

Touch the future

with integrated electronics



HC 8500 / 9500

HC 8500 / HC 9500 HARDI touchscreen terminal



Integrated electronics

The HC 8500 / HC 9500 are multicolour HD touchscreens. The complete integration of all important information on one work screen is an important criterion. Easy to operate, optimal overview brings maximum control.

HC 8500 / HC 9500 work screen

On the working screen the driver can operate AutoHeight, AutoSectionControl, as well as guidance and the dosing. The view can be switched between 2D and 3D, when guidance is active.



Virtual Terminal

The HC 8500 / HC 9500 displays are designed to meet the ISO 11783 ISOBUS Virtual Terminal standard. So the sprayer could also operate as with a HC 6500 terminal on.

Data management and data transfer

The HC 8500 / HC 9500 have an USB port as standard feature; via this port data can be exchanged. This simplifies application reporting, providing an easy way to generate detailed application reports for governmental record keeping. Reports provide location, product information, applied totals, field areas, as applied maps and field boundaries. The data can be transferred to different farm management software.

The HC 9500 automatically creates an application report in a pdf-format which can be saved, emailed or printed. For this no additional software is required. Basic information about weather, soil conditions, products, etc. can be added.

Feature	HC 9500	HC 8500
Dimension	12.1" (30.7 cm)	8.4" (21.3 cm)
ISOBUS Virtual Terminal	•	•
USB port	•	•
AutoSectionControl	•	•
Guidance	•	•
Coverage Mapping	•	•
Data Logging	•	•
Variable Rate Application	•	•
Smart Report™	•	N/A
Boom Height Control	○	○
AutoSteer Control	○	○
OptRx® Crop Sensors	○	N/A
Camera Support	○	○

• Standard ○ Optional

HARDI reserves the right to change the specifications without notice. Illustrations shown may include optional extras and accessories.

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The Sprayer

Read more at www.hardi-international.com

HC 9500 HC 9500 work screen

The complete integration of all important information on one work screen is an important criterion.

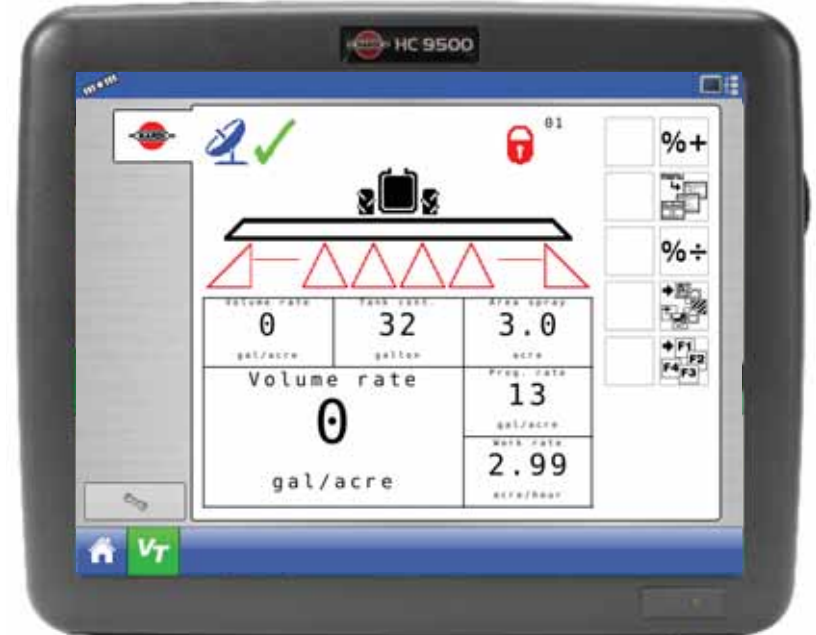
On the HC 9500 working screen the driver can operate AutoHeight, AutoSectionControl, as well as guidance and the dosing.

The view can be switched between 2D and 3D.



Virtual Terminal

The HC 9500 display is designed to meet the ISO 11783 ISOBUS Virtual Terminal standard. So the HC 9500 could also operate as the HC 6500.



Touchscreen: Multi color HD touchscreen 12.1" (30,7 cm)

ISOBUS: Compatibility with the ISO 11783 Virtual Terminal Standard

Precision farming: Real time data logging

AutoSectionControl: Standard

USB port: Data management and data transfer ready via USB port

Guidance: As standard, prepared for Automatic Steering

Speakers: Integral speakers with stereo sound

AutoHeight: Prepared for AutoHeight

Status bar

GPS status, sprayed area, Guidance lightbar and driving speed are always on the same spot.

