Screen

«Home»

Switch between home screen and sewing screen.
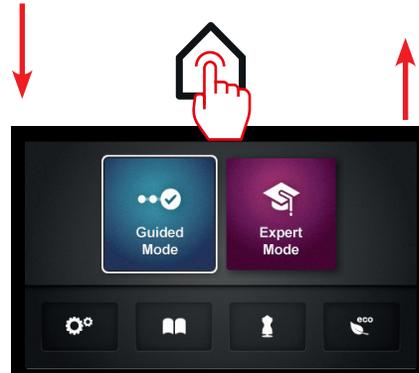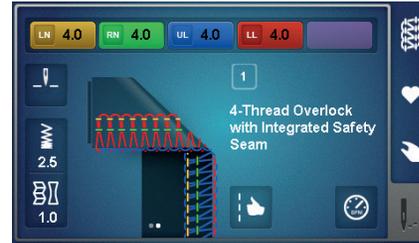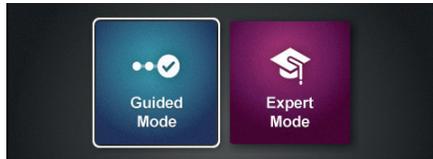
Screen

? «Help»

By tapping on «?» the help function is activated. A screen area can be selected and the corresponding help / explanation appears.

clr «clr»

Reset all settings of the current stitch to the default values. Manual settings are retained and must be reset manually.

Home screen

User mode

	«Guided mode»	The guided mode is preset by default supporting the user to get to know the operation of the machine. No prior knowledge is required. This mode guides you step by step through the necessary settings and leads to sewing start. Animations are offered as help to perfom the correct operation. By default, this mode is represented by a blue background of the screen.
	«Expert mode»	The expert mode is a creative and fast mode, which allows shortened operation and only the most important instructions are indicated. The expert mode requires good knowledge of overlocking. After selecting the stitch this mode shows an overview of the mechanical settings, which are to be individually checked or executed. By default, this mode is represented by a purple background of the screen.

Home screen

⚙	**«Setup program»**	Make personal settings to the machine which are retained when the machine is restarted.
📖	**«Tutorial»**	Show more information about operating the machine.
👗	**«Creative consultant»**	Select stitch with the help of the creative consultant. The creative consultant recommends the optimal stitch in combination with needle, thread and presser foot based on an individual project.
eco	**«eco»**	Activate eco mode and lock the screen.

Sewing screen

	«Stitch selection»	Select stitch directly. The last stitch settings are lost unless they have been saved.
	«Personal memory»	Select personal stitches. Saving, overwriting or deleting stitch settings. Automatic settings will be saved. Manual settings can be recorded as a stitch note and also saved.
	«Manual settings»	Show the manual settings to be executed on the machine for the selected stitch. The wizard may be selected from this screen for step by step instructions.
	«Stitch view»	The stitch view is a general overview of the selected stitch along with its automatic settings (stitch length, differential feed and thread tensions).

Stitch view

The stitch view is the most important view on the sewing screen.

The selected stitch is shown in the stitch view. This provides access to various views and automatic settings.

The setting of a stitch is done via two screen views:

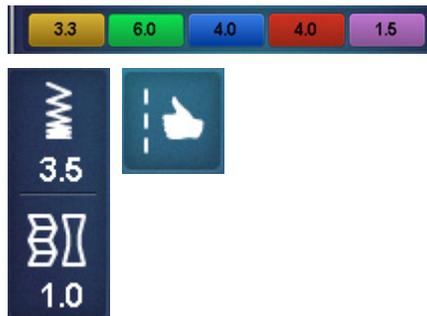1   Manual settings
2   Automatic settings

Automatic settings
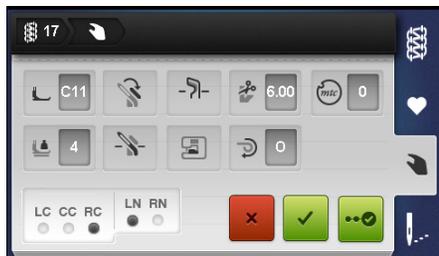

with direct influence on the stitch
–   Thread tension adjustment
–   Stitch length «SL»
–   Differential feed «DF»
–   Stitch optimizer

with direct influence on the machine, regardless of the stitch selection
–   Needle stop up/down
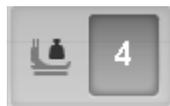–   Maximum sewing speed

Stitch

Manual settings

The overview of the manual settings can be selected from the «stitch view». All information are shown as notes and must always be executed or checked by the user on the machine.

