



TECHNICAL INFORMATION

05. March 2020

TI0420

Machine type/s:

SiLine GF / SiLine SÜ

SiLine Software 0.12.1

The following changes apply to all SiLine machines:

Software surface

The software surface is being updated. Some menus have already been converted. Instead of tabs the different categories can be navigated via a Hamburger menu. It is also possible to switch between the sub-menus with a horizontal finger-swipe. Points on the lower side of the screen show the current position. After editing, values can be reset to factory default.

The default price as well as maximum price are displayed in accordance with EVA-standard. The 99999999 disappears as soon as you change the value.

The menu for test vend has been simplified. As soon as the credit system is in "Free vend" mode, the "Test vend (with credit)" function is deactivated.

If a machine is not configured a new sub-menu enables the machine type to be set.

Diagnostics menu

The time zone of the machine is no longer effected by the run time in the diagnostics menu.

Payment systems

The "Free vend" setting for all products does not deactivate any payment systems which may be connected.

Crediting the cashless cards with banknotes has been optimised.

Storing the serial number of the end users' cashless cards can be switched on. Storage can be activated by using service code 75L. In factory settings this function is deactivated.

Price lists "Price 1" and "Cash price" are treated equally. For different values the "Cash price" list is preferred to "Price 1" list.

The "Fill with change" menu has been improved.

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The tube levels in a coin mechanism can be viewed via the “Tube inventory” menu. The following values can be seen:

- Actual status of the coins
- Difference to projected number of coins

The projected values can be programmed separately (on their own page in the menu).

Token recognition is more reliable.

Price lines

Happy Hour can also be offered with the following credit systems:

- BDV
- Executive

Telemetry

Data can also be read out when the machine door is closed with DEX/UCS. This function is required primarily for telemetry modules.

Access rights management

Service codes can also be used by the filler. Functions such as code 69M (all spirals go to end positions) can be activated via the diagnostics menu.

For resetting the password to read out via IrDa, service code 82M can be used.

Password management has been optimised. The passwords can be changed depending on the role of the user.

Statistics

Statistics can be produced in CVS-format and saved onto a USB-stick. Values separated by comma (.csv) can be opened without any problem in Microsoft Office Excel for further editing.

Test sales are listed in the statistics.

Door openings are counted under the entry EA1*EGC and no longer under entry EA2*EGC.

Cash statistics are visible to all users - irrespective of login.

Media

Media contents for the slideshow must not necessarily be prepared on the computer. When resizing the media content via the vending machine you can choose whether the media should be presented full screen. Either the picture fills a complete page and is trimmed proportionally to maintain the dimensions or it is cut on the border. Alternatively the media contents can be presented to only fill one size (length or width).

The slideshow list can be completely emptied. If the “Slideshow” function is activated without any pictures being displayed, after a set time without a vend the screen saver starts.

The menu for adapting the product pictures has been optimised.

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Design lighting

The “Live Preview” of the RGB-design illumination has been improved.

Service code

Service code 99M46M resets all selections to standard values. Settings such as “Alternate motors” or “Coupled motors” are deleted. Please be aware that after initiating service code 99M46M a shelf look up-up run must be started.

The following service codes have been amalgamated as previously two codes were assigned to the same function:

Previous:	New	Function
70L	80L	Reset service counter
75L	81L	Cashless Save ID on/off

Chiller unit

The warnings “Compressor overheating” (error code EOA_2005) and “Compressor temperature critical” (error code EOA_2007) are no longer automatically reset. When a warning message appears please follow the instructions on the screen (check compressor operation, clean dust filter (chiller unit lint filter) follow complete cleaning menu).

If the operating temperature of the compressor in the chiller unit repeatedly finds itself in a critical area, the machine will automatically go out of operation. The machine will go out of operation if the compressor switches off 3 times. This is to protect the machine and its surroundings. The message “Compressor shut-down” is displayed.

