

SWF Embroidery machine settings.

SWF recommended settings for embroidery machines

Most embroidery machines have settings that will add or remove stitches from the DST stitch file used to create the Coloreel CSE file. This recommendation intends to create a uniform stitch counting in the ITCU compared to the stitch counting at the embroidery machine to increase the Color Change Precision (CCP) accuracy.

If needed, finetune the ITCU CCP settings to achieve as much compliance in stitch count as possible.

SWF embroidery machine settings		
Menu position	Setting name	Recommended setting
Settings – Design	Design Filtering	Off, or smallest available value. (0.0 mm)
Settings – Backstitch	Auto back stitch	0
Settings – Jump	Jump stitch to create trim	3
Settings – Backtack	Backtack	Both
	Backtack length	1.2 mm
	EndBacktack holding motion	Yes

Coloreel ITCU CCP settings	
Setting name	Recommended CCP settings
Data Collection Method	Aggregated Sample Data
Jump convert	3
Tie ins	3
Tie offs	2
Thread break ties	0
Tie stitch length	0.5
Advanced mode	
Remove DST stitches without any length.	ON
Trim sync active	OFF
Stitch Data Input, SDI <i>(Choose the correct setting depending on the type of stitch count sensor)</i>	- Head-mounted sensor - Axis-mounted sensor - Embroidery machine Serial Interface, EMSI
Display internal stitch count	OFF <i>(set to On for specific machines only)</i>
Additional main shaft rotations during trim	1
Additional main shaft rotation during color change	2
Main shaft rotates during jump stitches	ON