

1 What is new in EKC V2.6?

Operating system of the machine: V_EKC_002.006.000_STOLL

Release: 12/2022

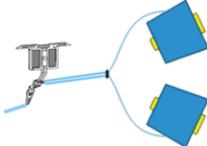
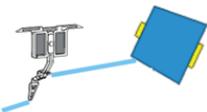
1.1 ADF - New machine gauge E20

The following machine is available with the E20 gauge:

	Type
ADF 530-32 ki W	822
ADF 530-32 ki Bc W	

1.1.1 Yarn table - Gauge E20

The specified values serve as a guideline. The quality and the specific weight of a yarn must also be taken into account. Instead of a simple yarn, we recommend twisted yarn. With coarser machines it is advisable to use several twisted threads.

Gauge	Processing [Nm]	Final count [Nm]
	 <p>Several fine threads are assembled and fed as a thick yarn to the yarn carrier.</p>	 <p>Yarn thickness of the assembled threads Example: 2 x 100/1 $100/1 = 100$ $100:2 = 50$</p>
20	1 x 70/2 1 x 80/2 2 x 100/1	30 - 50

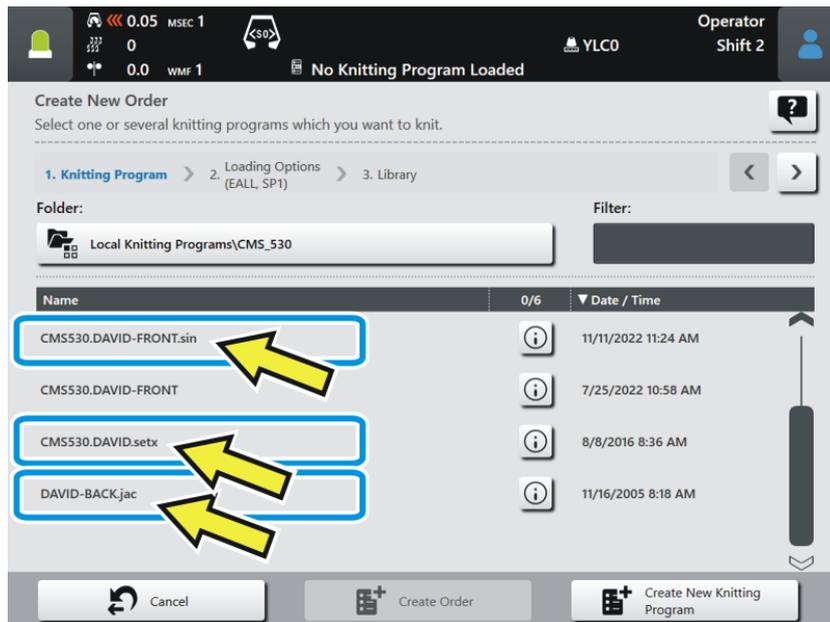
Yarn table - Allocation of machine gauge and yarn thickness

Create an order from individual program elements (sin, jac, setx)

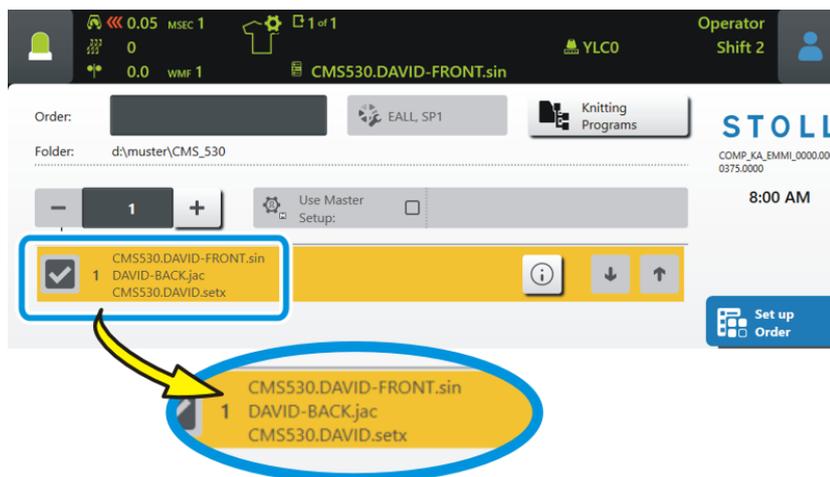
1.2 Create an order from individual program elements (sin, jac, setx)

✓ Condition: The "Load Individual Program Elements" function is activated.

