Boom LL-Long 1st & 2nd boom		Standard		Standard	
Regenerative high speed extensions					Option
Automatic Damping of oil (ADo)	Standard	Standard	Standard	Standard	Standard
Automatic Duty Control (ADC)	Standard	Standard	Standard	Standard	Standard
Automatic Speed Control (ASC)	Standard	Standard	Standard	Standard	Standard
Pump Flow Distribution (PFD)	Standard	Standard	Standard	Standard	Standard
Load Stability System Vertical (LSS-V)	Option	Option	Option	Option	Option
Load Stability System Horizontal (LSS-H)	Option	Option	Option	Option	Option
Crane Tip Control (CTC)	Option	Option	Option	Option	Option
XSDrive remote control	Standard	Standard	Standard	Standard	Standard
XSDrive remote control Joystick	Option	Option	Option	Option	Option
CombiDrive remote control	Option	Option	Option	Option	Option
External Display option	Option	Option	Option	Option	Option

\* DLL models feature an extra-long second boom.

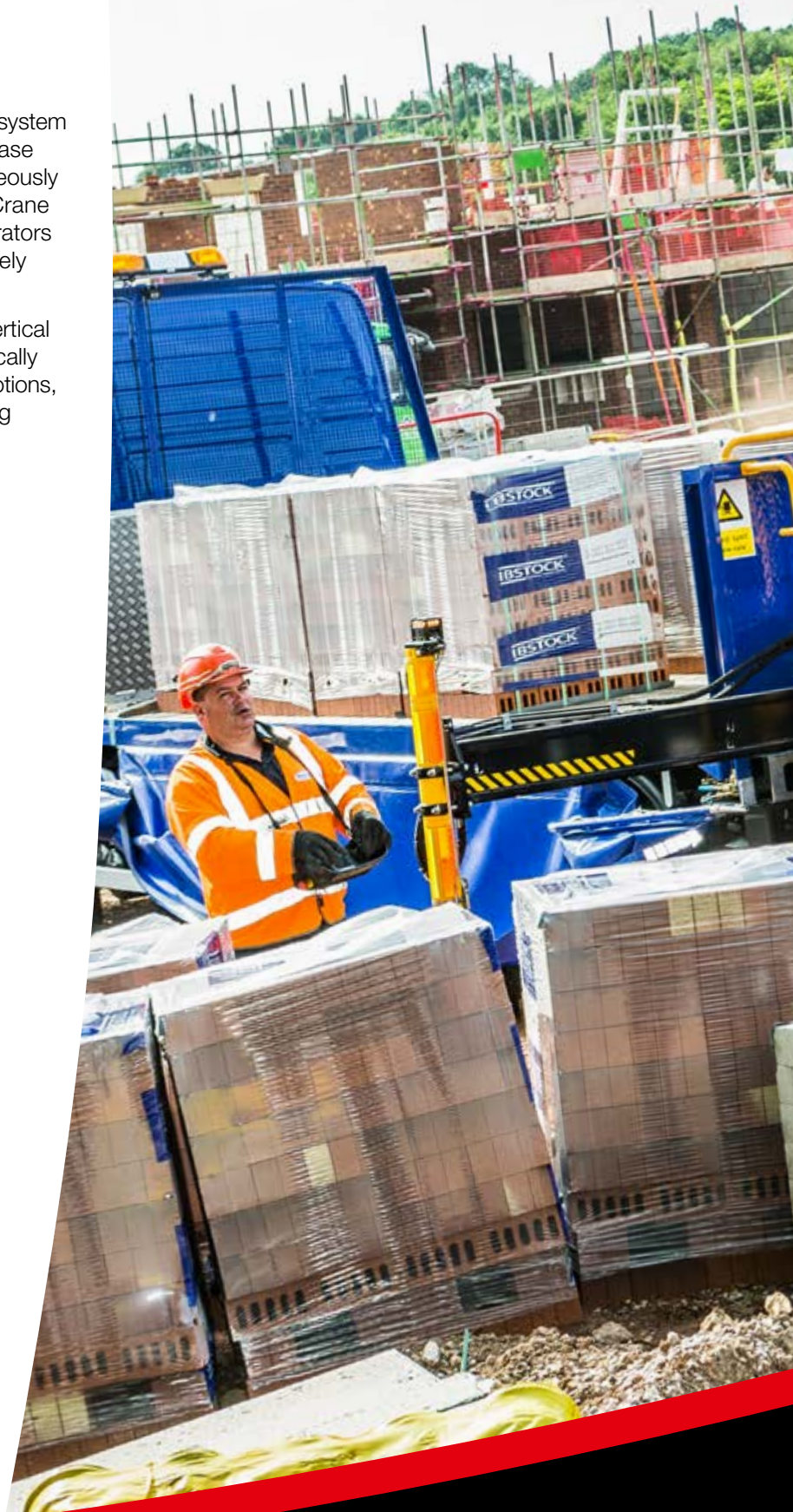


# TH PINPOINT PRECISION

## Safer productivity

HIAB build materials cranes with the HiPro control system are also loaded with smart innovations that increase efficiency with greater ease of use, while simultaneously reducing risk. One example is the revolutionary Crane Tip Control (CTC), which lets even beginning operators make complicated movements to simply and safely deliver the load from point A to B.

