

PL-9500

Software update version 2.48

NEW Automatic Silo switching
and imperial units

For PL-9500 and PL-9530.

Attention: *Not for PL-9400 or lower*

29-08-2025



We would like to inform you about an important update for your PL-9500: version 2.48 is now available.

This update contains new features that improve functionality for more ease of use and efficiency.

If you have any questions, please do not hesitate to contact our Service department:

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Thank you for your trust.

What's new?

1. Automatic silo switching for siloweighing
2. Imperial measurements function added
3. Added options for external alarms
4. Eggcounter function improved
5. Heating, option water: temperature setting improved
6. Bug fixes

Read further below for clarification on points 1, 2 and 3.

Applicable to:

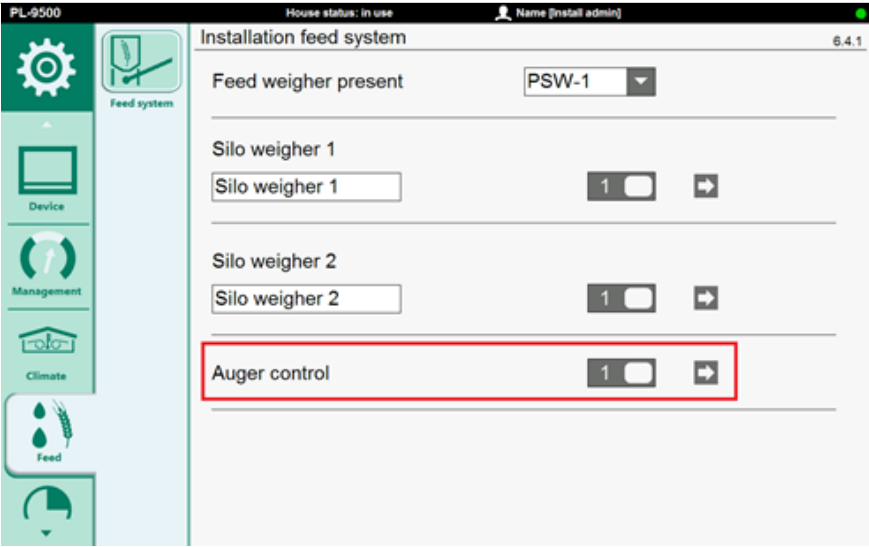
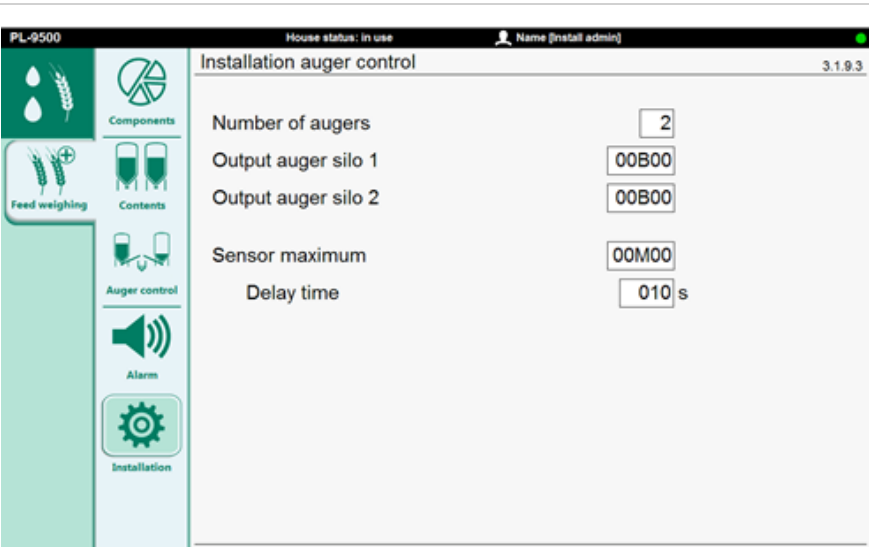
- **PL-9500** and **PL-9530**– version 2.48 or higher

Updates PL-9500

#1 – Automatic silo switching for silo weighing

Previously, automatic silo switching was only available in combination with a PFB (feed weighing). With this software update, automatic weighing is now also possible between two silos, provided that both silos are equipped with silo weighing.

For installation:

| | |
|--|---|
|  | <p>Activate 1 or 2 Siloweighers</p> <p>Activate the <i>Auger control</i></p> |
|  | <p>Setup 1 or 2 silo's</p> <p>Setup relay auger control (motor M1 and M2)</p> <p>Setup digital input maximum sensor (S1)</p> <p><i>Note: if feed wagons are present, the feed sensor contact must be connected in series with the 'feed wagons present' contact.</i></p> |

For user

| | | |
|--|---|--|
| | <p>Auger control 3.1.3</p> <p>Auger control <input type="checkbox"/> 1</p> <p>Status silo 1 free</p> <p>Status silo 2 free</p> <p>Auger active Silo weigher 1</p> <p>Active no</p> <p>Sensor maximum feed 0:10 s</p> | <p>Auger control on/off</p> <p>Displays and sets the current silo status.</p> <p>Displays the current silo</p> <p>Active shows if the auger is running</p> <p>Shows the status of the sensor, a delay will be visible when the sensor is free of feed.</p> |
|--|---|--|

Silo status

- Free
- Empty
- Blocked. The user can set the silo to “blocked”

How does it work?