Presser foot recommendation

Setting presser foot pressure

Setting cutting width «CW»

Setting «mtc» micro thread control

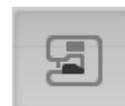**Setting roll hem selector lever «O/R»**

Insert needles

Setting upper looper converter «hooked in/hooked out»

Setting upper looper «on/off»

Setting knife «on/of»
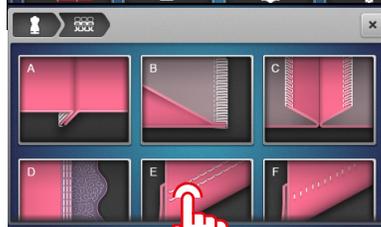
Insert «Knife cover insert/cover stitch insert»

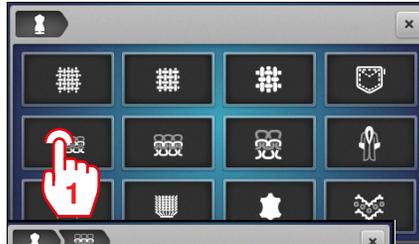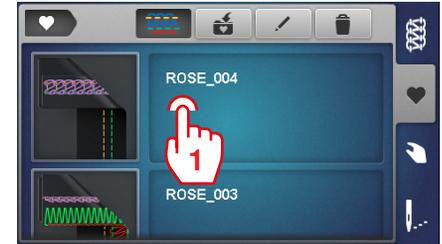**Cancel**
Confirm

Wizard

Stitch selection

Direct stitch selection

By creative consultant

From personal memory

Personal memory

Save stitch
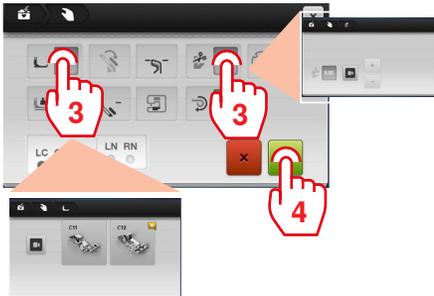
Rename stitch

Delete stitch

9

Sewing start

Selecting a stitch

ROSE_004

ROSE_003

Threading the machine

OVERLOCK	COVER	COMBO

LN RN   LC CC RC   RC LN RN
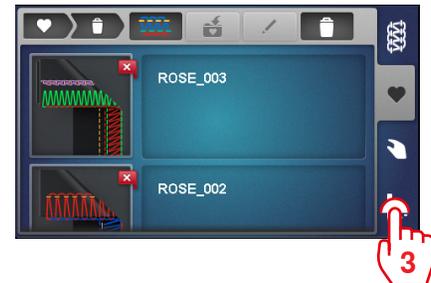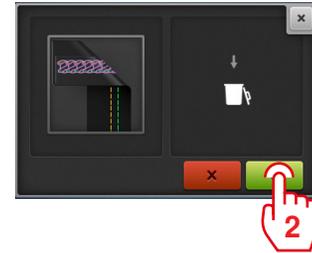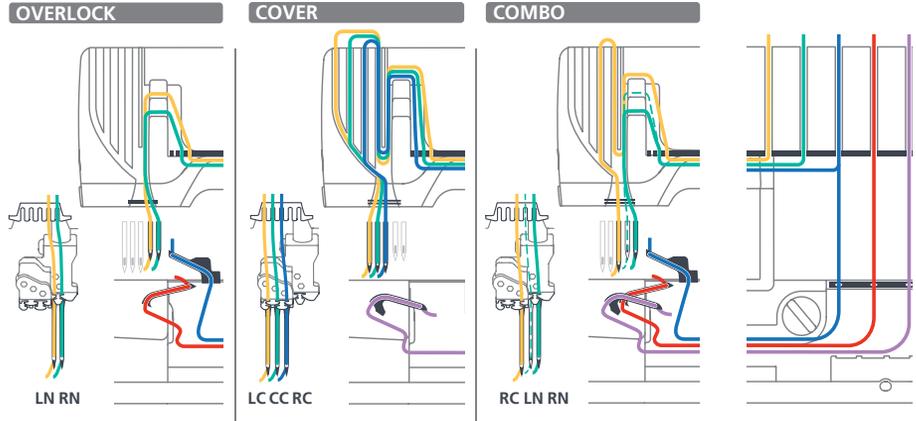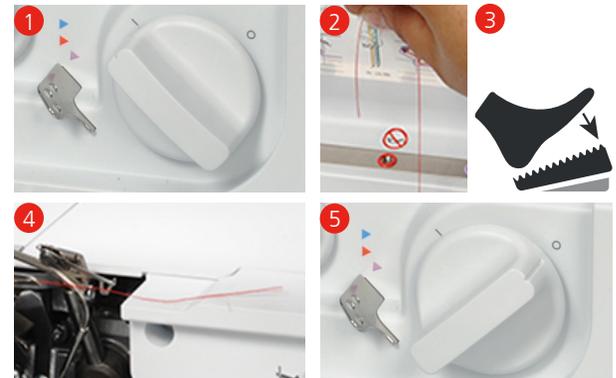
Threading the needle
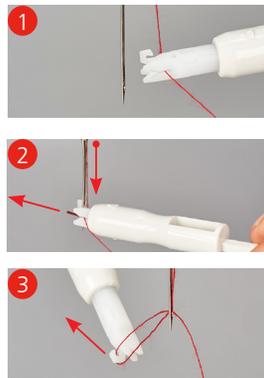
Threading the looper

Stitch optimizer



The stitch optimizer helps to achieve the optimal stitch.
Prerequisite:
• The sewing test was performed.

