

# 1 What is new in EKC V2.3?

Operating system of the machine: V\_EKC\_002.003.000\_STOLL

## 1.1 Screen saver - Set waiting time

 Configure Machine ->  System Settings->  Display ->  Waiting time for the screen saver

 Waiting time for the screen saver	The screen saver is switched on automatically at the end of the set time. Value range: 1-9999 minutes
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## 1.2 Name change - Stoll Nameserver becomes Stitch Nameserver

The name of the Stoll Nameserver was modified in "Stitch Nameserver".

 The Stitch Nameserver is required for recognizing the network peer in the intranet.

## 1.3 New command "YGC: n!" - Yarn carrier will not be clamped

If a yarn carrier should not be clamped, enter this in the yarn carrier home position "YGC" (at ADF: YGCX).

Example: YGC:1/2 3! 4;	<ul style="list-style-type: none"> <li>◆ Exclamation point "!" for yarn carrier 3</li> <li>◆ Yarn carrier 3 will not be clamped and positioned in the parking position (also at "S0Y").</li> </ul>
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 If the knitting program shows the instruction that the yarn carrier should be clamped (Y-3A:C;), then an error message will appear.

## 1.4 Order Menu

- ✓ The order consists of one position (knitting program)

Using the order menu, the various making-up sizes of an item (knitting program) in a list are gathered together and processed one after another. The number of pieces, the cycle counters, and the counters are specified for each making-up size.

CMS530.DAVID-FRONT													SIN	JAC	SET
No.	Name	ST1	ST2	RS1	RS2	RS3	RS4	RS18	RS19	#50	#51	#52			
1	SIZE-50	36	0	8	56	6	0	0	0	0	1	460			
2	SIZE-48	36	0	8	52	4	0	0	0	0	1	450			
3	SIZE-46	36	0	8	48	4	0	0	0	0	1	425			
4	SIZE-44	36	0	6	44	4	0	0	0	0	0	405			
5	SIZE-42	36	0	6	40	2	0	0	0	0	0	375			
6	SIZE-40	26	0	4	32	2	0	0	0	0	0	360			
7	SIZE-38	30	0	4	28	0	0	0	0	0	0	350			

A knitting order (line) is processed until the number of fabrics in the "ST1" and "ST2" columns are the same. The machine automatically switches over to the next size and produces the set piece number. Knitting is carried out line by line from top to bottom.

- ⓘ Refer to the EKC online help for more information.

### 1.4.1 Activate Order Menu

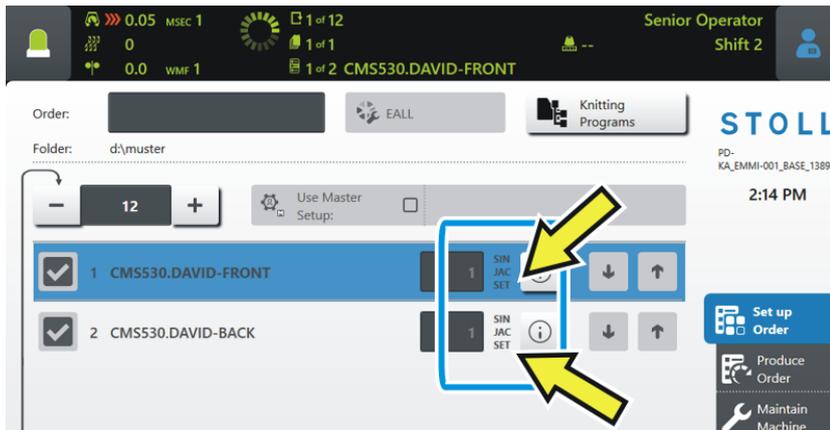
- ✓ Condition: The "Production Management" function (Work with tickets) is deactivated.

