COLOREEL

Unlock your potential

Digital embroidery 4.0

A world of **Potential**
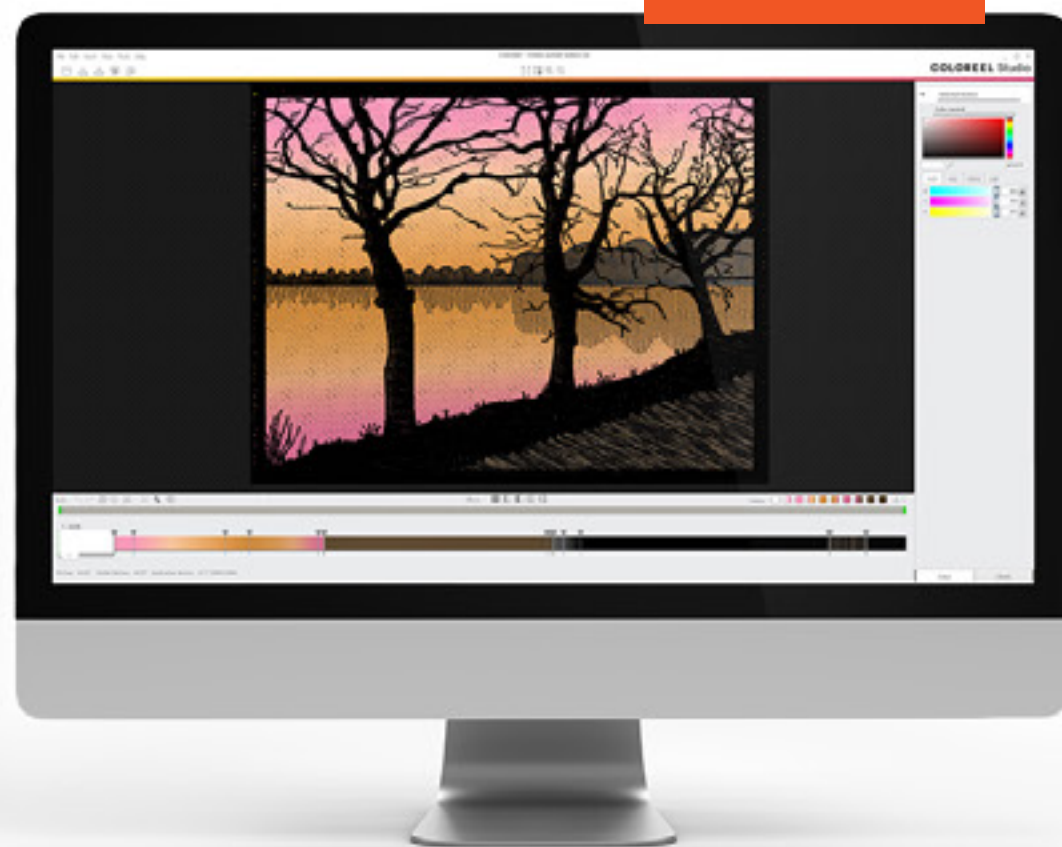Upgrade your embroidery business

Content:

About Us

Coloreel is a Swedish textile innovation brand with a groundbreaking technology for embroidery that enables high-quality coloring of textile thread on demand, unlocking a world of potential. We use our technology to both preserve the craftsmanship of embroidery and take embroidery to the next level.

Coloreel Studio software

Instant thread coloring unit (ITCU)