You can create an order from individual program elements (sin, jac, setx). The individual program elements cannot be found in a zip file.



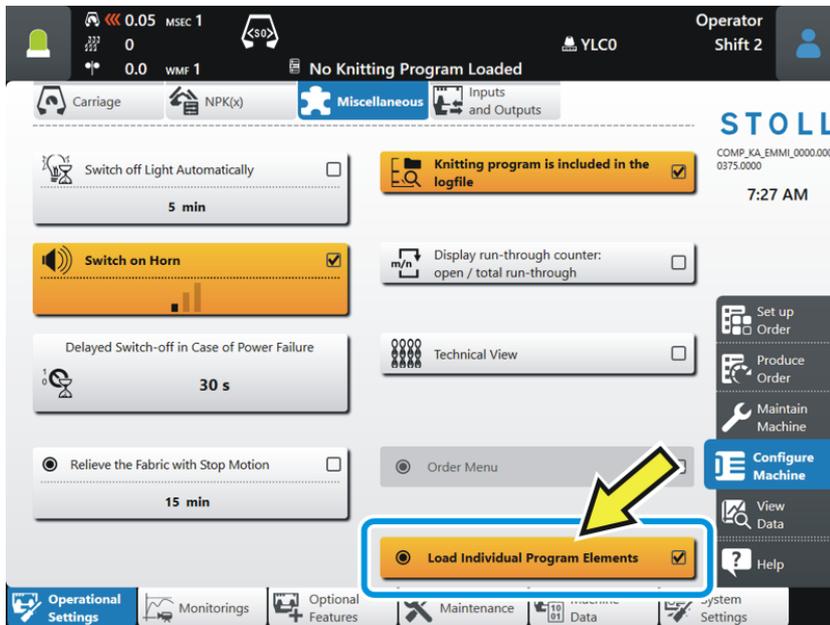
Example: The order consists of three individual program elements



ⓘ An order either consists of knitting programs or individual program elements. A combination of "Knitting program and individual program elements" is not possible.

Activate "Load Individual Program Elements" function:

 Configure Machine ->  Operational Settings ->  Miscellaneous
->  Load Individual Program Elements



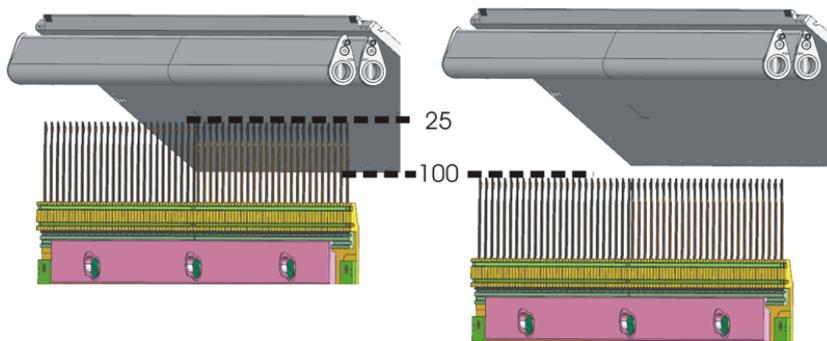
1.3 Bc machine - Value range for the delivering position changed

Command = ^{(n)}=

Up to now: 0...25

New: 0...100

The delivering position (n) of the fabric (comb take-down - belt take-down) can be set lower by a maximum of 100 millimeters. This way, short fabrics and fabrics that tend strongly to winding, can later be delivered to the belt take-down.



If you use a higher value (26 - 100) you insert it manually in the Sintralprogram, for example:
= ^{(100)}=

i If you load the changed knitting program on a machine with comb but without belt take-down, then the error message "Comb delivering position outside -22..25" appears.

