

HIAB iX.HIDUO: A NEW STANDARD IN VERSATILE EFFICIENCY





As fuel prices soar, regulations tighten, and recruitment challenges grow, your business needs a loader crane built for the future. HIAB iX.HIDUO cranes provide everything you need to take on most types of jobs, head-on.

Together with best-in-class strength, speed, and precision, HIAB iX.HIDUO loader cranes bring next-generation energy efficiency and ease of use. Automatic start/stop functionality, dynamic RPM, and a wide range of add-ons are there to ensure that you get the job done under demanding conditions.

- **Get best-in-class precision and speed** with HIAB iX.HIDUO control system
- **Secure uptime and productivity** with reliable and future-proof performance
- **Save fuel** with a 10% increase in energy efficiency
- **Meet environmental regulations** with idling-free operation



HIAB iX.HIDUO **FACTS**

Technical Data	iX.138 HIDUO	iX.158 HIDUO	iX.188 HIDUO	iX.228 HIDUO	iX.258 HIDUO	iX.298 HIDUO
Lifting capacity (kNm)	133	148	176	207	226	262
Lifting capacity (tm)	13.6	15.1	18	21.1	23	26.7
Outreach, hydraulic extensions (m)	6.5 – 15.1	6.5 – 15.1	6.2 – 17.5	6.0 – 17.3	8.0 – 21.0	8.0 – 21.0
Installation space required, rotation area not included (mm)	826 – 931	826 – 931	857 – 985	857 – 1022	1070 – 1232	1070 – 1232
Height in folded position (mm)	2264 – 2286	2264 – 2286	2260 – 2265	2269	2393 – 2401	2393 – 2401
Weight in standard version, without stabilisers (kg)	1390 – 2030	1450 – 2080	1935 – 2495	2005 – 2575	2490 – 3540	2490 – 3540
Weight, stabiliser equipment (kg)	216 – 383	216 – 383	271 – 428	271 – 428	381 – 465	381 – 465

Features	iX.138 HIDUO	iX.158 HIDUO	iX.188 HIDUO	iX.228 HIDUO	iX.258 HIDUO	iX.298 HIDUO
nDurance	Standard					
Base-mounted oil tank	Option					
High seat	Option					
Platform	Option					
B-link	Standard				–	
E-link	Option		–			
E-link and X-feature	–		Option		Standard	
P-Boom	–				Standard	
S-boom	Option				–	
Automatic Damping of Oil (ADO)	Standard					
Automatic Duty Control (ADC)	Standard					
Automatic Speed Control (ASC)	Standard					
Load Stability System Vertical (LSS-V)	Option					
Load Stability System Horizontal (LSS-H)	Option					
Semi-Automatic Folding (SAF)	Option				–	
Slew Park Assistant (SPA)	–				Option	
Crane Tip Control (CTC)	Option				–	
XSDrive remote control Lever	Standard					
XSDrive remote control Joystick	Option					
CombiDrive 4 remote control	Option					
Boom Deployment Assistant (BDA)	Option					
Operator Protection system (OPS)	Option					
External Display	Option					



HIAB OFFER

5 YEARS industry leading warranty on steel structure and battery modules.

2 YEARS warranty for general parts including:

- Painting
- Seals
- Hoses
- Electric components



CRAFTING THE PERFECT CRANE SYSTEM

HIAB has set the standard in loader crane performance for more than 75 years. Our remote-control crane systems are the most advanced on the market, delivering an outstanding crane handling experience. Add market-leading hydraulics, and you have the powerful precision tools that are HIAB eX.HIPRO and iX.HIDUO.



SPACEevo

SPACEevo is the future of loader crane intelligence, built into all new HIAB loader cranes. SPACEevo boosts productivity, safety and sustainability with intuitive controls, a state-of-the-art sensor safety system and optimised energy consumption. SPACEevo is also future-proof thanks to its open platform.

CombiDrive 4

CombiDrive 4 is Hiab's next-gen remote control, offering full crane control through an intuitive interface. It features haptic feedback, an easy-to-read tri-colour display, and customizable settings. The remote is ultra-light, ergonomically designed, and boasts an 8-function controller in a compact size. Safety features include Confirmed View sensors that detect operator position, as well as warning- and puddle lights for better visibility.

- HIAB eX.HIPRO cranes come with CombiDrive 4 as standard. It can be added as an upgrade for HIAB iX.HIPRO cranes.



Upgraded control systems

The latest HIAB control systems represent the state of the art in loader crane performance. Lighter and stronger than its predecessor, the iX.HIDUO control system delivers best-in-class precision and speed, together with significant energy savings. Meanwhile, exceptional simultaneous operation and unmatched crane intelligence puts iX.HIPRO at the leading edge of smooth, safe, and productive work.

Olsbergs electro-hydraulics

At the heart of iX.HiDUO and eX.HIPRO control systems are proprietary hydraulic valves and electronics from Olsbergs. Made in Sweden, Olsbergs electro-hydraulic systems are recognized for their outstanding performance, with high precision and excellent control properties.

UPGRADE & CUSTOMISE YOUR CRANE

Get the ultimate fit for your work with our range of loader crane options and add-ons. From enhanced safety to increased precision, these options are designed to optimise crane performance for any lifting task.