Consumables

Design & digitizing support

Service & support
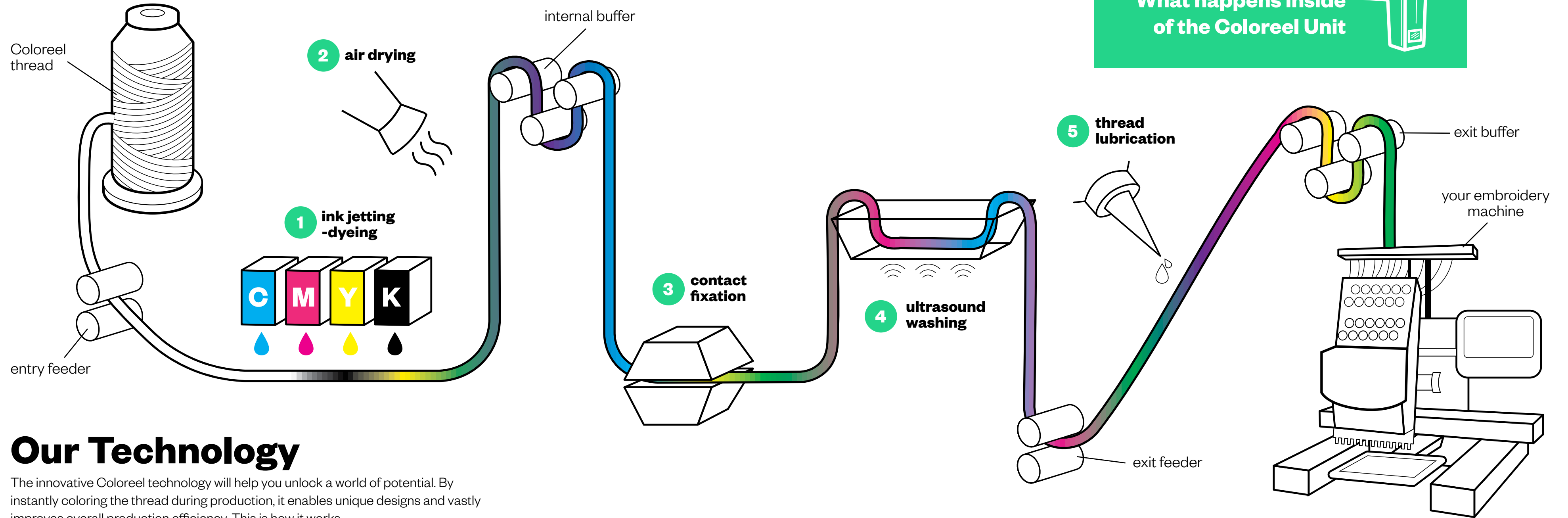
What happens inside of the Coloreel Unit

Coloreel thread

entry feeder

2 air drying

internal buffer

1 ink jetting -dyeing

C M Y K

3 contact fixation

4 ultrasound washing

5 thread lubrication

exit buffer

your embroidery machine

exit feeder

Our Technology

The innovative Coloreel technology will help you unlock a world of potential. By instantly coloring the thread during production, it enables unique designs and vastly improves overall production efficiency. This is how it works.

Customer Benefits

Maximum creativity

Unlimited colors, use on any material, unique effects such as gradients, noise or striped patterns.

Efficient workflow

Faster, better and more cost efficient by avoiding unecessary trims, cuts and scrapp of obsolete thread stock.

Minimum impact

Eliminate thread waste, produce what you use, minimal use of chemicals and minimum wastewater.

Superior quality

A unique premium lock & feel with no lock stitches and smooth front and back.

