



# **HIAB COMBIDRIVE4**

## **TRUE CONTROL AT YOUR FINGERTIPS**



# NEXT-GENERATION REMOTE CONTROL

HIAB offers a wide selection of loader crane control systems based on your working and business needs. But if you want the best then the only choice is our all-new CombiDrive4. Intuitive, ergonomic and safe, it will give you an outstanding crane handling experience with true control at the touch of your fingertips.

CombiDrive4's intuitive interface gives you full control over all crane movements, haptic feedback helps you keep your eyes on the load, and data and alerts are easy to read with the colour tri-display. Operators can even customise CombiDrive4 to their preferences and needs – you can name VIEWS, add functions and tailor pictures for special functions.

This next generation CombiDrive4 features extended battery life, and it is ultra-light. CombiDrive4 is ergonomically designed for all-day operations, featuring an 8-function controller that's the same size as today's 6-function unit.

CombiDrive4 advanced safety features will impress. Its Confirmed view sensors automatically detect operator position, eliminating the need for acknowledgment on the user interface, which saves time and allows the operator to keep a safe distance from the crane. While warning and puddle lights illuminate the working area so the operator can see and be seen.









# THE NEW STANDARD

## IN REMOTE CONTROL SAFETY, PRODUCTIVITY & SUSTAINABILITY

CombiDrive4 is the top-of-the-line remote loader crane control system that's intuitive, ergonomic and safe. Developed with today's best-in-class remote control system as a base, you will benefit from proven functionality and the unique HIAB operating experience taken to the next level thanks to CombiDrive4's new, unique functions that will enhance your operations – today and in the future.

### FEATURED BENEFITS

HIAB CombiDrive4 gives owners, fleet managers and operators many benefits related to improved safety and efficient operations, including:

- Complete overview of crane status and active features
- Vehicle stability assured with overview of stabilizer ground contact
- Confirmed view detects which side the driver is on and what stabilizer extensions can be operated
- Remote control logic ensures functions are easily and quickly accessible
- Full range of personalised operational VIEWS
- Integrated working and hazard lights

### 6 OR 8 LEVERS

There are two versions of HIAB CombiDrive4. The six-lever version is user-friendly design and sufficient for most configurations using six hydraulic functions or less.

The eight-lever version has the same ergonomic design, but the two extra levers make it possible to use the seventh and eighth functions without having to shift main OPERATIONAL VIEW.

The eight-lever version is ideal for cranes configured with more than six hydraulic functions, for instance when fitted with jib and hoist.







## COMBIDRIVE 4 SYSTEMS

CombiDrive4 incorporates many unique HIAB innovations and components that make crane operations faster, safer and more environmentally-friendly:

- Easy access to the operational VIEWS for crane, stabilizers, truck and settings
- Error code descriptions – shown in controller to enable quick actions
- Haptic feedback – helps operator keep focus on work at hand
- On-screen troubleshooting
- Simplified logic – all functions can be reached quickly
- Expandable and can be personalised
- Extended, 9.5-hour battery life
- Lightweight – as low as 1896 grams
- Optimised size for best ergonomics – dimensions: 307 × 206 × 174 mm
- Customisable controls with multi-functionality
- Integrated working and hazard light
- Local language support
- Operational hours, cycles and service indicators
- ePTO (electrical power system) information
- Symbols for additional functions on crane and truck can be customised
- Configurable buttons for quick access
- Real-time clock shown in display
- Scratch-protected displays
- Dynamic background lighting
- Ergonomic design for long working days and easy access with gloves
- Release countdown timer visible



# THE DISPLAY AND VIEW SYSTEM

CombiDrive4's customisable display system features a centre display where your most important data is displayed. And its two side displays show relevant information for each lever and text for configurable buttons.

## THE DISPLAY

### Centre display

The centre display shows fixed information on the top bar, and variable information that changes with the VIEW that you select. You can adjust and customise this information depending on your needs. Crane and stabilizer system status, vehicle data, crane warnings and features status are all displayed here.

### Side displays

The left and right displays show:

1. The symbol for the function that each lever controls in the active VIEW, and the OLP percentage of some functions. Function symbols change according to the VIEW selected. The function symbols show a direction (for example, up, down, left, right, etc...) that applies when you move the lever forward.
2. The text for the configurable buttons (for example, start/stop engine, increase/decrease rpm on the engine, etc...). The function of each button can change according to the configuration of the specific crane.





# VIEW SYSTEM

In each of the primary VIEWS, you can select different sub-VIEWS by pushing the same VIEW button repeatedly. The number of sub-VIEWS depends on the configuration of the crane.

