

**ON
PAPER**

THE BENCHMARK OF PRODUCTIVITY

No industry is as demanding of textile printers as the sports sector. OnPaper printers meet that demand head on.

ATPCOLOR OnPaper Family Pro8



LESS ENERGY



LIGHTER PAPER



MORE ECOLOGICAL

FAST, SMUDGE-FREE INK DRYING

We have developed a heating system that ensures perfectly dried inks even at maximum speed. Even with high resolution and saturated colors.

SPEED, PRECISION, INDUSTRIAL BUILD

Kyocera print heads have become the gold standard for single pass industrial printing due to their speed, extremely small droplet size and reliability.

ALWAYS CLEAN PRINT HEADS

When it comes to maintaining expensive printheads, keeping them clean is essential. That's why each head on an ATP printer has a dedicated capping and wiping station.

RICH COLORS, CERTIFIED, ECONOMICAL

Super Rich Colors : These are OEKO-TEX Standard 100 certified water-based inks. They have the lowest cost per print in the industry for an industrial dye sublimation printer.

SUPERB MEDIA HANDLING

The printing surface has different levels of vacuum suction, so it adapts perfectly to the weight of the sublimation paper.

PRECISE DETAIL, RICH SOLIDS AND SMOOTH GRADIENTS

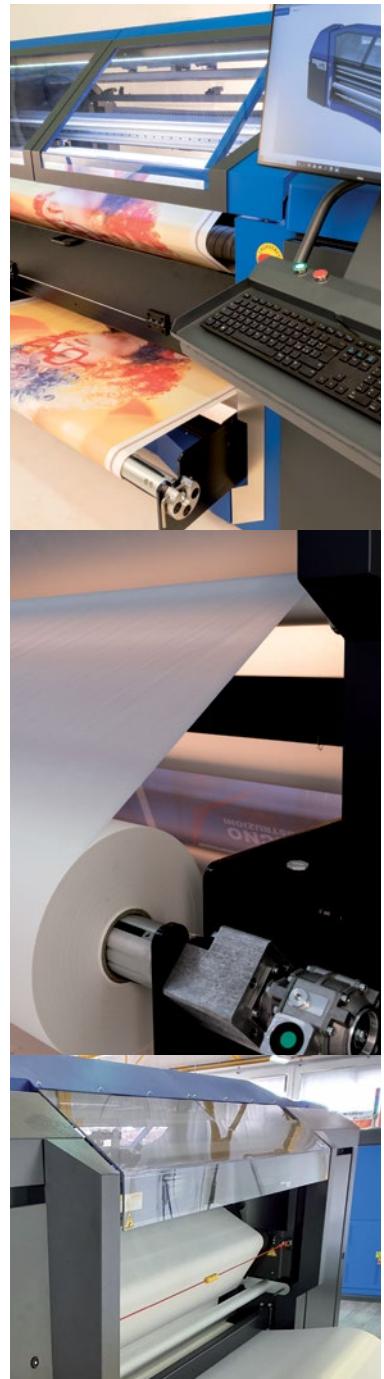
Kyocera variable drop heads print fine, detailed text using only four colors. The image quality is remarkable and is especially seen on gradients and midtones. To limit the effect of overlap between passes, decide with total flexibility the type of screen and the size of the gradient.

LIGHTWEIGHT SUBLIMATION PAPER

Thanks to the precise material handling system, users can print at maximum speed, single pass, on very light sublimation paper.

JUMBO ROLL SYSTEM INCLUDED

Avoid frequent roll changes on this high speed printer with its jumbo roll system. It is designed for efficiency, allowing a single person to load and unload rolls up to 23 inches in diameter unassisted.





TECHNICAL SPECIFICATIONS*

Print Widths	OnPaper 1900 Pro8: 74 inches OnPaper 3300 Pro8: 129 inches
Print Heads	Kyocera 4 pL variable drop
Head Configurations	2, 3, 4, 6, or 8 heads
Number of Colors	4, 6, or 8 colors
Print Speed One Pass Sharp	OnPaper 1900 Pro8 up to 290 sqm/h - 3121 sqf/h OnPaper 3300 Pro8 up to 389 sqm/h - 4187 sqf/h
Ink	Water-based sublimation
Resolution	Up to 2400 x 2400 dpi
RIP Software	Caldera, Ergosoft, Onyx, Colorgate, Inédit
Ink Capacity	3-liter tanks
Maximum Roll Weight	992 lbs
Maximum Roll Diameter	24 inches
Dimensions (OnPaper 3300)	216" x 72" x 72"
Weight (OnPaper 3300)	3750 lbs
Environmental Requirements	Temperature: 68° - 77° F Humidity: 40% - 80% non-condensing
Electric Usage (OnPaper 3300)	3 Kw

* Specifications are subject to change without notice.

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Scan Motor	Linear Motor	Very low fluctuation and vibration of the carriage
Scan Encoder	Magnetic	High precision position (10^-6 m) and faster feedback
Feed motor	Quadrupolar Step w/o encoder	High movement accuracy with better ramp de/acceleration
Feed command	Direct	Linear coordinate managed by the controller board
Carriage	8 color or double 4 (8 Heads)	Up to 8 color with parametric deposition order and variation between passes
Carriage	Easy configuration for other Print Heads	Extreme flexibility for new needs, performance
Ink Pressure sensor	8 (one for each ink channel)	Accurate Negative Pressure adj per each ink channel
Subtank	8 (new type)	Better air separation, no bubble design, higher ink quantity per each channel
Supply pumps	8	Faster reset of necessary subtank level
Degass	8	
Heads position Adj on the carriage	Micro Mechanical Adj frame + SW	Accurate micrometrical position screws for slant and bias head position
Ink Valves (servo)	16 PWM	Ultra-low power valves control with theoretical 0 delta temperature
MCU architecture	Multi MCUs with independent tasks	Each sub device is with an independent task.
Jumbo roll feeder	Adaptive speed	Each module could be installed as separated option
Control software	All in one	Self-speed adjustment with automatic calibration
Network communication	10GGbps	Easier configuration and use
Data Buffer	Double	No Delay between passes
Internal logs	Advanced report extractor	No Delay between passes
Industry 4.0	Integrated	Is also possible to config excel files extractor, production charts, warning emails, ink lot verification
Eletctrical connection	Very low of internal connection	Industry 4.0 implemented