> In the stitch view, tap «Stitch Optimizer».
Imperfect stitch images are shown.
> Tap the stitch image best matching to the sewing sample.
Corrective measures are proposed.
> After each action, reassess the sewing test and repeat the process until the perfect stitch pattern is achieved.
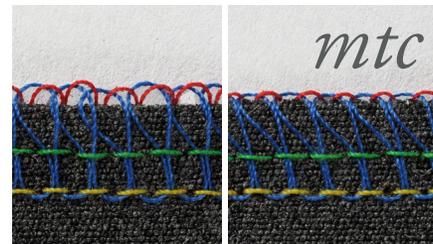
Thread tension
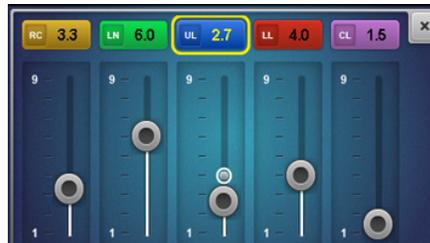
For each stitch, default values are programmed. These recommendations provide good results for most applications.
> To adjust the thread tension, select the range of thread tension.
> Use the slider control or the «+» / «-» fine adjustment buttons to adjust the thread tension for each thread path.

mtc micro thread control

By default mtc micro thread control is always set to position «0».
mtc micro thread control affects the amount of looper threads around the fabric edge and can be adjusted continuously during sewing.
> To enlarge the loops of the thread at the fabric edge, turn the mtc micro thread control clockwise (+).
> To minimize the loops of the thread at the fabric edge, turn the mtc micro thread control counterclockwise (-).
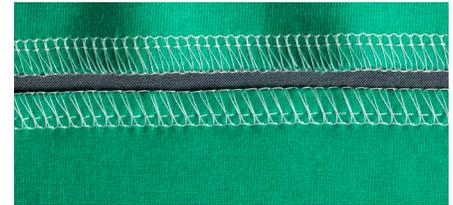
Optimizing the stitch

Differential feed

The two feed dogs can be geared to each other so that the fabric is fed evenly while sewing and that neither wavering nor unintended gathering occurs.
The differential feed is variable while sewing.
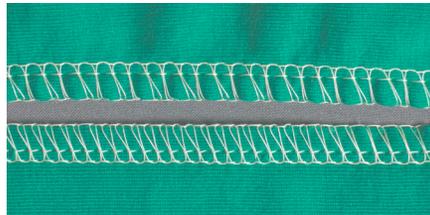
Default value
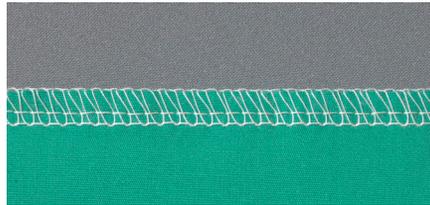
The differential feed in default setting 1 for flat and even seams.
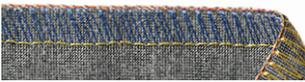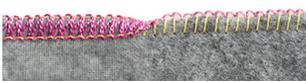
Stretching

To prevent seam puckering, reduce differential feed to a value between 0,7 and 1.

Gather to fit

To prevent waving increase differential feed to a value between 1 and 2.

Gathering

To gather intentionally, increase differential feed to a value between 1.5 and 2.
An elongated stitch length enhances the gathering effect.

Overlock stitches

1	4-Thread Overlock with Integrated Safety Seam	
2	3-Thread Super Stretch	
3	3-Thread Overlock Wide (LN)	
4	3-Thread Overlock Narrow (RN)	
5	3-Thread Flatlock Wide (LN)	
6	3-Thread Flatlock Narrow (RN)	
7	3-Thread Narrow Seam	
8	3-Thread Rolled Hem	
9	2-Thread Wrapped Overlock Wide (LN)	
10	2-Thread Wrapped Overlock Narrow (RN)	
11	2-Thread Flatlock Wide (LN)	
12	2-Thread Flatlock Narrow (RN)	
13	2-Thread Rolled Hem	
14	2-Thread Overlock Wide (LN)	
15	2-Thread Overlock Narrow (RN)	
28	2-Thread Blanketstitch Wide (LN)	
29	2-Thread Blanketstitch Narrow (RN)	
30	3-Thread Picotstitch	

Chainstitch

16	2-Thread Chainstitch (RC)	

Coverstitches

21	4-Thread Coverstitch	
22	3-Thread Coverstitch Wide (LC-RC)	
23	3-Thread Coverstitch Narrow (LC-CC)	
24	3-Thread Coverstitch Narrow (CC-RC)	
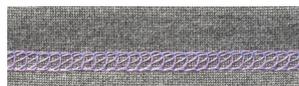
Combostitches

17	3-Thread Overlock (LN) + Chainstitch (RC)	
18	3-Thread Overlock (RN) + Chainstitch (RC)	
19	2-Thread Overlock (LN) + Chainstitch (RC)	
20	2-Thread Overlock (RN) + Chainstitch (RC)	