VIEWS make it easier for the operator to switch back and forth between crane and other operations, such as the stabilizer.

## CRANE VIEWS

Crane status, stabilizer system status, vehicle data, crane warnings and features status are all shown in the centre display's grid layout.

Side displays show different crane function symbols, each corresponds to a lever.

## STABILIZER SYSTEM VIEWS

The centre display shows the actual VSL diagram, vehicle silhouette and stabilizer system, including front auxiliary stabilizers, main crane stabilizer system, auxiliary stabilizer system and rear auxiliary stabilizer system. The display also shows the stabilizer legs and extensions status.

Side displays show the symbols for the different stabilizer extensions and legs functions corresponding to each lever, and the text for the configurable buttons.

## TRUCK VIEWS

The centre display shows on the full screen the description of the VIEW. The different information shown in the alternative view depends on the crane configuration. Push the button to change between the different alternative displays.

Side displays show the symbols for the different functions corresponding to each lever and the text for the configurable buttons.

## SETTINGS VIEW

The centre display shows the symbols for the different settings and their status on the full screen. If they are active, the symbols are highlighted and shows a blue bar at the bottom, but if they are not activated, they are shown in grey.

Side displays show the symbols for the different functions corresponding to each lever and the text for the configurable buttons.

### Safety in focus

Each function is operated using a specific lever on the controller. If a lever is faulty or moved at start-up, the lever and the function are disabled. The other levers work as usual.



### Notes:

1. With the two extra levers on the eight-lever controller, it is possible to use the seventh and eighth functions at the same time with functions 1-6, without changing to another CRANE VIEW.
2. The functions presented in each VIEW can be customized depending on crane configuration. It can be changed by an authorised service workshop.



# DESIGN INNOVATION - DRIVEN BY YOU

Hiab is part of Cargotec, renowned throughout the world for innovation and engineering excellence. The quality and reliability of our cranes are without equal in the truck loader market. But there is another crucial factor in our global success. We have a philosophy of listening, and responding, to the needs of those who matter most – the people who own and operate our cranes. The design and development of every crane we manufacture are customer driven. This will become crystal-clear when using your HIAB loader crane.







GLOBETROTTER



BDO 5  
VOLVO TRUCK CENTER



# HI CONTROL - THE FUTURE OF CRANE OPERATIONS



HIAB knows loader cranes and has set the standard for safety, performance and excellence for more than 75 years. Our remote-control systems are the most advanced on the market, with smart functions and an outstanding crane handling experience. Now HIAB has taken crane operations to the next level with the ground-breaking HiControl. It packages three HIAB best-in-class systems into one solution that takes crane operations to the next level.



## **SPACEEVO** NEXT-GENERATION CRANE INTELLIGENCE

SPACEevo is the future of loader crane intelligence, now 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. And SPACEevo is future-proof thanks to its open platform.



## **COMBIDRIVE 4** NEXT-GENERATION REMOTE CONTROL

If you want the best remote loader crane control system, then the only choice is our all-new CombiDrive 4. Intuitive, ergonomic and safe, it will give you an outstanding crane handling experience with true control at the touch of your fingertips.



## **REMOTE DIAGNOSTICS SYSTEM** NEXT-GENERATION CRANE DIAGNOSTICS

Loader crane diagnostics and management just got better, simpler and more user-friendly. Eliminate downtime and keep your crane in top shape, always. Let us watch your back and just keep going.

# STANDARD ACCESSORIES

The HIAB CombiDrive4 is delivered with neck and waist belts, two NiMH batteries and the battery charger as standard, and a cable connection is available as an option.



Battery charger



NiMH battery



Waist belt



Neck belt



Cable connection



**KEEP YOUR BUSINESS MOVING  
WITH HIAB SERVICES**

When you invest in Hiab equipment, you invest in quality performance to safely and efficiently fulfill your commitments to your customers – every single day. With Hiab Services you have access to the latest tools and connectivity solutions, quality parts and global network of experts to support you throughout your equipment's entire lifecycle, giving you the uptime and reliability you need to keep your business moving.

## Original Parts

Hiab Original Parts ensure that your Hiab product stays a Hiab product. Keep the same functionality and quality you invested in from the start – essential for optimal performance, maximum safety and avoiding downtime.





**HI CONTROL**™



The ultimate crane operations solution

- **SPACEvo**
- **CombiDrive 4**
- **Remote diagnostics system**

PB-HIAB-COMBIDRIVE4-EN-EU\_-220916

## 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, and tail lifts under the ZEPRO, DEL and WALTCO brands. 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](http://www.hiab.com)