 Configure Machine -> 
  Operational Settings -> 
  Miscellaneous  
 ->  Order Menu

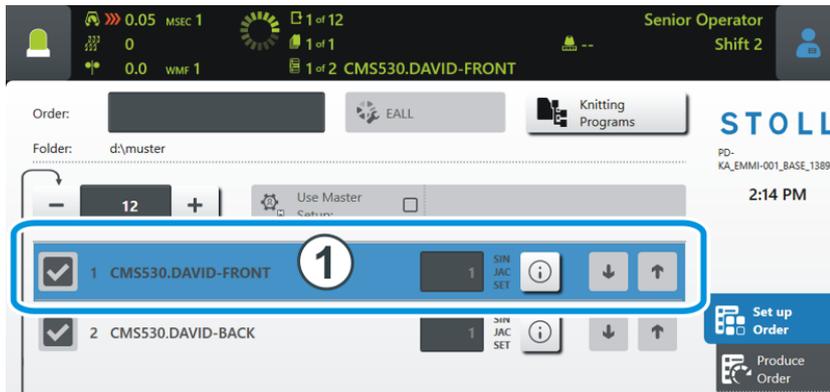


# 1.5 Expert tip: Modify the Setup file of a non active position (knitting program).

Starting situation: The order consists of several positions (knitting programs). Every position has its own, separate Setup file (.setx). This means: No Master Setup will be used.



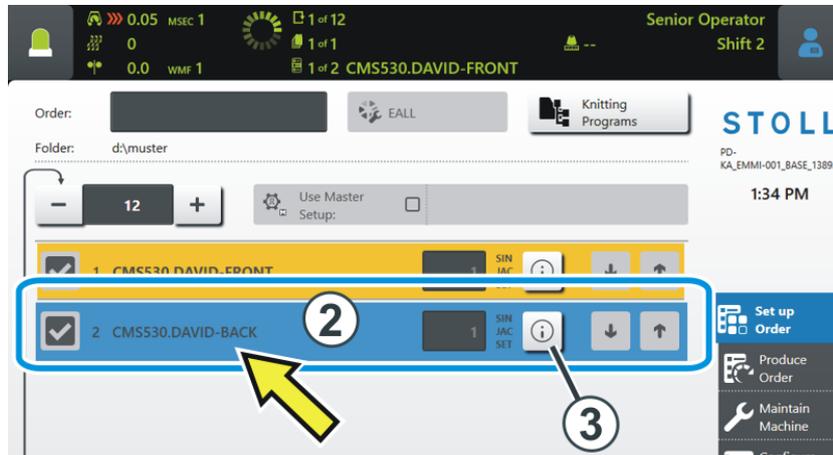
The production was started - the first position is knitted (1).



Problem: A modification should be carried out in a non active, so waiting, Setup file during the production.

Expert tip: Modify the Setup file of a non active position (knitting program).

- Solution: 1. Select the non active position (2).  
 ("Set up Order" -> "Edit Order")