SiLine SÜ

The following changes affect all SiLine SÜ machines.

Alternative motors

If a machine is to be converted to vend different product lines, it is simpler to couple motors.

Single and twin motors can be coupled together. As a result product compartments do not need to be converted to accommodate product changes.

The “Alternative motors” menu is omitted for machines without a light grid.

Operating modes

If the “Food safety” function is activated “Eco mode” cannot be switched on. This is because in Eco mode the temperature in the chilled area increases during the night

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Deals

Deal configuration has been improved.

There is also an order to how products are delivered when part of a deal. The drink is dispensed first and then the snack product. Please note that the quality of the product must be maintained.

The deal configuration performs better when using coupled motors.

A product picture can be assigned to the deal via the service menu.

Diagnostics menu

The "Shutter open/close" button is new in the diagnostics menu.

Terminology

The previous "anti-robbery protection" function (if no vend takes place, the shutter in the dispense drum is closed) has been renamed "anti-theft protection".

Product container

The linking of motors has been improved. Possible presentation problems if 3 motors were linked has been resolved.

Motor recognition has been optimised.

"Automatic motor test" is a new function. As with the function "Accelerated test" all spiral and pusher container motors are started briefly.

The "Helix overrun" function, the "overturning" of spirals, in order to dispense a jammed product has been improved.

The "helix overrun" function has been deactivated on SÜ machines without a light grid, as there is no monitoring equipment within the machine to detect the product falling.

There is a synchronisation for coupled motors, in the event that only one motor is at the limit switch following the product being dispensed. This is to give the machine a uniform appearance.

Payment systems

The interaction of the shopping cart function and Executive and BDV protocol has been improved. A warning is issued if the MultiVend Mode is not configured in the coin mechanism. Otherwise after the first part delivery change is paid out.

Accounting with cashless systems and active price lists for a shopping cart has been improved.

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Shopping cart function

So that organised delivery of products can take place the database of so-called product classes has been extended. Values such as "heavy product" or "light product" can be assigned here.

The shopping cart function has been improved. If the credit changes during the vending process, the product is still delivered to the customer.

The shopping cart function has been improved (more products can be selected and then paid for). The door may open during the vend process. If this happens the vend process is interrupted.

Article security

As soon as the vend process commences and a spiral/pusher motor begins to turn, the available credit is reserved for billing. If there is a recognised attempt of manipulation during the vend process the credit can be withheld.

Advanced theft protection has been improved.

Lift

The following changes only affect the SiLine SÜ machines with a lift system.

The product offset is to ensure that the lift travel is consistent with a particular product. Height adjustment has been limited.

Should the product lift motor become too warm and the error occurs "Snack lift blocked" or "Snack lift reference run not clear" the machine will go out of operation. After a cooling down period of approx. 20 minutes the machine will try to go back into operation on its own, and in doing so a lift reference run is initiated.

During a vend it is established that encoder values have gone missing. A lift reference run is prompted.

Product offset adjustment has been improved. The "Product offset" function makes the lift travel to the correct position (the positions can be re-adjusted). The function also applies to alternative motors.

If the product delivery unit is blocked when open (customer can remove goods) the lift will travel to a higher position. This should rectify the product delivery unit being blocked.



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SiLine GF

The following changes affect all SiLine GF machines.

Article security

If the switch on the on the delivery gate does not operate correctly the lift will no longer work. Blocking the delivery gate and at the same time bypassing the switch for "delivery gate closed" status is no longer possible.

Lift

Lift calibration has been improved. Detection of the new narrow product container has been improved.

The new software has already been installed on the following machines before leaving the factory.

Machine	Software	Ex works from serial number
SiLine GF	0.12.1	90497256
SiLine SÜ	0.12.1	90497271

The latest corresponding software can be found on our Homepage in the Download-Center (<http://www.sielaff.de/download-center/>).

Sielaff GmbH & Co. KG Automatenbau Herrieden