EFFER iX.405 HP
Performance without compromise





Maximize lifting performance in a compact design.

The EFFER iX.405 HP combines outstanding lifting performance with a compact footprint, helping you maximize productivity and installation flexibility.

Construction, logistics and utility work often require powerful lifting performance where installation space is limited. You need a crane that delivers the reach and lifting capability to take on demanding jobs, while remaining compact enough to maximize your truck configuration and payload.

The EFFER iX.405 HP is a 35 tonne-metre crane that combines impressive lifting performance with a compact footprint. Designed for customers who need maximum capability without sacrificing installation flexibility, it offers outstanding reach while keeping the crane compact.

With a vertical reach of up to 30 m and a horizontal reach of 26.4 m, the EFFER iX.405 HP is built for demanding work in construction, logistics and utility applications. Its combination of high-strength materials and compact design delivers the durability and performance needed to complete more lifts while making efficient use of available truck space.

At the core of this performance is the V6-Pro boom. Its six-sided profile combines a compact, robust design with optimised outreach, delivering impressive reach while reducing the installation space required. The result is greater flexibility in truck configuration without compromising lifting performance.

Advanced control systems make high performance easier to manage. The SPACEevo control system, technology and Olsbergs hydraulic control valves are engineered to work together seamlessly, delivering smooth, precise and safe operation. The lightweight, ergonomic CombiDrive 4 remote control keeps operators comfortable and in full control throughout the day.

The EFFER iX.405 HP is your reliable colleague, built to perform in demanding environments day after day. It helps you lift more efficiently, maximize your truck configuration and complete challenging jobs with confidence.

Engineered to work as one

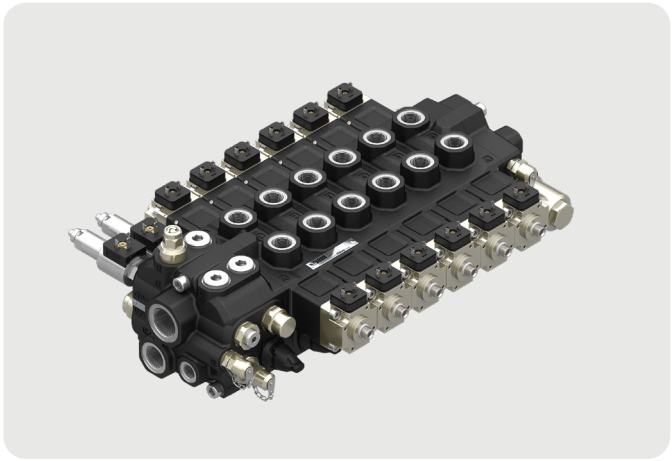


SPACEevo

The SPACEevo control system technology is the brain inside the crane, improving productivity, safety, and efficiency through intuitive controls, advanced sensor-based safety systems, and optimised energy use. The precision and rapid movements save time and reduce the risk of costly damage.

The open, modular nature of SPACEevo allows for the addition of new functionalities and features over time, helping to futureproof your crane. This ensures that the EFFER iX.405 HP has a long operating life and a higher residual value.

The dual-core processor, sensors, actuators, and new harness design ensure the crane works in all conditions, giving the crane the power it needs while increasing reliability and durability for completing the most difficult jobs.



Olsbergs V200 hydraulic control valves

Olsbergs hydraulic control valves are designed specifically for loader cranes – and have been developed for that purpose for over 40 years. Unique to the Olsbergs V200 control valve is the electro-hydraulic actuator with position feedback, called the P8, which makes it possible to achieve extremely precise control of the valve regardless of flow forces. These solutions are essential for the smooth and accurate operation of Hiab's truck-mounted loader cranes.