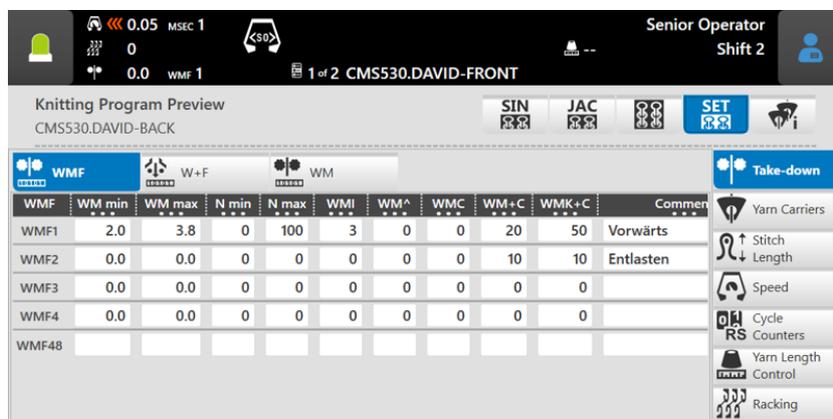


2. Tap the button (i) (3) of the non active position.  
 ▷ The Pattern Preview will be opened.

3. Tap the tab **SET** (4).

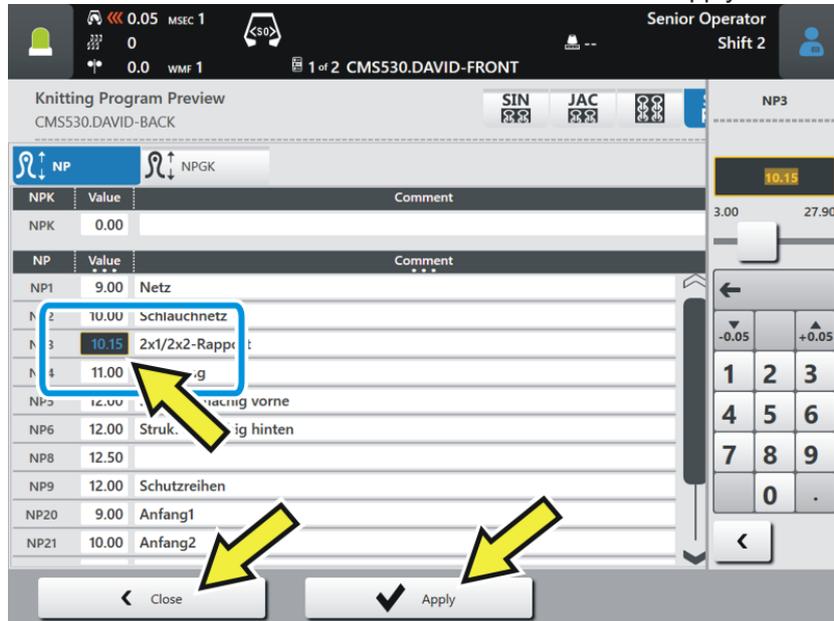


4. The Setup Editor appears.



Expert tip: Modify the Setup file of a non active position (knitting program).

5. Execute the modification and confirm entries with  "Apply".



► Close the Setup editor, for this, tap the button  "Close".

 If the whole order is finished and you tap on the button  "Exit Production", you will get asked if the modification should be saved.

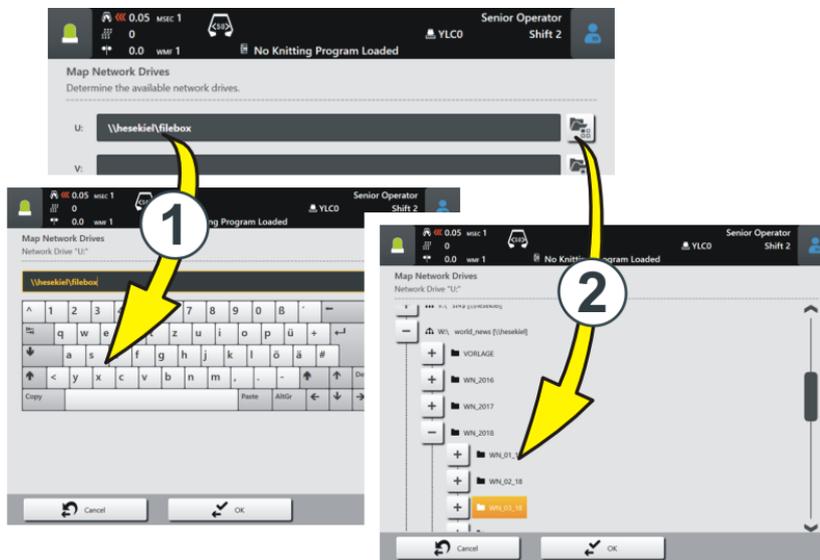
Select network drives with the help of the "Browse" function.

## 1.6 Select network drives with the help of the "Browse" function.

You have two options for selecting the network drives:

- Enter the path specification using the virtual keyboard (1).
- Select the path specification with the help of the "Browse" function (2).  
The folder and directory tree of your business network will be represented graphically with the "Browse" function, similar to the Explorer view on a computer.

 Configure Machine ->  System Settings ->  Data Management  
->  Map Network Drives



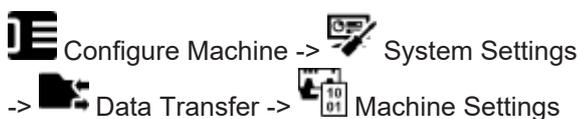
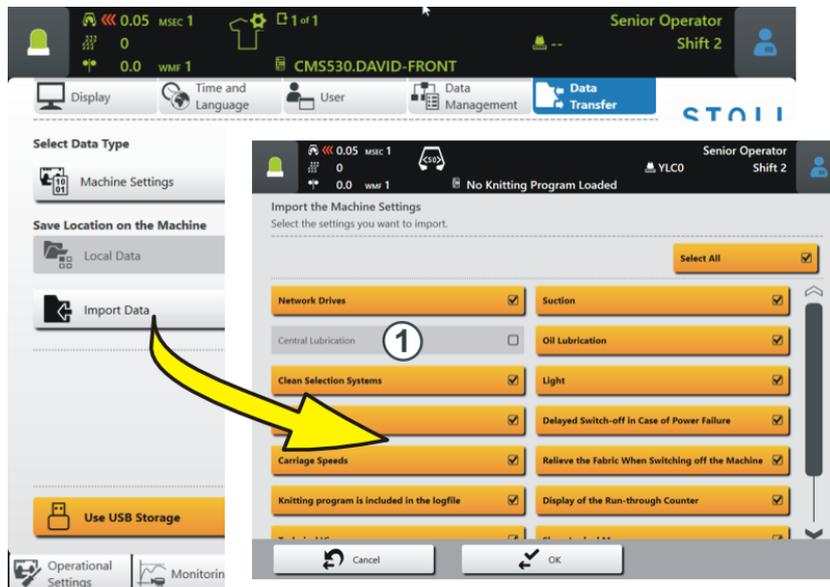
## 1.7 Import or export network drives and further machine settings