1.4 Have your own documents and videos displayed at the machine

✓ The machine is networked.

You can have documents and image files from an external directory displayed at the machine.

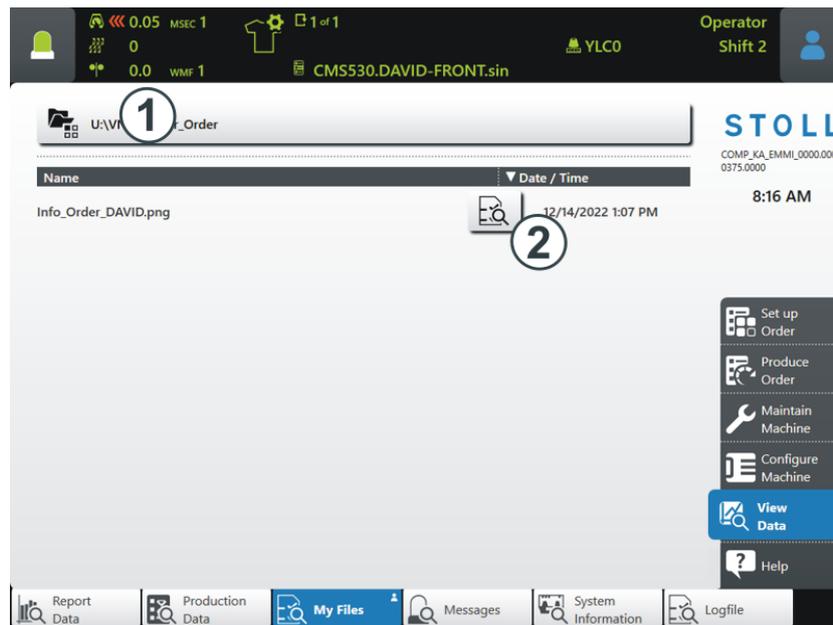
The following file formats are possible:

- Shortcuts: .lnk, .url
- Documents: .pdf, .html, .xml
- Pictures: .jpg, .jpeg, .bmp, .png
- Video (only possible with EKC2): .mp4, .gif, .avi

Have documents displayed:

1. Select the "My Files" menu.

 "View Data" ->  "My Files"



2. With the (1) button select the path (storage location) for the documents.
3. Tap the button (2).
- ▶ The information is displayed.

The main take-down turns more slowly while the fabric is delivered

1.5 The main take-down turns more slowly while the fabric is delivered

✓ Machine with main take-down and comb
✗ Machine with belt take-down

With some patterns the problem occurs that the fabric tears when the fabric is delivered from the comb to the main take-down. The reason is that the main take-down turns too fast and pulls too much on the fabric.

This problem occurs especially with high machine gauges, fine yarns and very narrow fabrics.

Remedy:

The previous "=^(n)=" command is extended with a speed specification (m) "=^(n,m)". The value (m) reduces the speed of the main take-down during the delivery of the fabric to the set percent value (50 to 100%).

Example =^(25,75)=

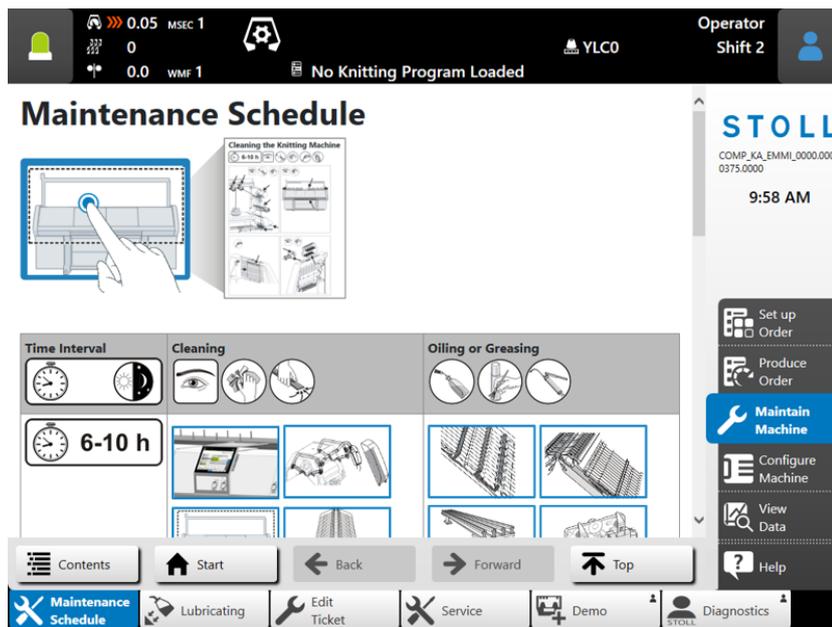
The delivering position (comb-main take-down) will be set to 25 mm lower.

