HC 5500

Full integration
It is so simple to fit. The design is fully integrated with the other control boxes so the HC 5500 is the natural choice for your HARDI sprayer. It typically takes only one cable connection to connect. The sprayer control box already has the necessary plug.

Freedom ofplacement
The HC 5500 is small enough not to clutter the tractor cabin. It can be located independently from the controls. It is logical to locate it in the line of travel while the controls can be located close to the operator.

Large clear screen
The black text on green background is easy to read, even in bright sunlight. The 4" x 2" screen can show more than 5 lots of information simultaneously. The screen has back-lighting for night time spraying.

Crucial information in large format
Vital on-the-go information is displayed in a larger format so it is easier to read.

Quick start to go spraying
An available Quick Guide is enough to get you spraying. An in-depth explanation of functions and possibilities can be fully explored, step by step, in the comphrehensive operators' manual.

Quick to attach
It takes only a couple of seconds to set the equipment in the tractor cabin. The turn of a wing bolt is all that is needed to secure the HC 5500 and controls.

Audio and visual alarms
Alarms can be set to warn of incorrect volume rate, low tank contents, excessive speed and for optional transducers e.g. high or low pressure if a pressure transducer is being used.
A warning is also given if a boom section is left switched off.

No battery for memory
HC 5500 does not rely on batteries to maintain the memory when the power has been disconnected. This simplifies storage.

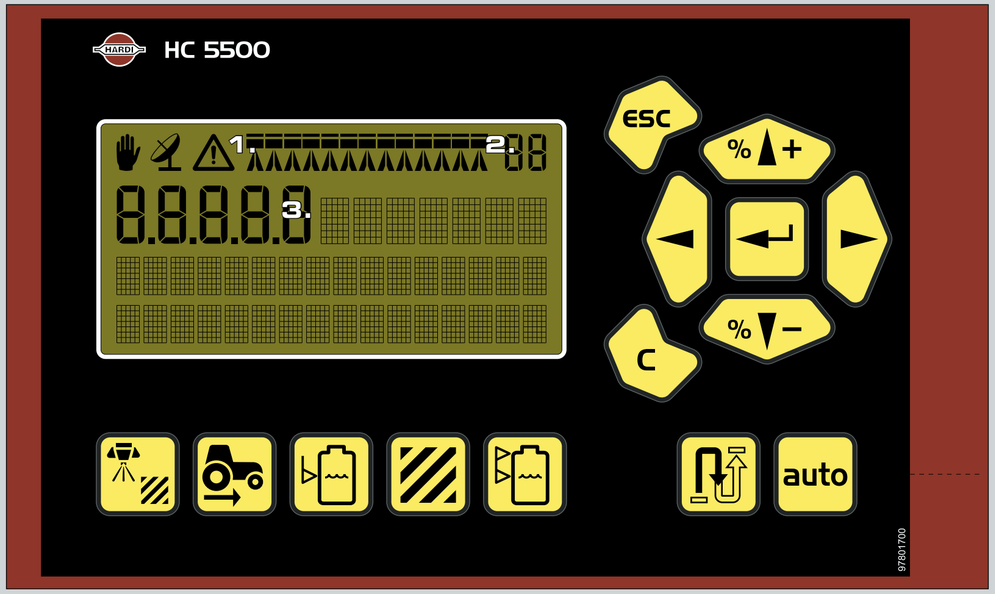
Spray with and without HC 5500
As extra security, it is still possible to continue spraying even if the HC 5500 is removed from the sprayer.

Advanced farming ready
The volume rate may be supplied from an external source e.g. a site specific application map or a remote sensor. An icon on the screen will indicate when this is active.

Registers, hard copy and data transfer
Up to 98 registers with real names can be used. A copy of the register information and HC 5500 configuration can be made with a 12 Volt printer. It is also possible to transfer the data to an office PC.

Auto Foam marker
To ease operation of the HARDI Foam marker, the HC 5500 can be set to turn it on an off and switch sides automatically. Status is shown on the screen.

Auto ON/OFF
The main ON/OFF can be set to open or close at a certain speed. This allows the operator to fully concentrate on driving.



Menu location identification
Once a menu is opened, a number is shown for every menu. This is a great aid to identify your exact location in the menu system.

Changes of volume rate
The HC 5500 can be programmed to increase or decrease the volume rate in freely chosen percentage steps or 3 different rates.

Clock and alarm function
Includes date, time of day, stopwatch and an alarm.

Toolbox menu
This menu is a collection of helpful items. These include distance measurement, a stopwatch and alarm clock, service interval readout and a diagnostic components check.

Logbook menu
This menu groups all data collection methods. It includes printing to a 12 Volt printer and data dumping to an office printer. This could be done, for example, using the HyperTerminal function in Microsoft Windows.

Minimum speed and pressure setting
The pressure regulation valve can be automatically prevented from regulating under a set speed or pressure. This prevents a poor spray pattern from the nozzles.

Service intervals
Sprayer service reminders are displayed when the service interval is due.

Nozzle check interval
Nozzles do wear and once the limit is reached they should be changed. This can be easily forgotten or over looked. After a certain number of hours, a reminder to check nozzles is displayed.

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Readout:
1. Boom section status.
2. Active register (area trip).
3. Large format readout of volume rate, speed, tank contents, area treated and total volume sprayed, distance or area left.

Status for manual spraying, external rate and service interval reminders are also shown when relevant.

The third and forth line can be set up by the operator to show the following:
- Programmed and actual volume rate.
- Flow rate.
- Optional transducer readout.
- Actual time.
- Work rate.
- Actual volume rate.
- Actual tank contents.
- Actual speed.
- Volume and area covered.
- Active boom width.

Spray box

1. Power switch
2. Air volume (TWIN only)
3. Air slot (TWIN only)
4. Manual pressure regulation
5. Main ON/OFF
6. Valve function A-B*
7. End nozzle ON/OFF*
7. Foam marker regulation*
9. Foam marker ON/OFF*
10. Boom section valves

** Optional equipment*

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