ADF - New machine gauge E20

## STOLL

### 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:

	Туре
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]
	Several fine threads are as- sembled and fed as a thick yarn to the yarn carrier.	Yarn thickness of the as- sembled threads Example: 2 x 100/1 100/1=100 100:2=50
20	1 x 70/2	30 - 50
	1 x 80/2	
	2 x 100/1	

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.

A (Construction of the sector	🚢 YLC0	Operator Shift 2	-
Create New Order Select one or several knitting programs which you want to knit.		<u> </u>	?
1. Knitting Program > 2. Loading Options > 3. Library (EALL, SP1) > 3. Library		<	>
Folder:	Filter:		
Local Knitting Programs\CMS_530			
Name 0/6	i ▼ Date / Tim	e	
CMS530.DAVID-FRONT.sin	11/11/2022 1	1:24 AM	
CMS530.DAVID-FRONT	7/25/2022 1	0:58 AM	
CM5530.DAVID.setx	8/8/2016 8::	36 AM	
DAVID-BACK.jac	11/16/2005	3:18 AM	
			$\bowtie$
Cancel		reate New Knitting rogram	J

Example: The order consists of three individual program elements



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

STOLL

### STOLL

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



Bc machine - Value range for the delivering position changed

# 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 Sintral program, for example:  $=^{(100)}$ 

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

STOLL

## STOLL

Have your own documents and videos displayed at the machine

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

Have documents displayed:

Select the "My Files" menu.
 "View Data" -> R "My Files"

	CMS530.DAVID-FRONT.sin	Operator Shift 2
Name	▼ Date / Time 12/14/2022 1:07 PN	COMP.KA.EMMIL.0000.0000. 0375.0000 8:16 AM
		Set up Order Produce Order Maintain Machine Configure Machine
Report Data Data	tion My Files <sup>4</sup> A Messages Information	View Data

- 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

X 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.

Maintenance Schedule

### STOLL

### 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.



Personal Screen Saver

### STOLL

#### 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" Operato ≜ YLC0 Shift 2 00 CMS530.DAVID-FRONT.sir E Data Time and Language Data User Display STOLL COMP\_KA\_EMMI\_00 ::: : : 8:24 AM Color Scheme Waiting time for the screen save ×. STOLL Default -15 Set up VNC VNC Change Screen Sa
- 2. With the (1) button select the path (storage location) for the image.

	<ul> <li></li></ul>	- <b>☆</b> ⊡ 1 ∘ 1  ■ CMS53	80.DAVID-FRONT.sin	🐣 YLC0	Operator Shift 2	-
Chan Select	n <b>ge Screen Saver</b> t an image (*.jpg, *.png)	as screen saver.				
Folde	er: 1	)				1
Nam	e			0/2 ▼ Date / Time		
P1000	0811.JPG			7/4/2008 10:40	AM	
Grafil	k2.png			10/1/2003 11:53	AM	
I	Restore STOLL Default					
	Cancel		🖍 ок			

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

## STOLL

Accelerate and slow down a yarn carrier while preserving the yarn

# 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 re- duced 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 Editor

S	T (	0	L	L
		<u> </u>		

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).
Set up Or	der -> 🆤 Edit Pattern -> 匡 Edit Pattern
	SEC 1 C Derator MF 1 E CMS530Bc.DAVID-FRONT
Sintral         J           1 C EBO-Seq.         30 START           50 YGC:/2;         90 YD YC           100 SEN=1-#136           105 F1=-#136           105 PT           120 YDF=1           125 #L=1 #R=#1           130 #1=#137           140 IF #137=92           145 IF #137=62           160 IF #137=52           160 IF #137=52           160 IF #137=52           170 IF #1137=22           175 #1=#1*15           200 C	38       Image: Section of the section o
Current Line	Edit Pattern     Set up Machine     Edit     Intervene Machine     Intervene Manually I

Sintral Editor

#### The Sintral editor:



5	Undo the last action.
2	Restore the original state.
<b>ক</b>	Enter the term you want to find.
	Search direction downwards
	<ul> <li>Find and Replace</li> <li>Image: Second se</li></ul>
a	Select the current line. It is highlighted in color. With a very long line you do not lose the overview when you scroll to the start or end of the line.
	Switch virtual keyboard on or off

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

# 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.

	c1 ←✿ □1/1 ⊧1	AVE Seq-Test-VT	STOLL Service Shift 1
CAN-Knoten 2	Functions Functions Feed Whe	Group	STOLL E_EKC_000.416.000_STOL 10:01 AM
3 14 15	MSF-3-ATC MSF-3	6 11 11	Set up Order
16 17	K52-ATC	11	Maintain Machine Configure Machine
			View Data Ø Adjustment

#### 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).