Key benefits include:

- Smooth, simultaneous movements for multiple crane functions
- Improved energy efficiency thanks to wide internal channels that reduce pressure drop and heat build-up
- High flow capacity of up to 300 litres per minute means consistent performance even in the most demanding tasks
- Precise control and multi-function handling that make work more efficient and productive, whatever the job
- Optimised integration designed to work perfectly with SPACEevo and variable pumps, enhancing performance
- Extensive testing and the highest standards of engineering mean reliability, safety, and durability

Power meets precision

Innovative boom design and intelligent remote technology give you outstanding vertical lifting performance with complete operator control.



CombiDrive 4

Weighing only 2.2 kg with a long battery life of up to 9.5 hours, the ergonomic CombiDrive 4 remote is easy to handle during long shifts and comfortable to use even when wearing gloves. The eight-function controller with haptic feedback and the high-resolution colour tri-display enable precise operation and full focus on the task at hand.

Safety is built in with integrated lighting, as well as Confirmed View sensors that track the operator's position, hazard lights that alert the surrounding environment, and puddle lights for improved visibility. If the remote control is dropped, communication with the truck is immediately interrupted, and operation can only resume once the remote is restarted, preventing any unintended movement. The smart, customisable CombiDrive 4 remote supports skilled operators with intelligent crane management that enhances precision and control.

V6-Pro boom

The V6-Pro boom is engineered to combine high lifting performance with a compact installation. Its robust six-sided profile and optimised outreach deliver the reach needed for demanding lifting tasks while reducing the installation space required on the truck.

With up to six hydraulic extensions, the V6-Pro boom provides an extended working range from a compact crane configuration. The result is greater flexibility when configuring your vehicle, allowing you to take on a wider variety of jobs without compromising lifting performance.

Optional

Variable Stability Logic Plus (VSL+)

VSL+ is a safety system that maximises capacity by calculating stability according to the position of the stabiliser legs and the total weight of the truck. Accounting for the true load, it can provide significantly more lifting capacity when it really matters. Whether you're working on uneven terrain or with partially extended stabilisers, VSL+ ensures you can lift heavier loads safely.

VSL+ also improves stability during vertical reach by using a shortened stabiliser opening, allowing you to work in more constrained settings like urban environments. With VSL+, you can lift more, and do it faster, and safer, even in the most challenging conditions.

See how VSL+ maximises capacity

Automatic Duty Control (ADC)

Our patented ADC function is a fully automatic system designed to optimise crane performance in suspended load applications. By intelligently managing duty parameters and dynamic load factors, ADC enables up to 10% higher effective utilisation within approved operating conditions – without increasing structural stress or accelerating fatigue. This results in greater operational flexibility, reduced long-term maintenance demands, and improved productivity during high-demand lifts – all while maintaining compliance with the crane's certified load ratings.

Automatic Speed Control (ASC)

This feature, unique to Hiab, gives an increase in lifting capacity of up to 10%, all in one smooth, continuous motion. It engages automatically as you reach the regular capacity limit, meaning that you can still lift the load where other cranes would have come to a complete stop. To compensate for the capacity boost, the speed of the inner and outer boom is slightly reduced, but capacity ceiling, safety, and efficiency are significantly increased.

Optional

Dynamic Load Charts (DLC)

Dynamic Load Charts (DLC) provide operators with a clear, easy-to-read kg-m visual display directly on the remote control. The system delivers real-time horizontal lifting capacity data for both the crane and jib, continuously adapting to the current configuration and working position. This ensures precise, confident operation while maximising performance and maintaining the highest safety standards.

Optional

Semi-Automatic Folding (SAF)

SAF assists with automatic folding and unfolding of the crane, reducing setup time and operator effort while helping you maximise productivity.

