Quick Guide: Hardi Controller HC 5500

1st line symbols
A. Automatic or manual status
B. Variable rate application status
C. Service interval warning
D. Boom status without dual line:

<table>
<thead>
<tr>
<th>D 1</th>
<th>D 2</th>
<th>D 3</th>
<th>D 4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Flashing</td>
<td></td>
</tr>
</tbody>
</table>

Section: off off on on
Main: off off on on

E. Active register (area trip)

1st line symbols display and register number
2nd line: Preset key readout or menu number
3rd line: Optional readout / height and width for UCR
4th line: Optional readout

Controller functions
1. Navigation keys (raise, lower, left, right)
2. Confirmation key (or Enter)
3. Clear key (zero’s value)
4. Escape key (no value change)
5. Activates automatic control and clears % over/under rate

Preset (press)
6. Volume rate
7. Speed
8. Tank contents
9. Area
10. Sprayed amount
11. Remaining distance or area

Short cut (press & hold)
Menu 1.1 Volume rate
Menu 3.1.1 Speed calibration
Menu 1.2 Entering tank contents
Menu 1.3.1 Choosing register
Menu 4.1.1 Measuring distance

Spray box switch functions
1. Power switch
2. Manual pressure regulation
3. Main ON/OFF valve
4. End nozzle ON/OFF
5. Foam marker interval regulation
6. Foam marker Left, OFF, Right
7. Section valves ON/OFF
8. Optional function, e.g. electric valve etc.
9. Air volume (TWIN only)
10. Air slot angle (TWIN only)

Spray box switch functions:

Connections

Com 1: Printer (optional)
Com 2: Printer (optional)

12 Volt
Brown
Blue

Speed input (if on tractor)

Switch

From sprayer

Controller:

Blue
Brown
12 Volt
**Navigation keys**

- To escape a menu (hold to escape all menus)
- To escape without changing value
- To move the cursor to the left or to the right
- To increase canopy width (when using UCR)
- To enter a menu
- To confirm (accept) a value
- To scroll up
- To increase a value
- To increase volume rate in steps or to select another preset application rate
- To increase canopy height (when using UCR)
- To scroll down
- To decrease a value
- To decrease volume rate in steps or to select another preset application rate
- To decrease canopy height (when using UCR)
- To clear a value
- To reset the active register (hold until countdown is Finished)

**Keystroke menu tree chart (SW. ver. 3.00)**

The first steps to choose a menu are shown below.

Press ↩ to proceed into the menu. See relevant section in the book.

Press and hold to exit the menu system.

**Basic to get going**

Boom data, flow and speed calibration and volume rate must be entered.
Go to the menu on the Controller and find the relevant section in the instruction book.

**Boom data**

- [3.1.1 Width]
- [3.3.2 Number of sections]
- [3.3.3 Nozzles pr. section]

**Flow meter calibration**

- [3.2.1 FLOW CONSTANT]
  The below PPU value is approximate and a practical calibration is recommended.
  Det anbefales, at udføre en praktisk kalibrering.
  The standard values for HARDI flow housing is:

<table>
<thead>
<tr>
<th>Code</th>
<th>Orifice mm</th>
<th>Flow range L/min</th>
<th>Approx. PPU</th>
</tr>
</thead>
<tbody>
<tr>
<td>One outside groove</td>
<td>13.5</td>
<td>5 to 150</td>
<td>120.00</td>
</tr>
<tr>
<td>No outside groove</td>
<td>20.0</td>
<td>10 to 300</td>
<td>60.00</td>
</tr>
</tbody>
</table>

**Safe Track**

Hydraulic lever must be activated before the HC5500 is turned on.
Calibrate before use and when tractor is changed.

**Speed calibration**

Press and hold until one of the following is shown:

- [3.1.1 Sprayer] Sensor on sprayer
- [3.1.2 Tractor] Speed sensor on tractor
- [3.1.3 Radar] Speed sensor is a radar

The practical calibration is recommended.