aeoon DTG printers

aeoon DTG printers offer superior quality and photorealistic DTG prints at the highest printing speed. We are proud to work with a versatile and efficient team that is flexible and strongly focused on meeting our customer´s individual requirements.

Our goal is to offer the most innovative machine designs with unmatched durability that enable our customers to produce the best DTG prints available for their customers. Our customers profitability and success are paramount to aeoon.

Open up new opportunities with DTG printing solutions.

We build long-lasting printers and life-long partnerships!
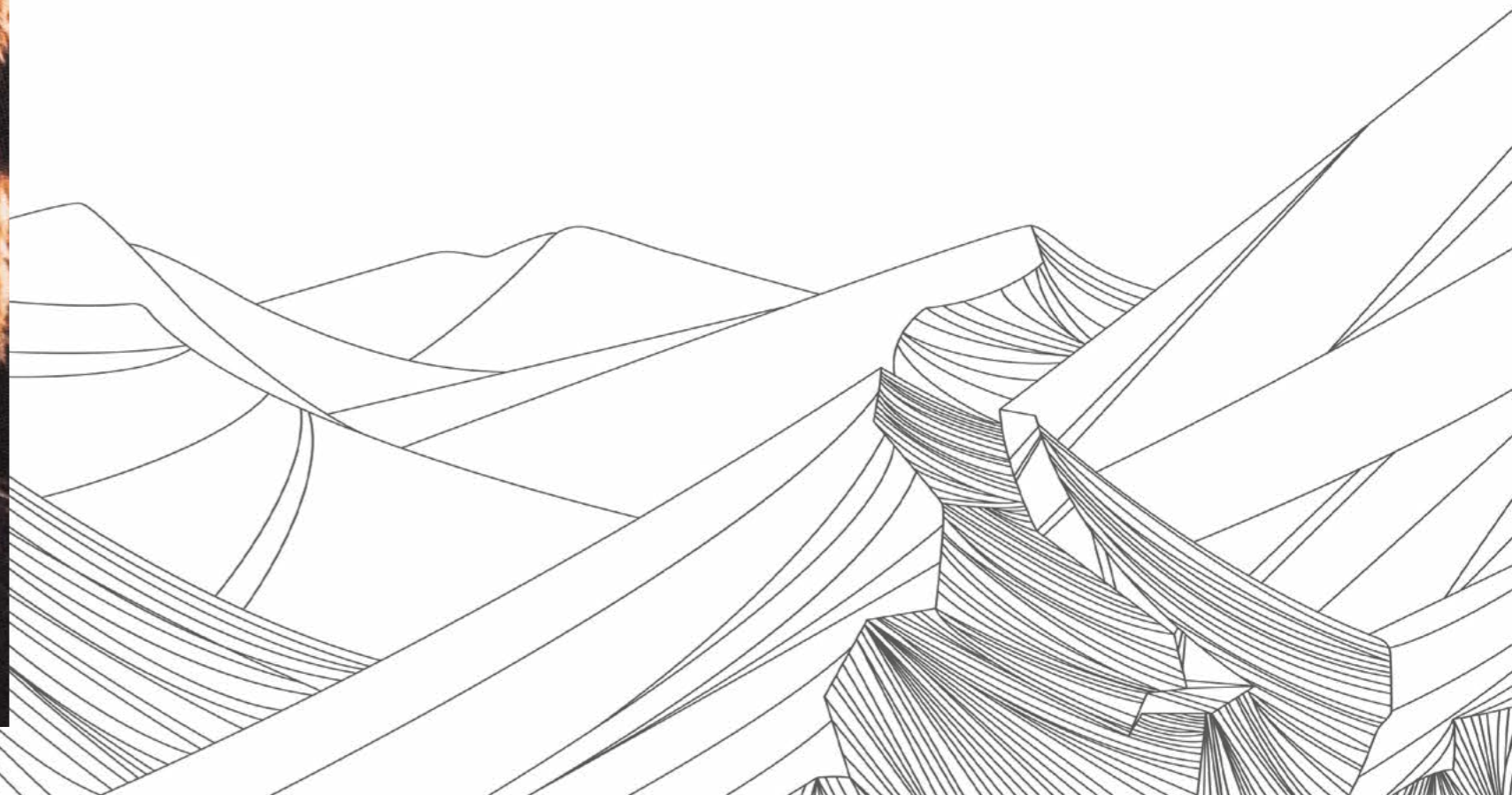
aeoon end-to-end DTG solutions

Outstanding print quality
- Print photorealistic pictures, gradients, thin lines
- Excellent hand feel of the print
- GOTS approved and OEKO-Tex® certified inks and fluids

Technical & Support
- On-site, remote and digital support
- Minimise operating and maintenance costs
- Prevent faults and system failures

All-in-one solutions for DTG
- Many years of experience in DTG industry
- Reliable partner and dealer network
- Smart end-to-end solutions for digital textile printing

Ready to automate
- Integrated OPC-UA and REST interface
- POD-Fulfillment – using any online marketplace platform including Shopify®, WooCommerce, Etsy, Amazon, and more.

