

# General recommended machine settings - ITCU CCP Settings.

*Coloreel recommended settings for embroidery machines.*

In most embroidery machines, some settings will add or remove stitches compared to the DST stitch file delivered with the Coloreel CSE file. The aim is to create a uniform stitch counting in the ITCU compared to the stitch counting at the embroidery machine.

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

General embroidery machine settings	
Setting function	Recommended setting
Any stitch filtering that will remove stitches from the DST stitch file, e.g., Short stitch filtering	<b>Set to OFF</b>
Setting that will split long stitches, causing the embroidery machine to insert extra (jump-) stitches.	<b>Set to OFF, or to the maximum stitch length value.</b>
Automatic back-up after thread breaks	<b>Off</b>
Any other embroidery machine setting that will affect the stitch count to be different from the DST stitch file	<b>Off</b>

Default Coloreel ITCU CCP settings	
Setting name	Recommended CCP settings
Data Collection Method	<b>Aggregated Sample Data</b>
Jump convert	<b>3</b>
Tie ins	<b>4</b>
Tie offs	<b>2</b>
Thread break ties	<b>0</b>
Tie stitch length	<b>0.5</b>
Advanced mode	
Remove DST stitches without any length.	<b>ON</b>
Trim sync active	<b>OFF</b>
Stitch Data Input, SDI <i>(Choose the correct setting depending on type of stitch count sensor)</i>	- Head mounted sensor <b>- Axis mounted sensor</b> - Embroidery machine Serial Interface, EMSI
Display internal stitch count	<b>OFF</b> <i>(set to On for specific machines only)</i>
Additional main shaft rotations during trim	<b>1</b>
Additional main shaft rotation during color change	<b>2</b>
Main shaft rotates during jump stitches	<b>ON</b>