The speed of the main take-down is reduced to 75% during the delivery of the fabric.

1.6 Maintenance Schedule

You can find all cleaning and lubricating instructions online on the display of the machine. The corresponding cleaning or lubricating action is explained in depth when you tap on an icon.

 Maintain Machine ->  Maintenance Schedule



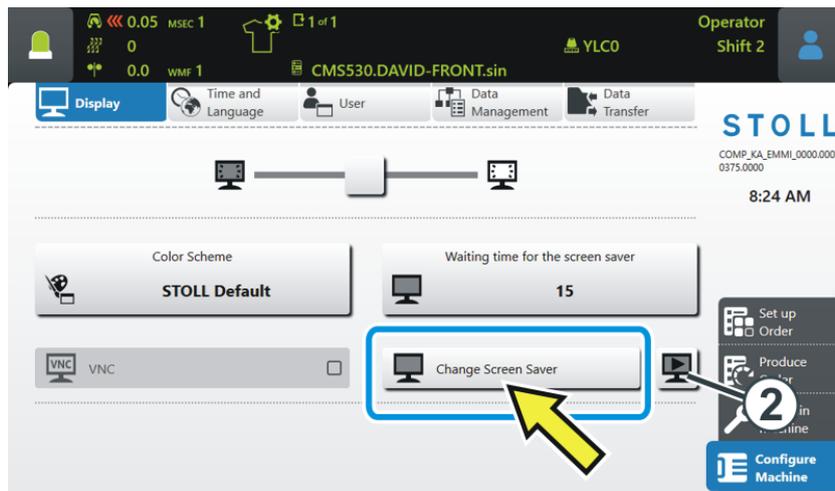
1.7 Personal Screen Saver

✓ The machine is networked.

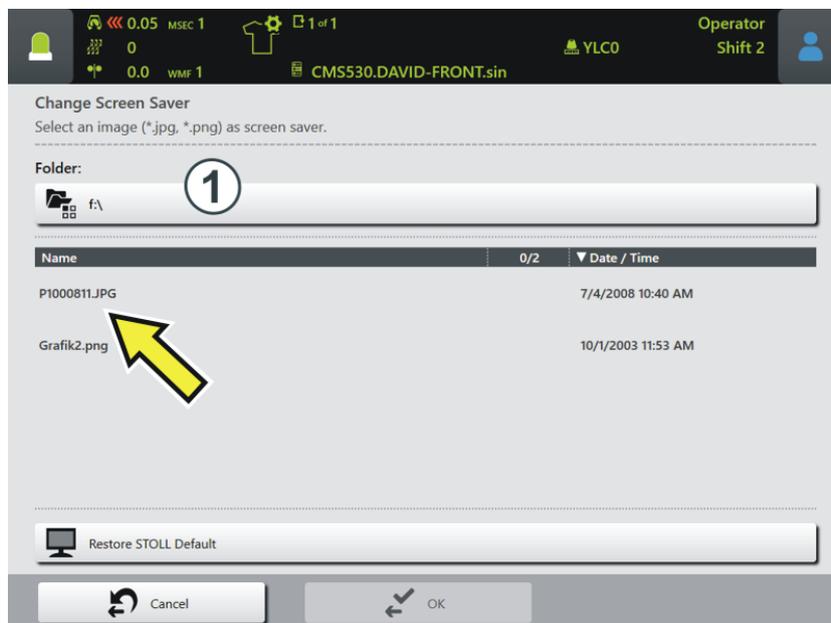
You can use your own image as a screen saver (jpg, png, max. 800x600 pixel).