Unlock Your **Potential**

The new generation of digitial embroidery equipment is finally here providing you with modern, more responsible and stunning decorations.
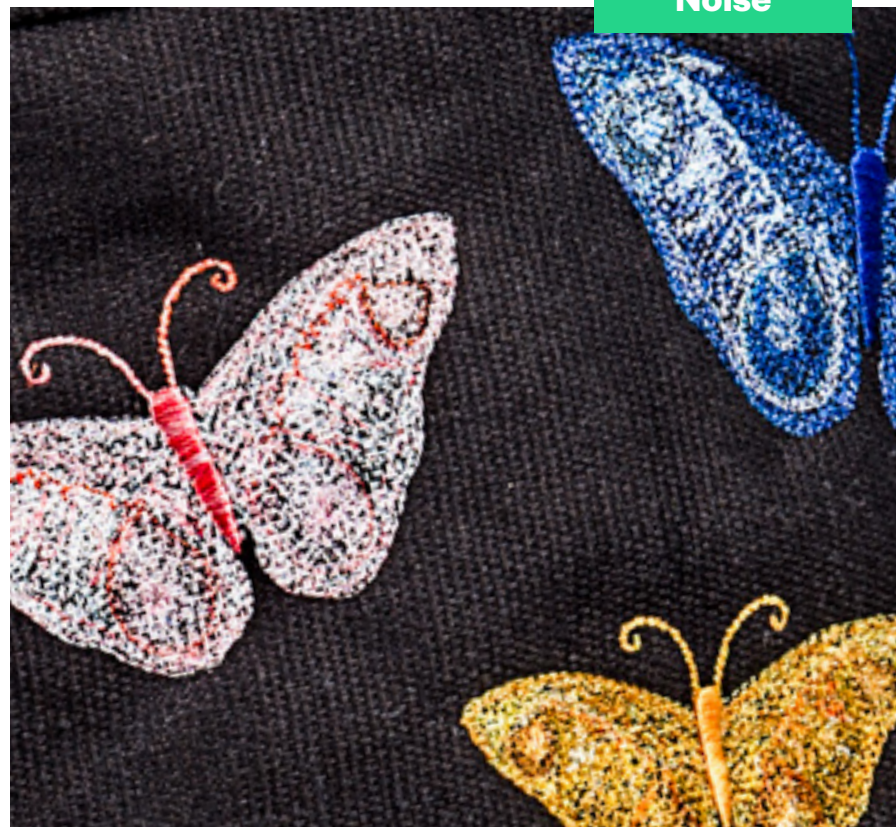
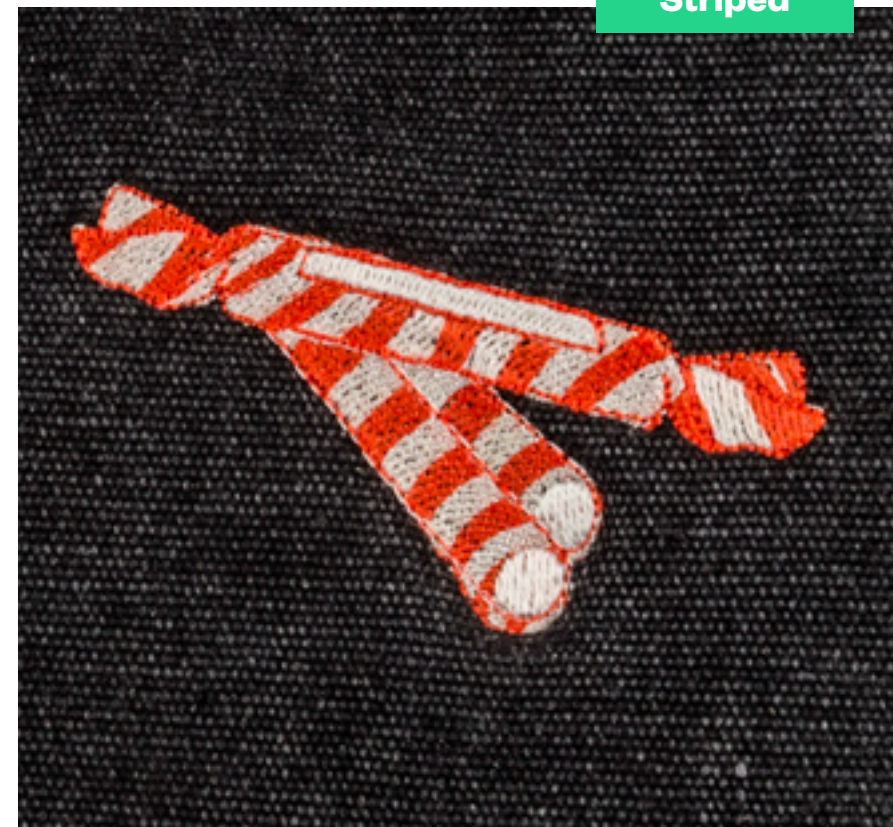# Add Coloreel unique shadings, gradients and texture

Gradients

Noise

Striped

Combinations

Color **Management**

Any color any time (CMYK technology), color picker & libraries
and color design matching support.

Embroidery Designs

2 321
stitches

0
trims

3
swatches

Fashion

You have a story to tell. Something unique and colorful aimed to change or strengthen the perception of your brand, your design or your product. With Coloreel you can tell that story freely and precisely, powered by an infinite color palette and your vivid imagination. This is creativity set free.
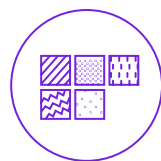
Artistic

Stunning designs. Create unique embroideries with multiple colors, gradients, texture and details. Convert your art into more sustainable artistic embroidery fashion details.
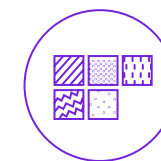
75 636 stitches

53 trims

32 swatches

Sports

With Coloreel you have tons of possibilities to create unique, multi-colored and high-quality sport details. The ability to alternate your design and logotype in endless colors and effects Creates room for batch production of personalized designs.