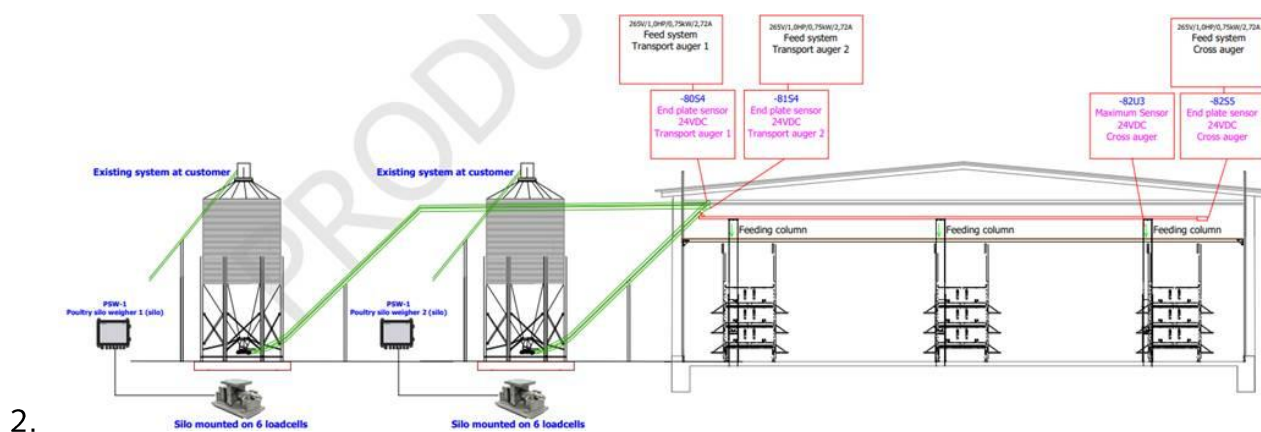
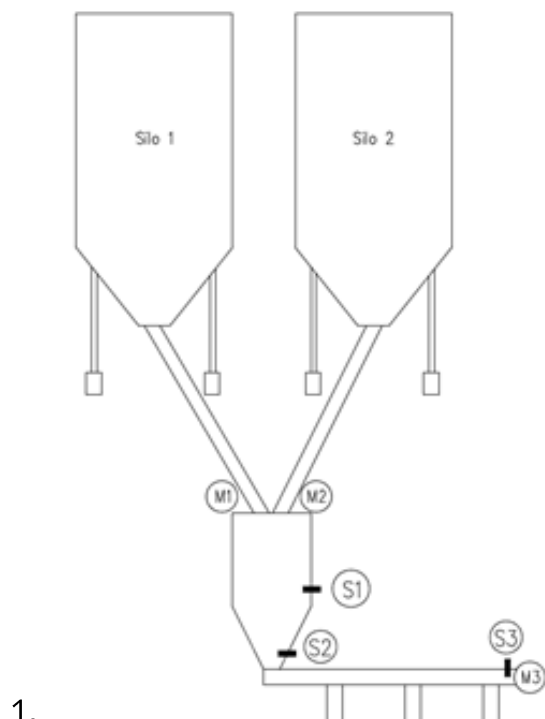
- If no feed intake is detected from the silo due to bridging, silo is empty or auger is switched off, the silo status is set to ‘empty’ and the system automatically switches to the silo that is available.
- If a silo is set to “empty” the silo will automatically set to “free” after:
 - The filling of the silo is done.
 - At the 24h time (00h)
- If the feed counter (PSW-1) detects a “maximum supply alarm” the silo supply augers will stop.
 - Reset this alarm by: resetting all alarms or turning the feed counter alarm off and on again

The auger control is active when:

| Program | Active |
|------------|--------|
| Not in use | No |
| Preheating | Yes |
| Brooding | Yes |
| In use | Yes |
| Catching | No |
| Cleaning | No |
| Drying | No |

| Problem | Potential issue | Solution |
|--|--|-----------------------------------|
| Alarm code "No silo available" Control "Auger control" | No "free" silo's available | Set a silo from "empty" to "free" |
| Silo is empty and the system does not switch to another silo | All silos are set to empty or blocked | Set a silo from "empty" to "free" |
| | The alarms of the silos are switched off | Switch on the silo alarms |
| Auger does not stop and silo is empty | Alarm "silo weighing" is switched off. | Switch on the silo alarms |
| Feed counter maximum supply alarm | Too much feed detected in a short period of time | Reset alarm |

Below are two example situations.



See the appendix for the technical modification to the panel.

#2 – Imperial measurements are added

The imperial units feature has been added. In other words, units can be converted to US units such as inches, feet, gallons, pressure (Pa) etc. For the countries where this applies.

#3 –Added options for external alarms

Option 'NO/NC' (Normally Open / Normally Closed) was added. And 'delay alarm relay' was added.