You can export further machine settings and import them on other machines.

Up to now	<ul style="list-style-type: none"> <li>◆ Carriage speeds</li> <li>◆ Various operational settings</li> <li>◆ Vacuum</li> <li>◆ Clean Selection Systems</li> <li>◆ Manual Lubricating or Central Lubrication</li> </ul>
New	<p>additionally, you can select the following settings:</p> <ul style="list-style-type: none"> <li>◆ Network Drives</li> <li>◆ Knitting program is included in the logfile</li> <li>◆ Display of the Run-through Counter</li> <li>◆ Technical View</li> <li>◆ Show Locked Menus</li> <li>◆ Waiting time for the screen saver</li> </ul>

During the import, you can choose if you want to import individual settings or all of them.

If a setting is inactive (1), it will not be imported, since this setting is not available in this machine (e.g. central lubrication).

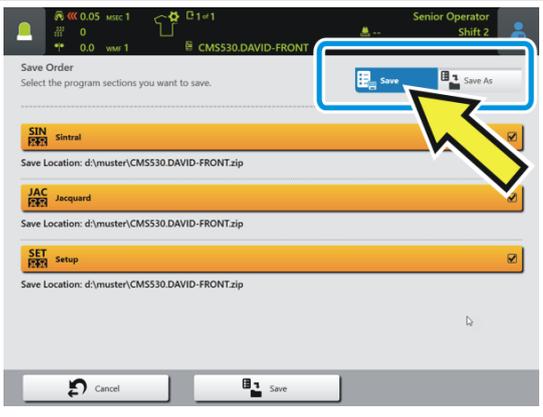


## 1.8 Save individual program elements (sin, jac, setx)

✓ This function is only active if the order consists of one knitting program.

 Set up Order -> 
  Edit Order -> 
  Save

You have two possibilities to save the order:

<p>Tab " Save"</p> <ul style="list-style-type: none"> <li>◆ Save all or individual program elements (sin, jac, setx)</li> <li>◆ The original name and the storage location of the program part are retained</li> </ul>	
<p>Tab " Save As"</p> <ul style="list-style-type: none"> <li>◆ Save all or individual program elements (sin, jac, setx)</li> <li>◆ Saving the Master Setup file only</li> <li>◆ Modify save location</li> <li>◆ Modify name of the knitting program</li> </ul>	

## 1.9 Stitch cams positions (NP) raised to 500

The maximum number has been raised from 250 to 500.

You need the following version on the pattern preparation unit to be able to use this:

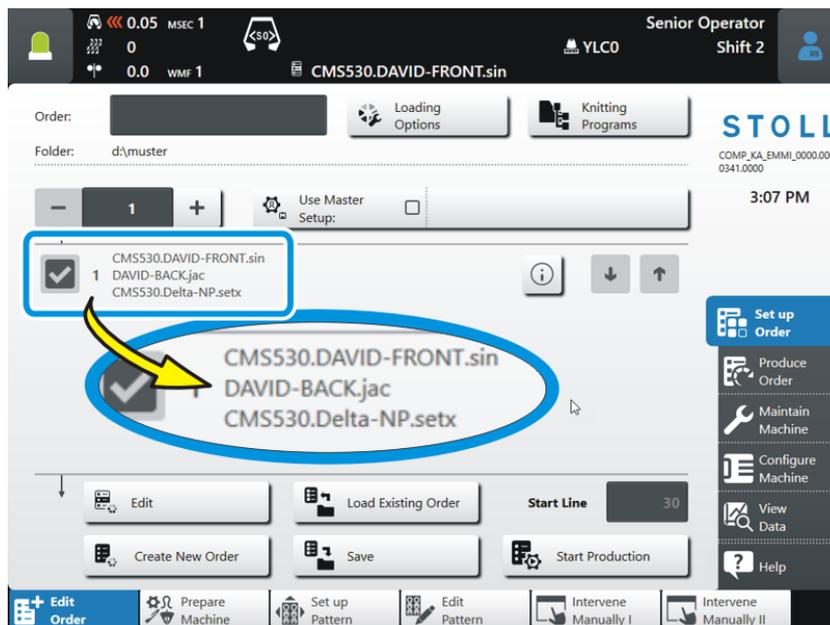
- M1plus: V 7.4.036 (or higher)
- CREATE: V 2.1.6 (or higher)