Mapping toolbox

Here the guidance system can be controlled and boundaries can be made.

Task bar

To the left side the main screen buttons are placed and to the right side are function buttons.

AutoHeight area

Here all data of the AutoHeight are controlled and displayed.



Product toolbox

Here the dose rate can be controlled. Flow rate and tank content are also shown here.

Map screen

Map view can be in 2D or 3D. Which sections are active can be seen here in one glance.

Sprayer specific part

Here the operator can see more detailed information about his sprayer.



GRIP and SetBox

The primary functions are controlled on the well proven HARDI GRIP. Operation is done without moving focus from the field. The main on/off function and the section switches are only used until the AutoSectionControl is activated. Also the hydraulic functions are only used to change settings, if AutoHeight is available.

The SetBox controls secondary functions. The keys are larger so even at a distance, operation can be carried out. The keys are grouped into seven control areas to simplify operator's understanding. Here the COMMANDER SafeTrack or the TWIN FORCE settings can be controlled.

GPS 1500 and GPS 2500

The GPS 1500 and GPS 2500 are both all-in-one antenna/ receiver systems. These compact, low-profile units feature fixed or magnetic mounting options and offer an affordable solution for sub-meter accuracy with fast startup and re acquisition times. The GPS 2500 features a dual frequency receiver making it ideal for operations that require a high level of accuracy in the field.



- Outputs simulated radar speed
- Up to 10 Hz output
- Output of NMEA position data to other equipment
- Ideal for AutoSectionControl applications
- e-Dif® technology provides accuracy without the need for a subscription to a differential signal
- Differential correction options include WAAS/EGNOS, OmniSTAR HP/XP and VBS.
- GLONASS capable (GPS 2500)

GPS-Differential correction	GPS 1500	GPS 2500
WAAS/EGNOS	■	■
OmniSTAR XP/HP/VBS		■

ISOBUS Bridge

If a HC 9500 is delivered with a HARDI sprayer that has been factory equipped with the ISOBUS bridge, then the ISOBUS bridge is doing the communication between the terminal and the sprayer's jobcom. There is only the ISOBUS plug as an connection between the tractor and the sprayer, so the set-up is very easy. For non ISOBUS tractors an ISOBUS update kit is available.



Data management and data transfer

The HC 9500 has a USB port as standard feature, via this port data can be exchanged and a smart report option. This simplifies application reporting, providing an easy way to generate detailed application reports for governmental record keeping. Reports provide location, product information, applied totals, field areas, as applied maps and field boundaries.

Enter basic information about weather, soil conditions, products used, etc.

Automatic creation of PDF reports that can be saved, emailed or printed.

Requires no additional software.

The HC 9500 can transfer data to different farm management software.



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The Sprayer

Industry Leading Technology

Equipment and data compatibility



ISOBUS
Compatible

One single ISOBUS terminal replaces a multitude of terminals specifically for single implements on the tractor.
ISOBUS compatible following ISO 11783



ISOBUS ISO 11783

The primary goal of ISOBUS data technology is to standardise the communication which takes place between tractors and implements while ensuring full compatibility of data transfer between the mobile systems and the office software used on the farm.

ISOBUS makes inefficiency a thing of the past by creating a standardized and compatible interface between the tractor and associated implements with the future aim of achieving plug and play capability for every combination. Just plug it in, and you are ready to go. One single ISOBUS terminal replaces a multitude of terminals specifically for single implements on the tractor.

ISOBUS bridge

HARDI sprayers can be ordered with an ISO-BUS bridge. By this, the sprayer can be directly operated with ISO-BUS virtual terminal (VT). The HARDI functions like SafeTrack and Prime

Flow will be operated and controlled from the ISO-BUS virtual terminal on a compatible ISO display. To make the complex sprayer operation easier, the proven HARDI GRIP will be delivered with the sprayer, so that all primary spray functions as on/off and section switches as well as the hydraulic operation can be done easily and safely with the grip. Also a SetBox will be used to operate sprayer specific equipment as TWIN air assistance or SafeTrack steering directly, and also other secondary functions.

Data transfer

HARDI sprayers with ISOBUS use the data transfer capabilities of the ISOBUS terminal's task controller. HARDI ISOBUS supplies the data that leading farm software systems require.

ISO Display

HARDI is compatible with certain manufacturer's displays. Please contact HARDI or your nearest HARDI dealer for more specific information. Some displays are limited to VT operation, and certain functions

like Auto Section control are dependent on manufacturers display capabilities.



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HARDI - The Sprayer



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Read more at www.hardi-us.com