Boom Deployment Assistance (BDA)

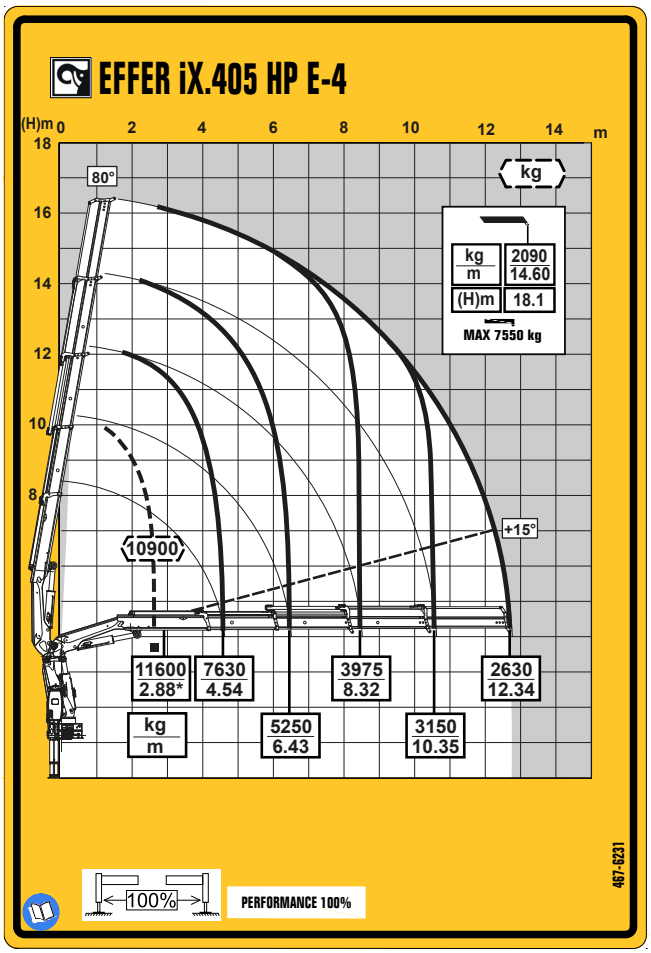
The BDA prevents the operator from moving the second boom or extensions in wrong directions during the folding or unfolding operation, removing the risk of unwanted damage from manual handling.