Semi-automatic folding (SAF)

SAF boosts productivity and minimizes damage risk by letting the operator park the crane quickly and safely. Folding and unfolding is done with a single control lever, simplifying the process.



Load Stability System for horizontal/vertical movements (LSS-H/LSS-V)

LSS dampens abrupt stops to prevent load swinging, making crane operation smoother and faster while protecting the load, vehicle, and work environment.



Crane Tip Control (CTC)

CTC calculates the exact boom movements for a straight line from A to B, which lets the operator perform vertical and horizontal movements with a single control lever.



Semi-Automatic Motion (SAM)

SAM minimizes risk to the crane, track, and surroundings – ensuring safe and speedy operations with greater ease of use.



Automatic Duty Control (ADC)

ADC boosts crane capacity by 10% for suspended loads without added structural stress. It automatically adjusts capacity when upward pressure is detected for safe, high-capacity lifts, uninterrupted work, and reduced maintenance requirements.



Connectivity

Connectivity, in combination with our connected services, puts you in constant contact with equipment, assets and people to enhance the productivity, efficiency and safety of your business.

HIAB wspr

HIAB wspr hybrid crane system makes crane operation cost-effective, noiseless, and exhaust-free, ensuring a healthier and stress-free work environment. With the truck engine off, electrically powered cranes consume less energy, drastically reducing operating and maintenance costs with up to 90%.

ACCESSORIES FOR ADDED UTILITY

With HIAB accessories, your loader crane becomes a versatile tool prepared for a wide range of jobs: letting you meet any challenge and catch more business opportunities.

Clam-shell bucket

Bucket solutions vary from narrow width digging buckets – suitable when deploying cables, through midsize open buckets suitable for lifting branches as well as digging, and all the way up to large volume scooping buckets, perfect when it comes to shifting large amounts of material.

Rotator

A sturdy rotator is crucial for 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 to other accessories.

Grapples

An open grapple provides a strong grip on timber and other materials for removal. A closed clamshell grapple can be used for collecting dirt and soil, or even excavating.

Multibrush

Designed for snow removal from roofs and other hard-to-reach areas, the Multibrush can also be used for purposes such as ground sand removal, solar panel cleaning, and more.

Hydraulic hook

A hydraulic hook is used to pick up the pallet fork from the truck body in a safe and efficient way, without the operator climbing up and down on the vehicle.

Pallet fork

Many different loads can be palletised and lifted from underneath, including soft and flexible loads as well as solid ones. A pallet fork is also an economical alternative to a brick grab.

Brick grab

With a brick grab, the load does not have to be palletised and can be handled efficiently also where space is limited. HIAB brick grabs are extremely versatile and made to withstand heavy-duty work – all day, every day.



LIGHTEN YOUR BUSINESS LOAD WITH **HIPERFORM SMART SOLUTIONS**

Investing in Hiab equipment secures the reliable and efficient performance you need to fulfil your customer commitments every day. Hiab Services enhances this with HiPerform smart solutions and an extensive expert network, boosting uptime and reliability across your equipment's lifecycle.

HiPerform provides smart solutions that maximize your HIAB loader crane's lifecycle value by enhancing operator, equipment, and fleet performance. You choose which proactive maintenance or telematics data solutions best suit your needs.

LEARN MORE www.hiab.com/en/HiPerform



HIAB SERVICE JUST GOT SMARTER

HiPerform leverages near real-time data and actual usage to streamline the maintenance of your connected HIAB crane. Our ProCare service packages offer a fixed fee, preventing surprises and ensuring predictability. HiConnect provides insights into your equipment's service history and upcoming service needs. We ensure swift response and resolution, supported by a team of trained professionals and an extensive service network. Ease your maintenance burden with our comprehensive support.

FIND YOUR NEAREST SERVICE CENTRE ►



Enhance the performance of your fleet, equipment, and operators using data from your connected HIAB loader crane. HiConnect's telematics solution provides near real-time insights into over 100 parameters, such as battery status, route details, driver safety, and maintenance requirements. The comprehensive information is accessible online via the HiConnect portal.

Data-driven decisions

HiConnect lets you grasp your equipment's usage patterns, locations, and capacities, facilitating informed decisions to reduce downtime and boost as-set efficiency, utilization, and safety.



KNOWING BEATS GUESSING



Location control

Real-time tracking of each unit, along with monitoring of driving routes and times, aids in optimizing fuel and battery usage for upcoming tasks.



BUILT TO PERFORM

Hiab is a leading provider of smart and sustainable load handling solutions. We are committed to delivering the best customer experience every day with the most engaged people and partners. Hiab's premium equipment includes HIAB, EFFER and ARGOS loader cranes, MOFFETT and PRINCETON truck mounted forklifts, LOGLIFT forestry cranes, JONSERED recycling cranes, MULTILIFT skiploaders and hooklifts, GALFAB roll-off cable hoists, tail lifts under the ZEPRO, DEL and WALTCO brands, and HIPERFORM, a suite of smart solutions. As the industry pioneer, Hiab continues to make load handling smarter, safer and more sustainable to build a better tomorrow. Hiab is part of Cargotec Corporation.

www.hiab.com

Hiab is part of Cargotec Corporation. Cargotec (Nasdaq Helsinki: CGCBV) sales in 2023 totalled approximately EUR 4.6 billion and it employs around 11,400 people.

www.cargotec.com