Offline Pretreatment
- Creating an efficient workflow
- No corrosion and rust inside the printer
- Automatic fluid change

Made in Austria
- High quality industrial DTG equipment
- Customized solutions
- Local and regional supplier network

Industrial Entry Level Model
Maikuro

65

150

Medium to High Volume Business Models
Compact and Compact PLUS

Output up to
PIECES*
PER HOUR
on dark garment

180

High Volume Business Models
Kyo, Kyo PLUS, Kyo Link and Hybrid

* Depending on the performance of the operator, the material and design and on dark/colored garment. Printing size: Din A4 (Maikuro), 40 x 20 cm / ~16 x 8 in (Compact, Compact PLUS, Kyo, Kyo PLUS, Kyo Link, Hybrid)

For demand-oriented textile printing

Hybrid Series

- **Combination is key –** The Hybrid combines the advantages of screen printing and DTG printing in one machine.

- **Printing on complex fabrics –** Customers can print on complex fabrics, with or without pre-treatment. The combination of DTG and screen printing saves white ink, while delivering a premium product.

- **The best of both worlds –** This machine can do both: Individual print jobs and long runs. It offers customers the best of both DTG and screen printing. This Hybrid solution handles registration issues with other Hybrid add on solutions effortlessly before applying the DTG ink.

- **ADT – aeoon Dry Technologies –** you will instantly dry your freshly printed screen design textile friendly by using less energy.

- **KTS – KyoToScreen –** Print directly on the screen! No film needed, saves space – requires only a small dark room, requires only a small UV chamber.

- **Endless possibilities –** There are countless forms of application and special effects that can be used on our Hybrid model to make your designs even more unique and exciting. Some of the possibilities are: Glitter, Foil, Foam, Devoré, Caviar and other applications such as embroidery, stones, Swarovski crystals, transfers, transflock, etc.

Features that make the difference

High performance NIR-Dryer
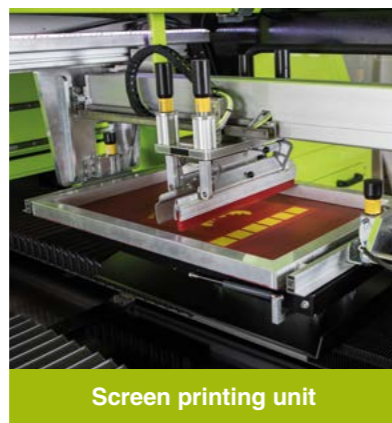
Screen printing unit

**KTS - KytToScreen pallet**

DTG ink channel configurations

8 Print Heads	C M Y K + K Y M C
	C M Y K + W W W W
	C M Y K + S S + W W
12 Print Heads	C M Y K + K Y M C + W W W W W
	C M Y K + W W W W W + W W W W W
	C M Y K + S S + W W W W W W W W

*) **S** means Gamut Expansion Colors (GECs) like red, orange, green – depending on the ink set.

aeoon's 360° maintenance & support principle

Our maintenance & support package guarantees long durability of the machines and a consistently high print quality.
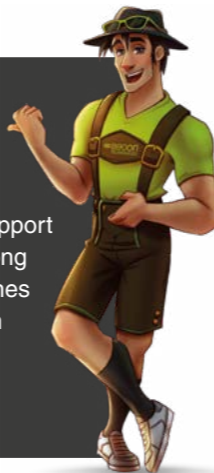
OUTPUT[1]
Hybrid 12/3 up to

300
pieces per hour
on dark garment

This product meets the high quality standard of aeoon Technologies.

Technical Details:

	Hybrid 3.0	
Industrial Print Heads 2656 nozzles per pcs	8 Kyocera KJ4B	12 Kyocera KJ4B
Print Tables	3	3
Screenprint Unit	Integrated – works only for pallet size 40 x 50 cm; ~ 16 x 20 in	
KTS Pallet	1	
Intermediate Dryer	High performance NIR-Dryer	
Dimension (w x d x h)	410 x 350 x 200 cm / ~ 161 x 138 x 79 in	
Weight	2600 kg / 5732 lb	

Max. Printing Size	Framed: with 3 print stations – 40 x 50 cm; ~16 x 20 in Frameless: with 3 print stations – 60 x 90 cm; ~ 24 x 35 in Frameless: with 1 print station – 200 x 98cm; ~ 79 x 39 in
Printable Materials	Cotton, synthetics, mixed fibers, canvas, wood, leather, ...
Printing Resolution	600 dpi up to 2400 dpi resolution
Operating System	Linux OS
RIP Software	aeoon RIP Software
Interface	OPC-UA and REST interface
Crash Prevention	Integrated
Ink Types & Volume	Water based pigment ink, 10 l Container for each color
Environmental Conditions	Temperature 22 - 24 °C; Humidity 50 - 80 % non-condensing
Electrical Supply	3 x 400/208 V + N + PE, 50 / 60 Hz (+/- 5 %) max. power input: 8,5 kVA
Compressed Air Supply	7 bar - Quality Class 5 (residual oil: 25 mg/mÑ - residual dust: 40 µm / 10 mg/mÑ - residual water + 7 DTP / 7.8 gm/m³) (max. air consumption: 500 l / min)

[1] Depending on the performance of the operator, on the material and design and on dark/coloured garment. Printing size: Din A4