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 **1.16**. The latest firmware is denoted 15.52.

The latest software for the control electronics (PCB) is denoted **1.22** (denoted 1.21 for older electronics revisions).

PLC software change log

1.16 (2021-05-17)

New features

Delayed start of first recipe, set in hours Robot tries to untangle stuck hose reel between recipes by moving forward 1000 pulses Power to telescope automatically increased beyond position 375 if stuck

Improvements

Feedback on notification feature termination Soft alarms are no longer flashed during automatic washing, but still found in alarm list Hose spreader stops moving if hose reel has not moved for 5 s Time limit for low water pressure alarm is increased to 120 s (from 30)

Fixed issues

Removed possibility to set 0 as last marker number

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



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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

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

1.22 (2021-03-19)

Faster start of hose reel motor

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

PLC firmware change log

15.52

Manufacturer fixed issue where it was possible for the unit to get stuck while booting which could result in complete backup battery drain if left unresolved Manufacturer fixed issue where units were not shutting down properly when backup battery voltage was below 2.0 V

15.40

Manufacturer fixed issue with backup battery possibly being drained after quick power toggles Manufacturer fixed issue with false failing selftests due to backup batteryand loss of data

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