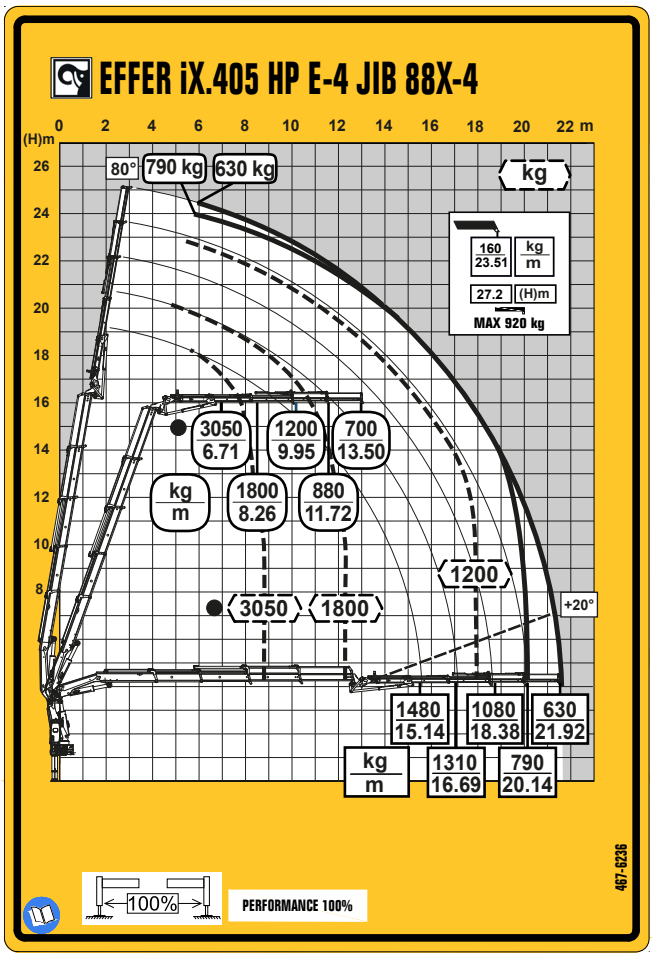


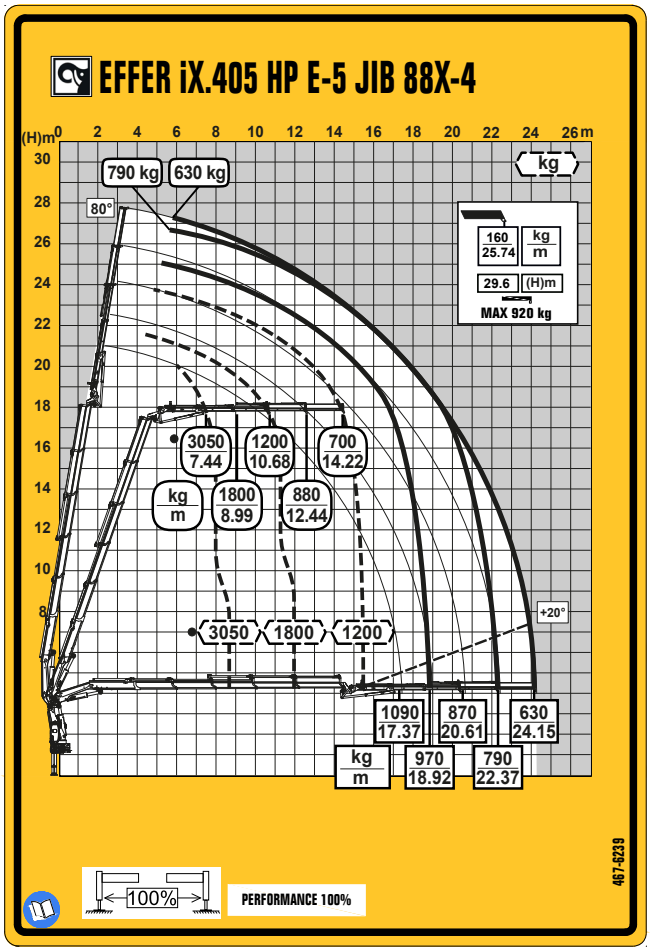
Technical specifications

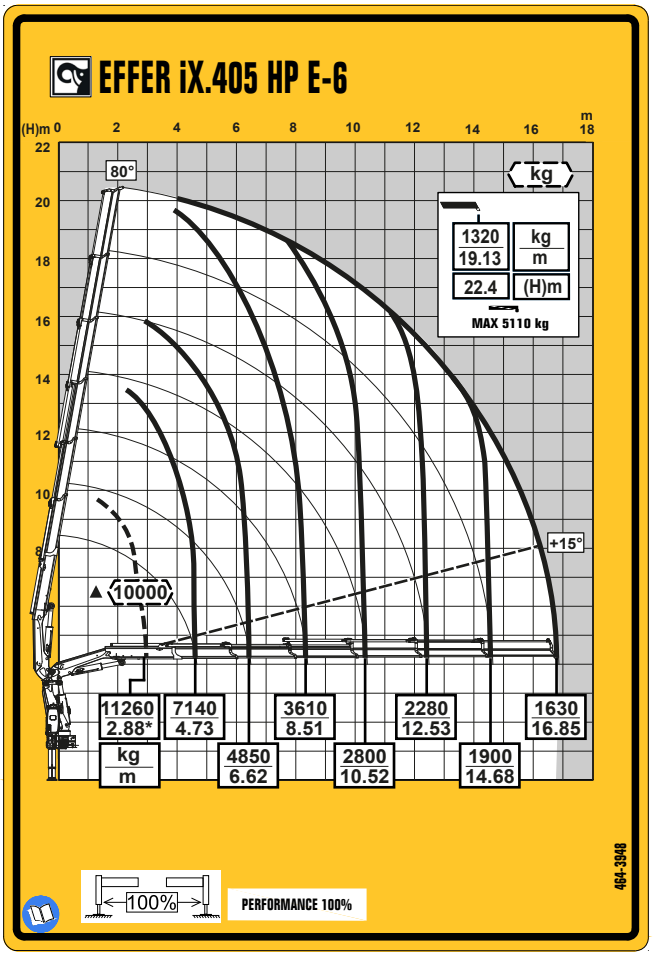
Technical data*	E-4	E-4 JIB 88X-4	E5 JIB 88X-4	E-6	E6 JIB 88X-4	E-8
Lifting capacity (kNm)	340	340	335	331	331	323
Outreach, hydraulic extensions (m)	12.34	20.06	24.15	16.85	26.4	21.37
Outreach, with manual extension (m)	14.6	21.93	25.74	19.13	28	23.88
Height in folded position (mm)	2420	2665	2665	2420	2665	2630
Weight (kg)	4270	4950	5190	4590	5320	4850
Oil flow	100 l/min	100 l/min	100 l/min	100 l/min	100 l/min	100 l/min

