

Kyo Hybrid Series

For demand-oriented textile printing

The Kyo Hybrid Series is the first true combination of a screen printer and digital textile printer which combines the advantages of both. It is the ideal machine for companies with a high-volume production need and offers a unique set of production flexibility. The Kyo Hybrid Series can print on complex fabrics with or without pretreatment and can be used in three different production modes. In addition to standalone DTG printing or screen printing, a combination of both printing processes can also be easily integrated. This combination achieves significant savings in the consumption of white ink, while delivering a premium. Our innovative KyoToScreen concept enables the most efficient workflow for the combination of screen-printing and DTG printing. Easy and precise screen positioning along with our one-step screen preparation guarantees a seamless integration of both print techniques.

With the Kyo Hybrid Series, you can cater to individual print jobs or long runs and offer the best of both worlds of digital and screen on a single printer. This Hybrid solution handles the registration issues with other Hybrid add on solutions effortlessly.

Further benefits are its integrated API interface, the possibility to print with or without pre-treatment as well as on complex fabrics and that it is cost saving due to a low consumption of white ink. Furthermore, it provides screen printing and digital printing at the same time, an App for screen setting and KTS – KyoToScreen. Screen adjustment up to 0.001 mm is possible. As it is user-friendly you can save and recall screen printing settings easily via our in-house app. It provides industrial print heads with a print resolution from 600 dpi up to 2400 dpi and finally also independent printing stations.

The Kyo Hybrid Series is available as Kyo Hybrid 4, Kyo Hybrid 8 & Kyo Hybrid 12 with 2 or 3 printing stations. The Kyo Hybrid Series is in a class of its own. Place the screen on the machine interface, or with our app on a tablet or phone. All settings can be saved and retrieved at any time. With the ADT - aeoon Dry Technology – built into the Kyo Hybrid, you can instantly dry your freshly printed design using less energy than traditional IP systems. Customization of bulk orders in combination with low costs is another great opportunity.



Technical specifications

Industrial print heads	8	12	Dimension (l x w x h)	410 x 350 x 200 cm; ~161 x 13 x 78 in
Printing stations	2	3	Weight	2600 kg; 5732 lb
Ink channel	Double CMYK or Double CMYK 4W HL*		Electrical supply	400/208 VAC, 50/60 Hz, 3 Ph, 16 A - max. power input: 7.5 kVA
Max. DTG printing size Max. screenprinting size	50 x 70 cm; ~20 x 28 in 40 x 50 cm; ~16 x 20 in		Compressed air supply	7 bar - Quality Class 5
Printable materials	Cotton, synthetics, mixed fibers, canvas, wood, leather and more		Environmental conditions depending on the used ink	Temperature: 22-28 °C Humidity: 65-90 %

* Highlight