5 249 stitches
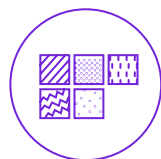
0 trims

3 swatches

23 587
stitches

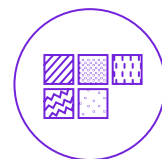**35**
trims

1
swatch

Workwear

With Coloreel technology you have the possibility to offer sustainable and durable workwear details. Adding special effects to the design can either personalize the design or give a modern touch and flair to names and logotypes.

7 974
stitches

0
trims

13
swatches

Corporate logotypes and badges

With Coloreel technology you have tons of possibilities to create unique, multi-colored and high-quality corporate logotypes and details. The ability to alternate your design and logotype in endless colors and effects creates room for small batches of individualized production of your logotypes and details.

Production Workflow
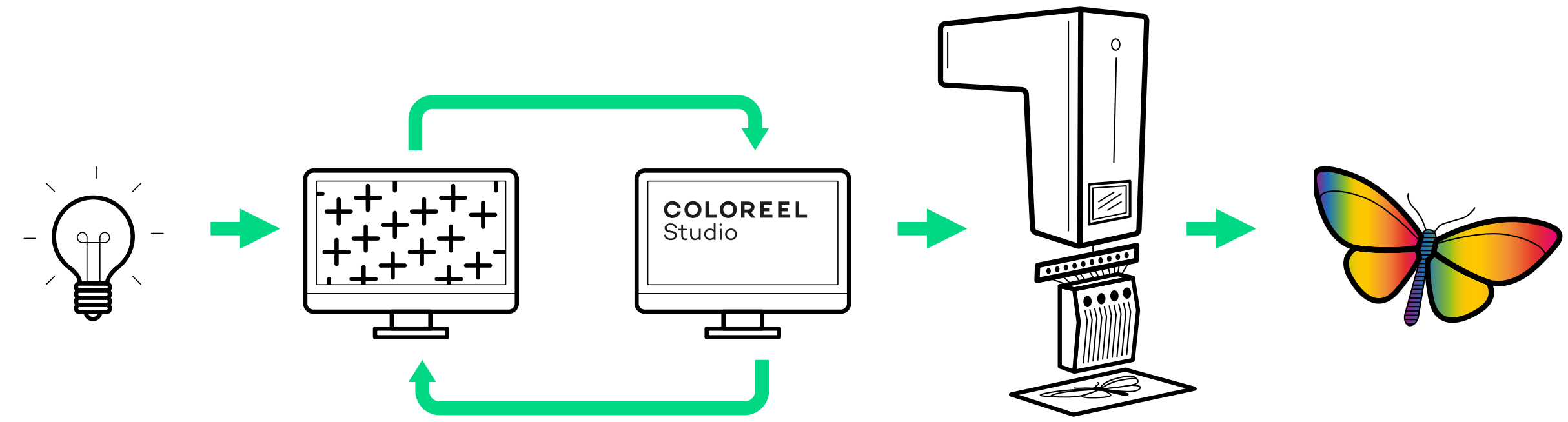
Design Idea

Thanks to our technology there are few design limits

Stitch Design

Use your favorite software for the stitch design

Color Design

Add the color design and effects in our free colorization sowftware

Embroidery Production

Use the color design file and your stitch design file to produce your #Coloreel embroidery

Final Product

Sustainable and stunning #Coloreel embroidery with the design freedom of DTG printing

Specifications

Dimensions and weight

Picture ref.	Millimeters	Inches
A	1265	49.8
B	1034	40.7
C	230	9.1
D	716	28.2
E	844	33.2
F	518	20.4
G	305	12
H	318	12.5

Weight	Kg	Lbs
Coloreel Unit	<64	<141

Freight dimensions	1163 x 934 x 399 mm	46 x 37 x 16 inches

Temperatures and performance ranges

Maximum thread coloring speed	200 mm/s	7.9 inch/s
Operation temperature	18-28 °C	64-82 °F
Operation Humidity (RH)	30 - 80 %	

Hardware information

Power supply	AC 100-240V ~ 5.5A 50/60Hz, Max 600w
Screen	10.1 inch Multi touch
Lighting	Front: RGB LED, Bottom: Adjustable White LED warm/cold
Stitch counter	Optical stitch sensor incl. cabling and bracket

Digital information

OS	Linux (Ubuntu core)
File transfer	USB, Ethernet

Unlock Your Potential

visit **www.coloreel.com**