1. Select the "Change Screen Saver" menu

 "Configure Machine" ->  "System Settings"->  "Display"
->  "Change Screen Saver"



2. With the (1) button select the path (storage location) for the image.



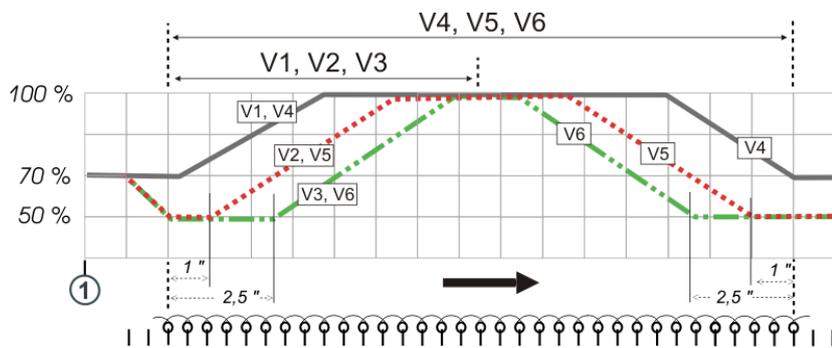
3. Select the desired image and confirm the entry with "OK".
4. Tap the button (2).
- ▶ The screen saver is activated.

1.8 Accelerate and slow down a yarn carrier while preserving the yarn

If a delicate yarn is used it may become necessary to decrease the carriage speed for this yarn, i.e. for the yarn carrier. The production speed will not be reduced.

Example: Y-2A:V1;

Up to now	V1, V2, V3 The speed of the yarn carrier when it moves into the knitting area.
New	More speed specifications are available: V4, V5, V6 The speed of the yarn carrier when it moves into the knitting area and when it leaves the knitting area.



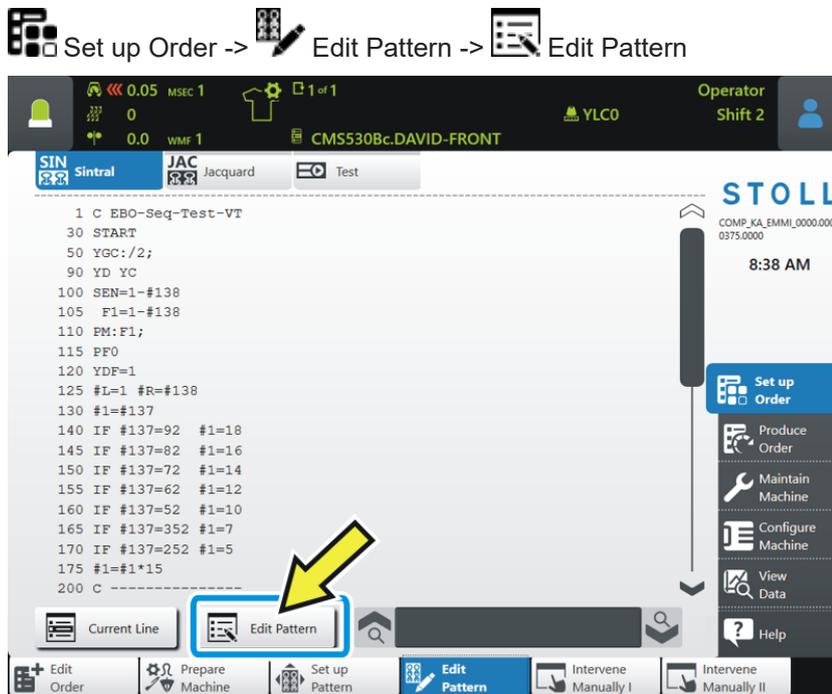
If you work with one of the following commands, the speed from the carriage reversal (1) until reaching the knitting area of the yarn carrier is reduced to 70%. Then it can be chosen between the following options:

Sintral command	Description
Y-1A:V1;	Acceleration to 100 % carriage speed
Y-1A:V2;	Reduce speed to 50%, keep speed over a knit fabric width of 1 inch, accelerate to 100%
Y-1A:V3;	Reduce speed to 50%, keep speed over a knit fabric width of 2.5 inches, accelerate to 100%
Y-1A:V4;	Acceleration to 100 % carriage speed If the yarn carrier leaves its knitting area, then the speed is reduced from 100 to 70%.
Y-1A:V5;	Reduce speed to 50%, keep speed over a knit fabric width of 1 inch, accelerate to 100% Before the yarn carrier leaves the knitting area (1 inch) the speed is reduced from 100 to 50%.
Y-1A:V6;	Reduce speed to 50%, keep speed over a knit fabric width of 2.5 inches, accelerate to 100%

Sintral command	Description
	Before the yarn carrier leaves the knitting area (2.5 inches) the speed is reduced from 100 to 50%.
Y-1A:V0;	Deactivation of yarn carrier-specific carriage speed

1.9 Sintral Editor

Up to now	Individual lines could be edited.
New	The entire Sintral or Jacquard program can be edited (full text editor).



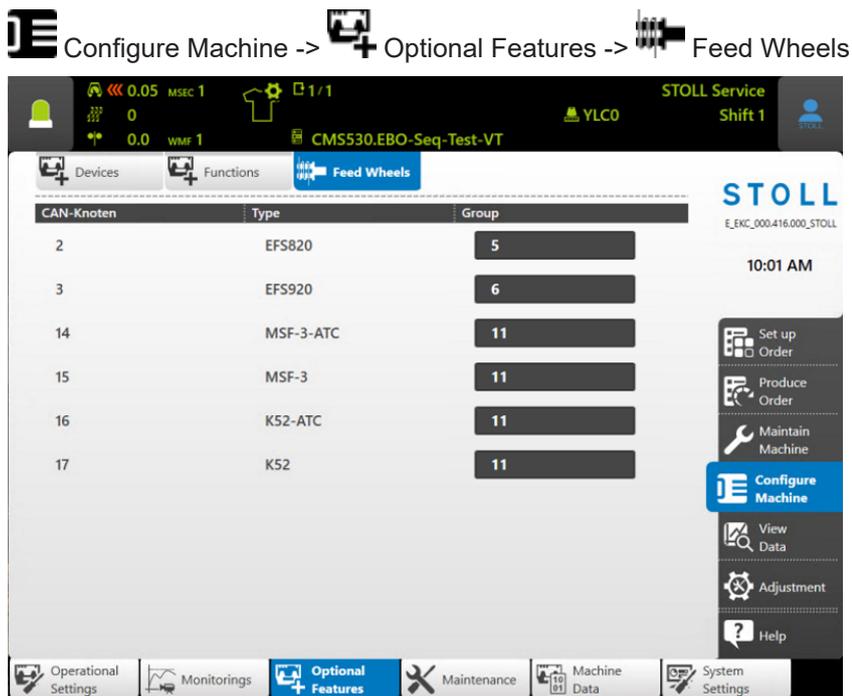
The Sintral editor:



	<p>Undo the last action.</p>
	<p>Restore the original state.</p>
	<p>Enter the term you want to find.</p> <ul style="list-style-type: none">  Search direction upwards  Search direction downwards
	<p>Find and Replace</p> <ul style="list-style-type: none">  In the left edit box enter the term you want to find and replace.  In the right edit box enter the new term.  The search term is replaced in the selected line.  The term is replaced in the entire Sintral or Jacquard program.
	<p>Select the current line. It is highlighted in color.</p> <p>With a very long line you do not lose the overview when you scroll to the start or end of the line.</p>
	<p>Switch virtual keyboard on or off</p>

1.10 CAN feed wheels - Change the group assignment at the user interface

Up to now	The group assignment could only be made at the feed wheel.
New	The group assignment can also be carried out using the "Feed Wheels" menu.



1.11 CAN feed wheels with ATC are supported

The storage feed wheels MSF 3 ATC and K52 ATC (Active Tenison Control) of the Memminger-IRO company are supported.

Important
In order to use the CAN feed wheels, you need a chargeable EVP (ID 282 368).