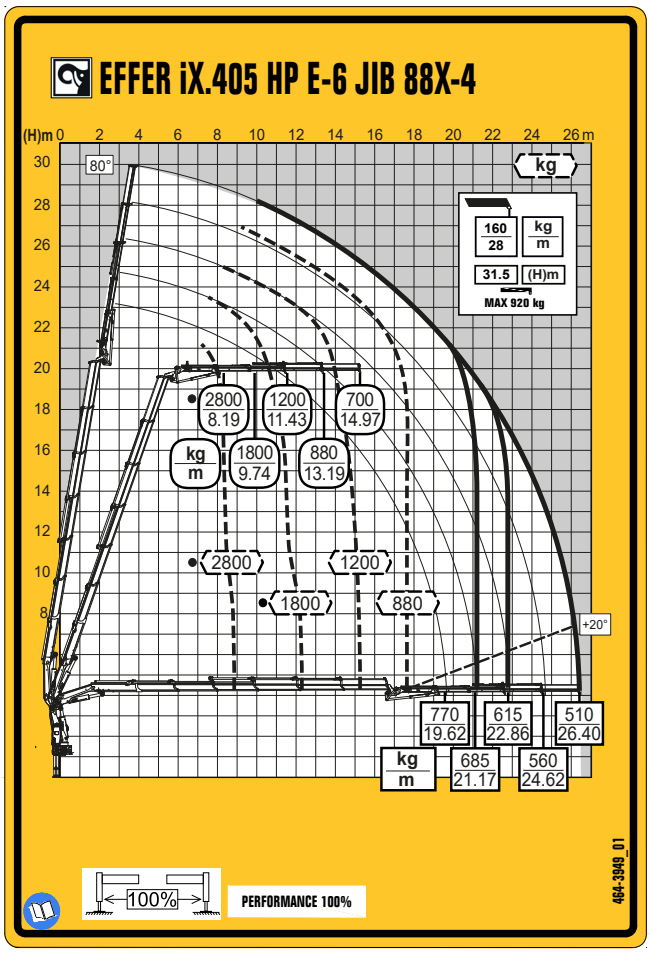
* More specifications available – contact your local sales representative