## 1.10 Edit Order - The names of the program elements are displayed

✓ The order consists of one position (knitting program)

If program elements from different knitting programs are used in one order, then the names of the program elements will be displayed in the menu "Edit Order".

Example: Order with three different program elements

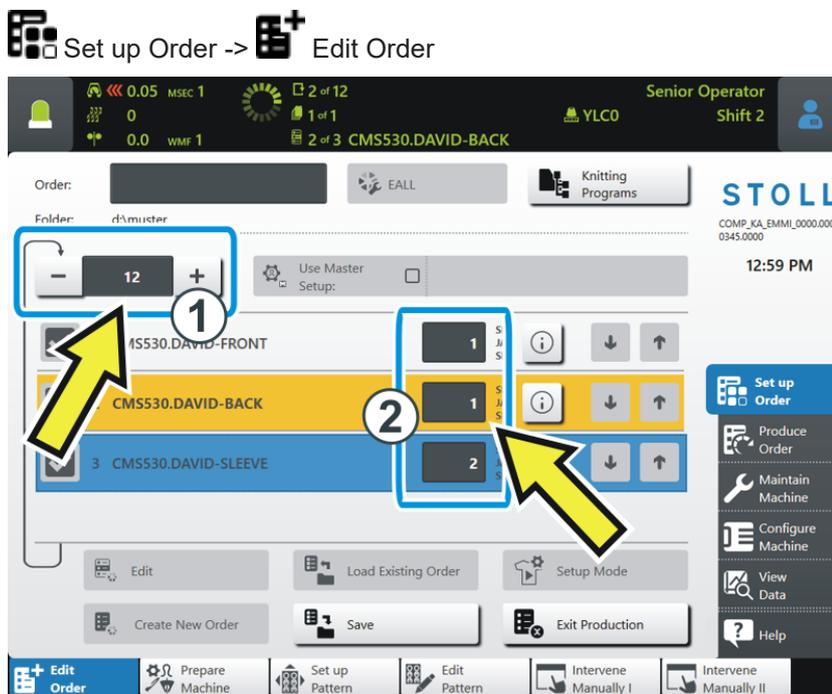


Change the quantity of a position (knitting program) while production is running

### 1.11 Change the quantity of a position (knitting program) while production is running

- ✓ The order consists of several positions (knitting programs).
- ✓ The production was started.

Up to now	During the production, you could only change the quantity of the order (1), but not the quantity of a position (2). In order to change the quantity of a position, you had to interrupt production.
New	During production you can change the quantity of the order (1) and the quantity of a position(2).



## 1.12 Turn back the belt take-down manually – speed increased to 8 mm/s

The speed of manually turn back the belt take-down has been raised from 4 to 8 mm/s.

Turn the belt take-down back manually.

1	"Turn back the belt take-down" key in the menu "Intervene Manually II"  Turn Back
2	Switch in the fabric collection chamber (Special attachment) 

## 1.13 ADF - a disabled yarn carrier is permanently deactivated

If a yarn carrier is disabled, it will remain deactivated until you activate it again.

 Also while deactivating and activating the machine, during a Restart or during the installation of the operating system, the yarn carrier remains deactivated.

When starting a new knitting program, the machine checks if a disabled yarn carrier is in use. If this is the case, the machine will not start and an error message will appear.