Another feature is the Load Stability System for vertical and horizontal movements. This system automatically compensates for unintentionally excessive lever motions, protecting the crane, operator and the surrounding environment.



L-HiPro 195 DLL	L-HiPro 235 DLS	L-HiPro 235 DLL
165	193	191
16.8	19.7	19.5
13.1	13.1	13.7
90-120	90-120	90-120
1925	2250	2250
271-428	271-428	271-428
Standard	Standard	Standard
Option	Option	Option
Option	Option	Option
Option	Option	Option
Standard	Standard	Standard
	Standard	
Standard		Standard
Option	Option	Option
Standard	Standard	Standard
Standard	Standard	Standard
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Option	Option	Option
Standard	Standard	Standard
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Option	Option	Option
Option	Option	Option



# EFFICIENT CONTROL TO GAIN

The HIAB L-HiDuo 135, L-HiDuo 155 and L-HiDuo 225 building materials cranes come standard with the HIAB HiDuo remote control system. Operated by lever or joystick, this cost-effective, proven and high-performing system is trusted by operators around the world for its responsiveness and reliability.

## Valuable performance

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.

## True intelligence for total control

HIAB HiDuo features the built-in SPACE X4 intelligence system for safe and effective load handling. The ergonomic HIAB XSDrive controller further provides a smooth and rapid response to every movement your operator makes. You can steer 24 proportional functions and seven on/off functions, performing several actions simultaneously thanks to the efficient valve technology.

Technical data	L-HiDuo 135 DL	L-HiDuo 135 DLL	L-HiDuo 155 DL	L-HiDuo 155 DLL
Lifting capacity (kNm)	125	134	147	145
Lifting capacity (tm)	12.8	13.6	14.9	14.8
Outreach, hydraulic extensions (m)	11.3	7.5	11.3	7.5
Recommended oil flow lo-hi	50-60	50-60	50-60	50-60
Weight in standard version without stabilisers (kg)	1585	1605	1725	1696
Weight, stabiliser equipment (kg)	244-385	244-385	244-385	244-385
<b>Features</b>				
nDurance	Standard	Standard	Standard	Standard
Base-mounted oil tank	Option	Option	Option	Option
High seat	Option	Option	Option	Option
Platform	Option	Option	Option	Option
D-link	Standard	Standard	Standard	Standard
P-Boom L-Long 1st boom	Standard		Standard	
P-Boom LL-Long 1st & 2nd boom		Standard		Standard
Regenerative high speed extensions				
Automatic Damping of oil (ADo)	Standard	Standard	Standard	Standard
Automatic Duty Control (ADC)	Standard	Standard	Standard	Standard
Automatic Speed Control (ASC)	Standard	Standard	Standard	Standard
Load Stability System Vertical (LSS-V)	Option	Option	Option	Option
Load Stability System Horizontal (LSS-H)	Option	Option	Option	Option
XSDrive remote control	Standard	Standard	Standard	Standard
XSDrive remote control Joystick	Option	Option	Option	Option
CombiDrive remote control	Option	Option	Option	Option
External Display option	Option	Option	Option	Option

\* DLL models feature an extra-long second boom.



# N THE COMPETITIVE EDGE

## 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 Speed Control (ASC) engage directly, without any stops or manual actions. It increases your capacity by up to 10%, letting you do more without breaking a sweat.

L-HiDuo 225 DLS	L-HiDuo 225 DLL
185	183
18.8	18.7
13.1	13.7
65-75	65-75
2250	2250
271-428	271-428
Standard	Standard
Option	Option
Option	Option
Option	Option
Standard	Standard
Standard	Standard
	Standard
Option	Option
Standard	Standard
Standard	Standard
Standard	Standard
Option	Option
Option	Option
Standard	Standard
Option	Option
Option	Option
Option	Option



# ACCESSORIES THAT ENHANCE YOUR EQUIPMENT

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



## 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.



## Quick Change Systems

The quick change system enables an easy exchange between different attachments. The mechanical coupling and locking is achieved by the turning motion of the rotator. You simply disconnect the quick couplings and disengage the locking device manually. The quick change system allows the easy exchange between pallet fork and brick stack grapple for example.

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## Easy to mount, easy to service

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.





# POWERFUL SUPPORT

When you choose a HIAB 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 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 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 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

# BUILT TO PERFORM

Hiab is the world's leading provider of on-road load-handling equipment, intelligent services and digitally connected solutions. Hiab's offering encompasses class-leading load handling equipment including HIAB loader cranes, LOGLIFT and JONSERED forestry and recycling cranes, MOFFETT truck-mounted forklifts, MULTILIFT demountables, and tail lifts under ZEPRO, DEL, and WALTCO brands. As the industry pioneer, our commitment is to increase efficiency in our customers' businesses and to shape the future of intelligent load handling.

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