

## **ATPColor OnPaper1900**

### MEDIUM SIZE SUBLIMATION PRINTER – DYE SUBLIMATION PRINTER

The ATPColor OnPaper1900 platform offers a sublimation paper printer based on the superfast and high-resolution technology of the Kyocera head.

### FAST AND ACCURATE – DYE SUBLIMATION PRINTER

It is possible to print only at the speed at which the ink can dry according to the different inks, which are generally very high in the sportswear sector. That's why the Karta 190 series uses advanced technology with multiple drying elements for quick drying. It heats up before printing, to heat the material and facilitate drying, it heats up during printing and finally after printing. Subsequently, the sublimation paper passes into a drying oven, which reaches a temperature of up to 80 °.

This drying process allows the ink to dry when the substrate reaches the rewind roll, even when printing at maximum speed and with high inks.

### PRINTING TECHNOLOGY

State-of-the-art Kyocera printheads with a native drop size of 5 pL result in high-speed grayscale printing on fabric. These heads offer the fastest sublimation printing and the smallest drop size in the digital textile printing industry.

The OnPaper 1900 series can be configured with 2 or 4 heads per channel and can be updated by the customer when ready to increase speed. Equipped with the 4-head configuration, the ATPColor Karta 190 series has twice the speed of many of the most popular sublimation printers on the market today.

### SUPER LIGHT PAPER

Thanks to the perfect sublimation paper management system it is possible to print even at maximum speed, single pass, the very light sublimation paper, 18gr /m2; Few printers on the market can do the same;

### Karta 1.1 INK

Get a bright color gamut with super-rich blacks and an excellent grayscale. Water-based inks pass all OEKO-TEX® Standard 100 certifications. They are manufactured in an ISO 9001 facility with rigorous quality control and offer the industry's lowest cost per print for a dye sublimation printer for industrial dyes.

### VARIABLE DROP PRINT

OnPaper series printers use Kyocera variable drip heads. Using only 4 colors, the precision of the Kyocera printheads offers fine and detailed text and superior image quality, especially in gradients and halftones.

EASY JUMBO, JUMBO ROLL SYSTEM INCLUDED: FRONT AND BACK

A fast printer requires management with paper on Jumbo; otherwise, you have to change the roll every hour. OnPaper 1900 was born already with a Jumbo Roll management system:

Rear: Maximum diameter 730mm for 450 kg of weight;

Front: Maximum diameter 600mm for 450 kg of weight;

LOADING AND UNLOADING OF JUMBO ROLLS

The integrated Jumbo Roll system greatly facilitates material loading and unloading procedures. Jumbo Rolls can be easily managed even by a single person;

MAXIMUM PRINTING WIDTH 190cm

The OnPaper 1900 expands the printing possibilities with a 180cm print light;

INTELLIGENT SCREENING

The sophisticated management system of printing steps with the shaded screen, when you decide the overlap, how many mm and which screen to use, in many printers, including industrial ones, there is no flexibility in managing sophisticated overlay screens such as the Karta Mk2;

NOZZLE RECOVERY

Head management, if one head has non-recoverable nozzles, you can identify them, and the head itself replaces them in subsequent passes; This makes the useful life of the heads much longer;

THE RIP MANAGEMENT COMPUTER IS INCLUDED

Powerful Dell PC and Monitor included and perfectly integrated with the printer.

CAPPING STATION

Capping Station and Wiping Station dedicated to every single head.

VACUUM PLATE

Vacuum print bed with different suction levels to suit the dye-sub paper in use.

## **Technical specifications**

INK Type:	water based sublimation
INKS Capacity:	2.5/5/10 liters of ink supply in series
INK Colors:	4 Colors: CMYK; 6 colors or 8 colors;
SUPPORT Width:	74 "(1,8mt)
PRINTING TECHNOLOGY:	Kyocera
PRINT SPEED:	150mq/h in two pass mode;
HEADS:	2, 3 or 4; Upgradeable at the customer
PRINT RESOLUTION:	600x300; 600x600; 600x900dpi up to 2400x2400
DIMENSION - CM:	(LxPxA): 430x180x190 cm
WEIGHT:	1200 Kg
AMBIENT TEMPERATURE:	20-25 ° C
RELATIVE HUMIDITY:	40-80% (without condensation)