

ATPColor OneTex5M Textile

The OneTex5200 is the only textile printer in 5 meters width, equipped with a true heat calender, printing directly onto the fabric with inline fixation. Now the **OneTex5200 is also the first and only textile printer (in whatever format) tested under the rigorous requirements specified by ISO Standard 20690:2018 for Energy Efficiency.**

THE WIDEST TEXTILE PRINTER IN THE WORLD WITH INTEGRATED, INLINE FIXATION

The 5.3-meter grand-format textile printers are challenging to build and require other equipment for finishing. That's why there are so few options in the market. We at ATPColor decided to create a new system that changes the paradigm of grand-format textile printing.

There are many challenges to focus on when printing super-wide. We've developed a new workflow to keep these obstacles to a minimum.

1. Inline Fixation

5-meter offline fixation has several challenges, from handling 5 meter materials (loading and unloading both the printer AND the calender) in addition to loading 5-meter protective tissue paper to production inefficiencies of a twostep process. Additionally, with today's very quick turn-around for jobs, printing and removing a job from the press as it's completed can help in the "quick turn" nature of today's business.

2. Media Width Flexibility

Many companies will gang multiple images up on a 5-meter roll and cut them after printing. The DFP2000 features the ability to simultaneously print on two different width rolls, allowing the customer to print a 1-meter wide roll next to a 2.6-meter width roll. This gives the customer the ability to maximize the entire system when not needing 5-meter output and the flexibility of multiple rolls.

3. Media Loading

Media loading can be quite costly in many grand-format inline textile systems. The DFP2000 has an integrated ultrasonic automatic sewing system to attach new rolls, significantly reducing waste as there is no need to completely web the system on roll change-outs.

4. Fabric Tension Adjustments

Textile, compared to paper or vinyl, has some unique challenges inherent to its structure. Many times, different fabrics can perform very differently in a printer when printing direct. The DFP2000 features several ways to adjust the fabric tension so the system prints consistently and reliably regardless of the type of fabric, such as a woven backlit, knit poplin, soft-knit, heavy-knit, etc.

5. Patented Inline Calender

The DFP2000 features an extremely sophisticated heating drum integrated into the printer; a first of its kind. The patented heating drum is designed for consistent and repeatable fixation, print after print.

6. User Friendly Design

Ease of use is another strength of the DFP2000. The system has been designed with the operator in mind, with simple maintenance procedures and easy-to-access panels for any electronic maintenance.