## 1.14 CAN feed wheels are supported

These electronic feed wheels are supported:

- EFS 820 and EFS 920 from the Memminger-IRO company
- ULTRAFEEDER 2 from the BTR company

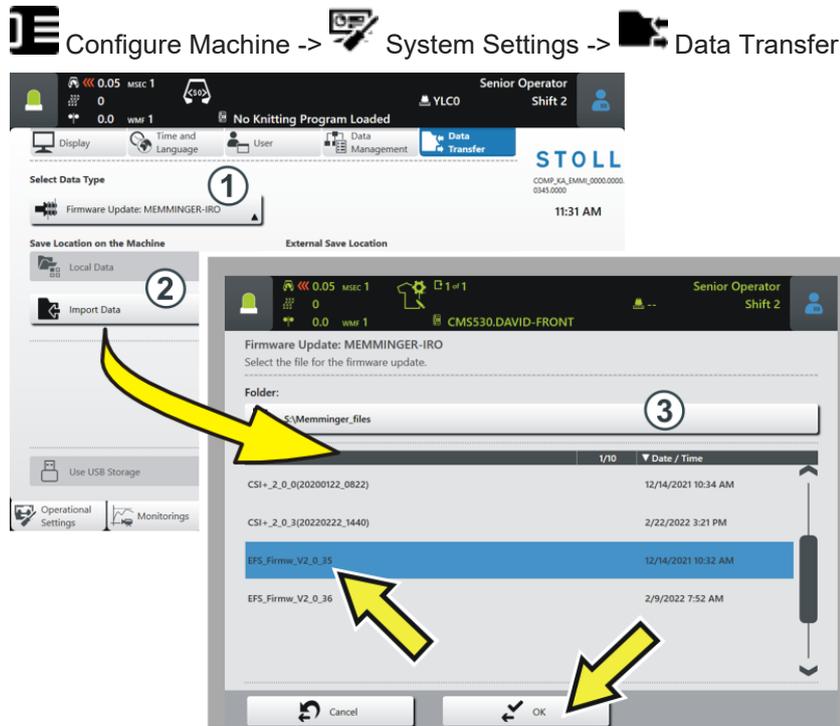
Important
In order to use the CAN feed wheels, you need a chargeable EVP (ID 282 368). If you are already using CAN feed wheels on the machine, you also need an EVP for these feed wheels.

You need the following version on the pattern preparation unit to be able to use this:

- M1plus: V 7.4.036 (or higher)
- CREATE: V 2.1.6 (or higher)

## 1.15 Feed wheel EFS - Firmware Update

You can import a firmware update for the gateway or the CAN feed wheels.



Update the firmware:

✓ The CAN gateway from the Memminger-IRO company must be connected to the machine.

1. Select data type "Firmware Update: MEMMINGER-IRO" (1) in the menu "Data Transfer".
  2. Tap the button "Import Data" (2) and select the path (3) (storage location) for the firmware update.
  3. Select the desired firmware update and confirm with "OK".
- Firmware update is executed.

## 1.16 APM Mode - Cancel production, produce ticket again

Up to now	<p>If the production is canceled, the ticket is finished and the next ticket is loaded.</p> <p> Intervene Manually I -&gt;  Cancel Production</p>
New	<p>If the production is canceled, the ticket remains active ("InProgress") and is not finished ("Done").</p> <p>If you pull the engaging rod up, the carriage moves back and forth without knitting (empty row).</p> <p>You have the following options for resuming the production:</p> <ul style="list-style-type: none"> <li>◆ Continue to knit the ticket. Tap the button "Start Production" and pull up the engaging rod.</li> </ul> <p> Set up Order -&gt;  Edit Order</p> <p>-&gt;  Start Production</p> <p>Piece number = 1: The ticket is produced again</p> <p>Piece number &gt; 1: The production of the ticket is continued. The canceled fabric piece is produced again.</p> <ul style="list-style-type: none"> <li>◆ Return or exit ticket</li> </ul> <p>Select the desired action in the menu  "Edit Ticket". If you pull up the engaging rod, the next ticket will be produced.</p>

## 1.17 PPS - The knitting time entered in the ticket is displayed, while the first fabric is produced

Up to now	<p>If the knitting program does not contain a cfgx file, the knitting time will only be displayed after the first fabric piece has been completed.</p> <p>However, if only individual parts are produced, the knitting time cannot be displayed.</p> <p>Background: If the knitting program is created on the M1plus or CREATE, the knitting time is displayed after loading the knitting program. The pattern preparation unit writes this information into the cfgx file.</p>
New	<p>If you enter the knitting time in the ticket, the knitting time will be displayed when the ticket is started.</p> <p> The knitting time from the ticket is only displayed if no cfgx file is available.</p>