



SPSI EXCLUSIVE

U.S. DISTRIBUTOR

EXPAND YOUR PRINTING CAPABILITIES

The new **VELOX** Direct-to-Film system features amazing speed with excellent print quality and capabilities. The **VELOX** brings a level of productivity and efficiency that will revolutionize highproduction shops. This break-through technology allows you to decorate a wider variety textiles without changing your processes.

No need for pre-treating, simply print, heat press the print, then cool-peel.

The **VELOX** has a dual print head design that lays down the colors in a blend of CMYK colors with the first printhead, and then lays down the perfect amount of white underbase on top of the colors in perfect alignment.



SPECIFICATIONS

- * Printer size; 70" wide x 32" depth x 64" high / 350 lbs / 120v 20A
- * Dryer size; 82" long x 43" wide x 42" high / 550 lbs / 220v 1Phz 40A
- * 3 print heads; Dual CMYK, 4 channels of white
- * Print head; Epson i3200, 3200 nozzles per head, 600npi,
- * 33mm print width
- * Print resolution; 720x600, 720x1200, 720x1800, 720x2400, 720x3600
- * Pass mode; 4,6,8,12
- * RIP software; Wasatch Softrip 8.0
- * Input file format; printer accepts .prn only, RIP accepts multiple formats
- * Film roll sizes; 24", 20", 16"
- * Print speeds up to 120 per hour (A4 image size)
- * Head strike sensors
- * Ink Configuration; 5-color: C, M, Y, K, W
- * Ethernet to PC connection
- * Environment; 65F to 85F, humidity should be between 35%-70% relative humidity (non condensing)

Excellent quality on a variety of substrates

- Produce high performance polyester prints with ease & softest hand
- Wasatch RIP is already profiled for color accuracy
- Simplistic workflow is easy to integrate
- Transfer powder is **OEKO-TEX** approved







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Heat Press Instructions

The heat press is what brings this entire process together. You will want to make sure the IR panel is heating accurately across the entire surface. Do this with a temp gun to find any cold spots.

Pneumatic heat presses are great with their digital pressure readout. Controlling the pressure used should be the user's responsibility. The harder the press the more press box you will get. You should go as firm as possible without leaving a press box. Then adjust your time and temperature accordingly for the best results. Listed below are settings we have found success with using our equipment. All heat presses are different, so you need to do proper wash testing that meets your quality control standards.

Heat Press Settings

100% Cotton & 50/50 blends

- * Δ 12-15 seconds @ 275-285°F cover with transfer sheet (silicone sheet or finishing paper)
- * ∆ cold peel
- * Δ cover press 7-9 seconds @ 275-285°F with cotton sheet or fabric for matte finish

100% Polyester

- * Δ 8 seconds @ 240°F with transfer sheet (silicone sheet or finishing paper)
- * Δ hot or cold peel

* Δ cover press 5 seconds @ 240°F with cotton sheet or fabric (unless you want glossy finish use finishing paper instead of cotton sheet)

Cover pressing with a sheet after the cold peel

Not all garments require a cover press after the cold peel. The cover press helps to finish the fuzing of the glue into the garment fibers and hold down any print edges that are lifted during the peel.

Using different cover sheets also provides different finishes to the print. Teflon will give the print a glossy finish along with more hand. A cotton sheet will help absorb moisture and give a softer hand.

Washing Instructions

For best results, please follow the washing instructions below. If you are working with a garment that shrinks excessively you may see the finished print "wrinkle." The garment may shrink but the ink will not, which creates wrinkles. This is all due to excessive heat in the washing process.

We advise not drying poly garments on high heat as the dyes continue to out gas and can discolor the print.

- Machine wash with cold water, normal wash cycle.
- Tumble dry low heat, normal dry cycle.