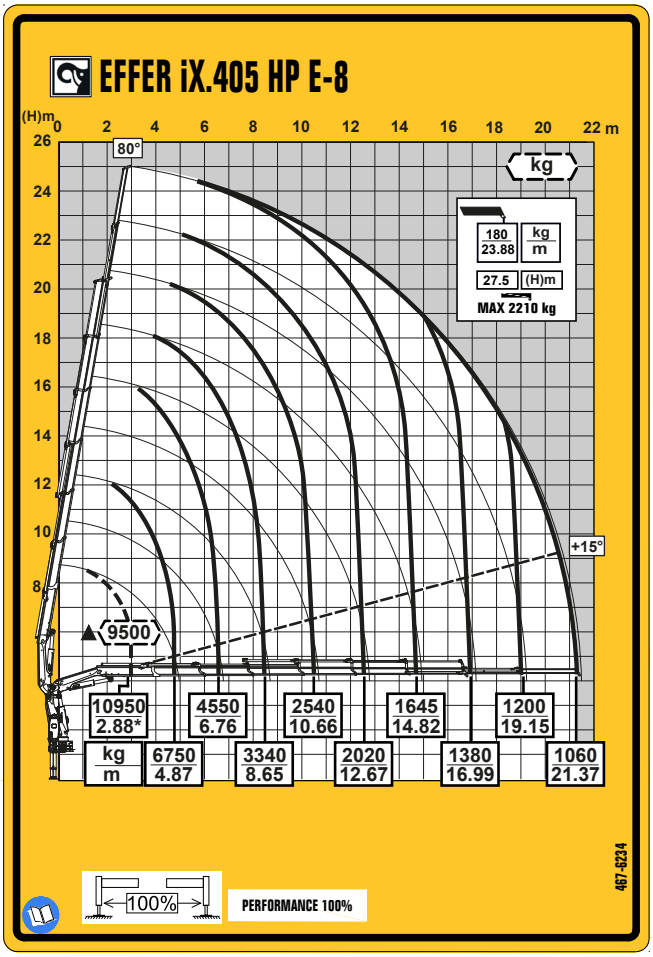





EFFER iX.405 HP E-5 JIB 88X-4
(H)m
0 2 4 6 8 10 12 14 16 18 20 22 24 26 m
30 28 26 24 22 20 18 16 14 12 10 8
kg
790 kg
630 kg
80°
160 25.74 kg m
29.6 (H)m
MAX 920 kg
3050 7.44
1200 10.68
700 14.22
kg m
1800 8.99
880 12.44
3050
1800
1200
+20°
1090 17.37
870 20.61
630 24.15
kg m
970 18.92
790 22.37
100%
PERFORMANCE 100%
467-6239


EFFER iX.405 HP E-6
(H)m
0 2 4 6 8 10 12 14 16 18 m
22 20 18 16 14 12 10 8
kg
80°
1320 19.13 kg m
22.4 (H)m
MAX 5110 kg
+15°
10000
11260 2.88*
7140 4.73
3610 8.51
2280 12.53
1630 16.85
kg m
4850 6.62
2800 10.52
1900 14.68
100%
PERFORMANCE 100%
464-3948


EFFER iX.405 HP E-6 JIB 88X-4
(H)m
0 2 4 6 8 10 12 14 16 18 20 22 24 26 m
30 28 26 24 22 20 18 16 14 12 10 8
kg
80°
160 28 kg m
31.5 (H)m
MAX 920 kg
2800 8.19
1200 11.43
700 14.97
kg m
1800 9.74
880 13.19
2800
1200
1800
880
+20°
770 19.62
615 22.86
510 26.40
kg m
685 21.17
560 24.62
100%
PERFORMANCE 100%
464-3949_01


EFFER iX.405 HP E-8
(H)m
0 2 4 6 8 10 12 14 16 18 20 22 m
26 24 22 20 18 16 14 12 10 8
kg
80°
180 23.88 kg m
27.5 (H)m
MAX 2210 kg
+15°
9500
10950 2.88*
4550 6.76
2540 10.66
1645 14.82
1200 19.15
kg m
6750 4.87
3340 8.65
2020 12.67
1380 16.99
1060 21.37
100%
PERFORMANCE 100%
467-6234


HIAB

Boost productivity and flexibility with the right accessories

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



Pallet fork

Handling loads with a pallet fork has many advantages. Since the load is palletised and lifted from underneath, it's possible to lift many different types of loads. A pallet fork is also less expensive than a brick grab, which is the main alternative.



Brick grab

Using a brick grab offers many benefits, including speedier handling of your loads. The load doesn't have to be palletised, and it can be handled even in awkward positions where space is limited. Hiab brick grabs are extremely versatile and robust.



Clamshell buckets

We have a wide range of clamshell buckets available for your loader crane, where the right choice depends on your current operations – and your future plans.

