

10
Great Years

aeoon celebrates
2011 - 2021



Kyo Hybrid Series

Industrial digital textile printing solutions



we are aeoon

All employees, partners and customers are part of the aeoon family.



Everything from one single source

We are your professional contact for solutions in the digital textile printing sector.



made in austria

All of our printers are manufactured with care, dedication and precision in Austria.

Kyo Hybrid Series

For demand-oriented textile printing

The Kyo Hybrid Series is the first true combination of a screen printing and digital textile printing which combines the advantages of both. It is the ideal printer for companies with a high volume production needs 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 guarantee 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.



Benefits

- Screen printing and digital printing at the same time
- KTS – KyoToScreen
- App for screen setting
- Screen adjustment up to 0.001 mm possible
- Save and recall screen printing settings easily via our in-house app
- Industrial print heads with a print resolution from 600 dpi up to 2400 dpi
- Integrated OPC-UA interface
- Printing with or without pre-treatment
- Printing on complex fabrics possible
- Independent printing stations
- Cost saving due to low consumption of white ink

Kyo Hybrid customer's Success Story

We have purchased multiple DTG from aeoon for our factories around India. The last we opted for was their Hybrid model to produce bulk orders with even lower printing costs. We are delighted to have achieved that while maintaining the high-resolution print quality and ink ecological certifications, which is essential for our end-customers.

Charles Arapudaswamy, Senior Technical Manager, Arvind Mills Ltd, IND

Technical Specifications

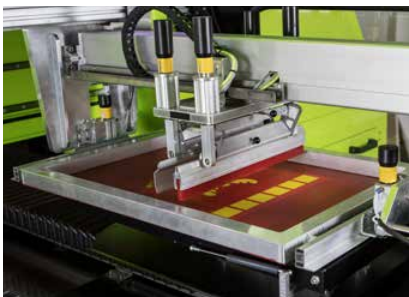
Screen printing unit
with intermediate dryer

Print heads with a native
resolution of 600 dpi

KTS
KyoToScreen

Ink storage area

Front view



NIR Dryer



KTS Pallet

Output¹ 12/3:

up to 180 pieces/h
Printing size: 40x20 cm; ~16x8 in

Model:

8/2 or 8/3 with 8 print heads
12/2 or 12/3 with 12 print heads

Printing stations:

2 or 3

Configurations:

Double CMYK; CMYK+4W+HL²

Max. printing size:

with 3 print stations – with frame
40x50 cm; ~16x20 in

with 3 print stations – frameless
50x70 cm; ~20x28 in

Max. screen printing size:

40x50 cm; ~16x20 in

Printable material:

Cotton, synthetics, mixed fibers,
canvas, wood, leather and more

Dimension (l x b x h):

410 x 350 x 200 cm;
~161 x 138 x 79 in

Weight:

2600 kg; 5732 lb

Electrical supply:

400/208 VAC, 50/60 Hz, 3 Ph,
16 A - max. power input: 7.5 kVA

Compressed air supply:

7 bar - Quality Class 5

Environmental conditions:

depending on the used ink

Temperature: 22-28 °C

Humidity: 65-90 %

¹ Depending on the performance of the operator, on the material and design and on dark/coloured garment.

aeoon distribution network

made in austria – supported worldwide



Where to find us:

aeoon technologies gmbh

Amerling 133
6233 Kramsach – Austria

Phone: +43 5337 63207
E-Mail: office@aeoon.com

aeoon North America

3585 N 124th Street
Brookfield WI 53005 – USA

Phone: +1 (262) 527-4030
E-Mail: salesus@aeoon.com

Please send orders and price inquiries to: sales@aeoon.com