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Printing Method	Direct Inkjet to Textile Garment Printing
Ink Type	Pigmented, waterbased inks, optimized for Aeoon Kyo Series Sublimation, waterbased inks
Print Heads	Kyocera KJ4B print heads: <ul style="list-style-type: none"> · Piezoelectric drop on demand inkjet heads · 4-12 colors with 2-12 print heads · 2558 nozzles per print head · 600 dpi native resolution · 4 drop sizes · Fire frequency up to 40 Khz
Pallet Sizes	<ul style="list-style-type: none"> · 25 x 35 cm with up to 3 tables · 30 x 40 cm with up to 3 tables · 40 x 50 cm with up to 3 tables · 50 x 70 cm with up to 3 tables · 55 x 92 cm with up to 3 tables · Up to 92 x 98 cm with 2 tables · Up to 92 x 200 cm with 1 table · Optionally up to 250 x 400 cm print format · Optionally Pallets for arm, bags, trousers and customized Pallets available · Optionally tables with vacuum option
Colors	CMYK pigment for cotton and mixed fiber garments CMYK sublimation for polyester garments and transfer paper Up to 8 white heads for superior speed on dark garments Additional spot colors are available
Printable Materials	Cotton, bright Polyester, Viscose and more Special materials optional Tests recommended specific to the application/material (available upon request)
Operating System	Linux, RIP Software Windows 7
Image Format	Most common image formats are supported
Throughput (Shirts/Hour)	Light Garments: 800 T-Shirts/Hour* Dark Garments: 400 T-Shirts/Hour* *Based on A4 print size/depends on resolution, quality mode, image size, number of print heads
Interface	Network, USB Stick, CD
Power Requirements	Electrical Supply: 400/208 VAC, 50/60 Hz, 3 Ph, 16A
Recommended Add-On	Aeoon Designer RIP Software with automatic white underbase generation
Environmental Conditions	Temperature: 20°- 28°C / Humidity: 50% - 70% non-condensing
Dimensions/Weight	4,1m x 2,9m x 2,0m, 2.000 kg





• The DTG printer that fits your business

We know that your company is unique, and therefore you have different requirements to our printers. That's why we decided to design our machine modularly. With a whole range of add-ons such as our order management systems, third table axes or upgrade kits, our machines can be customized precisely to adapt to your needs. Our experienced staff is going work out the best solution to solve the challenges your company is facing. With our personalized support and our in-depth advices we accompany your Digital DTG projects from the initial idea to the start of the production.



• The printing process

Our Aeoon RIP Software prepares all files for printing, generates white under-bases and automatically synchronizes the printable files with the machine. To print on light garments, you simply load the textile on the pallet. With our state of the art software you choose the design you want to print on the included touchscreen. It is possible to print white on dark garments as well. The pretreatment-solution can be either applied manually or with our Aeoon Pretreatment-Station. During the printing process, the white underbase is applied and the colors are printed on top of it. Afterwards the textiles need to be cured in a dryer.



• Adaptable Solution as your business grows

Equipped with our Aeoon Kyo Series, it is easy to expand and adapt to growing productions needs. By adding the optional upgrade preparation kit to our machine, we already add the ink system and electronics for up to twelve print heads.

Therefore, you can begin with less print heads and add them as production increases at a lower cost. Our Aeoon Kyo Series is available with four to twelve Kyocera KJ4B print heads.



• Aeoon Inks

The aeoon textile ink was developed exclusively for the use in the Aeoon KYO Printer Series. The ink is optimized to perform reliably during industrial scale textile production and fulfills highest quality demands in terms of fastness, color brightness and washability.

Pigment and sublimation colors are available. We offer CMYK and white as well as additional spot colors. Our inks are water-based and meet the highest environmental standards.

Our ink is priced at a level that makes it competitive for textile mass productions and enables the maximum of printing speed.



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• Support and Warranty

Aeoon Technologies has a service team which performs all service and maintenance tasks. We also work together with partners and resellers all over the world to solve all technical problems fast and reliably.

Since many problems do not require a technician at the location, we have an inhouse service and support team in Austria which is available to help our customers via E-Mail: support@aeoon.com, Skype or phone.

On our machines we offer a 1 year warranty. For the Kyocera KJ4B print heads we forward the warranty of Kyocera.

