# Software

When new software is available an update symbol is shown on the screen. Go to settings to install the update. If you have any questions, push the question mark button on the screen or contact us.

#### See what version your robot runs on

The latest software for the operator panel (PLC) is denoted **1.15**. The latest firmware is denoted **15.30**.

The latest software for the control electronics (PCB) is denoted **1.20** (denoted 1.19 for older electronics revisions).

## PLC software change log

## 1.15 (2020-06-11)

#### **New features**

Added support for undo from joystick (SHIFT1+SHIFT2 then WATER button = UNDO) Added support Romanian language (separate configuration) Added support Hungarian language (separate configuration) Tower and telescope movements will now accept a difference of 10 pulses from target without alarming for getting stuck

#### Improvements

Automatic run remains paused after emergency stop has been reset Removed possibility to save empty programs Other functions are now blocked when wheels are toggled in manual mode Min and max position for tower and arm removed from Service screen

#### 1.13 (2019-12-19)

**New features** Added support for Wi-Fi configured routers

## 1.12 (2019-11-19)

#### Improvements

Improved reliability of hose spreader performance



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### 1.11 (2019-10-09)

#### **New features**

Added support for Spanish language Added support for Dutch language

## 1.9 (2019-07-02)

#### **New features**

Added alarms for low and high pressure Added setting for not going back to the first marker after the recipe is finished Added support for German language The robot now sends SMS if washing is aborted unexpectedly Added support for Korean language

#### Improvements

Improved guidance when an update is available Washing is now blocked if homing is not done or if all positions have been reset Improved battery status accuracy Improved low battery handling and prevention '

## 1.8 (2018-12-07)

**New features** Added support for virtual markers

## PCB software change log

## 1.20 (2019-05-02)

Softer ramping of power to the hose reel motor

Delay PLC power on

Updated current measurement algorithm

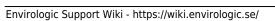
## 1.16 (2019-01-24)

Support for pressure sensor

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