Options range from narrow digging buckets for cable work, to versatile midsize buckets for lifting and digging, and large-volume scooping buckets for moving bulk material. Paired with the right rotator and accessories, your bucket becomes a complete solution built for maximum daily productivity.

MEWP personnel baskets

Our MEWP personnel baskets are compliant with the latest EN280:2022-1 safety standards, providing a safe and stable solution for personnel lifting. Available in Gravity Self-Leveling versions, the baskets automatically maintain a balanced position for enhanced safety and operator comfort – even in changing conditions.

Built for durability and reliable performance at height, they are ideal for maintenance applications and fully compatible as an accessory option with MEWP-prepared Hiab cranes equipped with the SPACEevo control system.



Explore our wide range of loader crane accessories



Services that keep your equipment working

HIPERFORM

Your customers depend on you. To deliver every day, your equipment must work reliably. HiPerform is Hiab's complete service offering. It brings together maintenance, connected equipment data, and operator training in one package. The goal is simple: fewer breakdowns, better planning, safer operators, and longer equipment life. HiPerform includes three parts: ProCare™, HiConnect™, and HiSkill™.

Planned service with fixed costs

ProCare™ is a preventive service agreement for your Hiab equipment. It covers regular maintenance and inspections for a fixed fee. With ProCare™, your equipment is serviced by trained technicians at the right intervals. This helps prevent unexpected breakdowns and costly repairs. You know your service costs in advance and can plan your business with fewer surprises. You choose the service level that fits your operation – we take care of the maintenance.

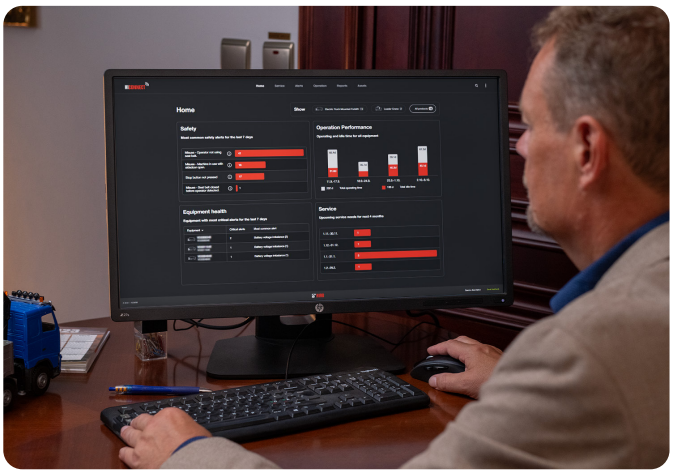
PROCARE™



Know how your equipment is used

HiConnect™ connects your loader crane and gives you access to useful equipment data. You can see how the crane is being used, check service history, and follow upcoming maintenance needs. Because the information is based on actual usage, it's easier to plan service at the right time and reduce unnecessary downtime. With HiConnect™, you have a better overview and better control of your fleet.

HICONNECT™







Train operators in a safe environment

HiSkill™ is a training simulator that helps operators practice crane operation safely. It combines virtual reality with real controls so operators can train without risk to people, loads, or equipment.

Operators can practice different lifting situations, improve their skills, and gain confidence before working on real jobs. Better training helps reduce accidents, avoid damage, and improve everyday performance.



HISKILL™

BUILT TO PERFORM

Hiab (Nasdaq Helsinki: HIAB) is a leading provider of smart and sustainable on-road load handling solutions, committed to delivering the best customer experience every day with the most engaged people and partners. Hiab's premium equipment includes HIAB, EFFER, ARGOS and ING loader cranes, MOFFETT and PRINCETON truck mounted forklifts, LOGLIFT forestry cranes, JONSERED recycling cranes, MULTILIFT skiploaders and hooklifts, GALFAB roll-off cable hoists, ZEPRO, DEL and WALTCO tail lifts, and the service brand HIPERFORM, a comprehensive suite of smart solutions that help maximise the life-cycle value of Hiab's equipment.

www.hiab.com

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