

Printing with
HEART & SOUL
has never been
so easy

aeoon **Kyo & Compact**

PLUS 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.

aeoon in a nutshell



2011

launch of aeoon technologies



Vision

develop the fastest and best DTG printers



Headquarters

based in the Austrian Alps, more precisely in Tyrol, Kramsach



Partners

with our partners we established a worldwide network



Customers

we develop according to our customers specific requirements



Products

you will find our DTG printers on every continent around the planet



Team

behind aeoon technologies is a dynamic and international team



Production

all our printers are manufactured exclusively in Austria



Investment 2020

3 Mio. Euros into the new company building extension and 2 Mio. euros into our brand new Innovation Center



Service and Support

we offer our customers highly efficient and remote support



Digital Institute

extensive training is provided to our customers via our digital institute



Environment

our waterbased inks are environmentally friendly and GOTS certified

Industrial DTG Print Solutions

Get your digital printing down to a fine art

aeoon Technologies designs and manufactures industrial direct-to-garment printing machines. With our versatile printing solutions, we have exactly what you need to grow your business. We know that everyone in this business has singular needs, wants and preconditions and that's why we aim to accommodate your company with our machines and help you shift your business into whatever you want it to be.

We are here to be your partner – with our dedicated support team, our motivated print trainers and our experience in the DTG market, we aim to help you create the best version of your business. We are a reliable partner with unique values who will continue to support you with our experience and know-how through everything you want to do with your business.

We wanted to make it easier, more efficient and more cost-effective. And that's exactly what we've managed to do with our PLUS series. PLUS is an integrated heat press in our Kyo and Compact models. With this integrated heat press, you are able to pre-, in-between- and after-press garments directly in the printer! This does not only save you worktime and space, because you do not longer need an external heat press but also possibly a workforce:

Pre- and in-between-pressing heighten the print quality to new levels and with the after-pressing of the print, you achieve a nice hand feel and it enables you to do double-sided printing. And the best part? You do not lose any time or output as the pressing happens during the printing process!

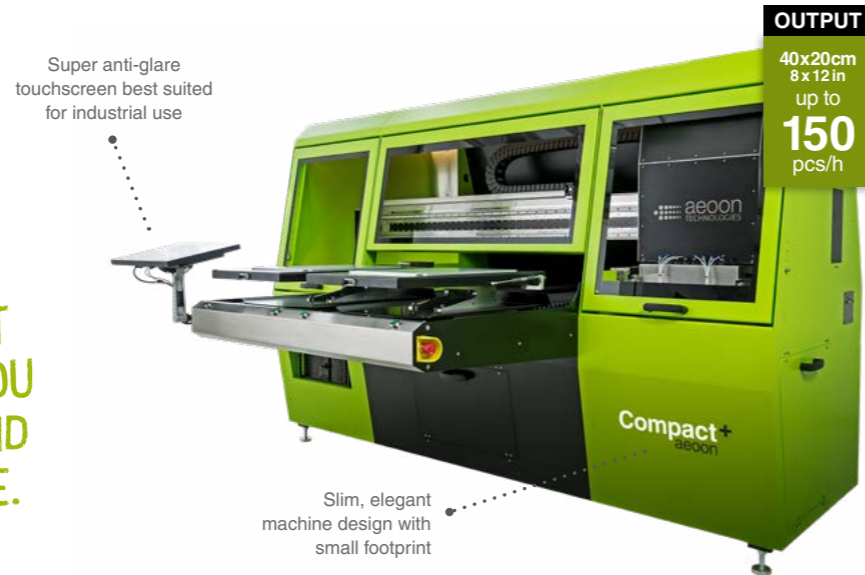


Kyo & Compact PLUS Series

Same style, better content!

Press and print in one go! Our new aeon PLUS series will help you put your DTG production line to a higher level. With an integrated heat press that enables you to pre-, in-between- and after- press your garments, these machines provide you with everything a successful DTG business could wish for.

MACHINES BUILT FOR THE WAY YOU WORK NOW AND IN THE FUTURE.



Integrated Heat Press

Pressing and printing in one go



As explained before, our integrated heat press enables you to press the garments before, during and after the print.

The most remarkable innovation in that sense is probably the in-between pressing which only works with our PLUS systems: The garment is pressed in-between the application of the white underbase and the colour layer. This increases the print quality and also helps with the washability of the print.

- No press marks
- Saving additional work steps
- Increased washing resistance of the print because of in-between- and post pressing
- Heat press size 40x50 cm



SAVE TIME AND SPACE AND SAY GOODBYE TO PRESS MARKS!

Advantages of aeon's DTG technology

Outstanding print quality
Not only are aeon machines some of the fastest on the market – another very important aspect of our DTG printing systems is the outstanding print quality which is yet to.

Kyocera Print Heads
Our industrial print heads count among the best and most precise DTG print heads in the world and can print high-resolution, photorealistic motifs without any problems.

POD Fulfillment
As all of our other machines, Compact and Kyo PLUS are of course also easy to integrate in an automated workflow. Because: No matter how your business grows, aeon printing systems grow with you!

Support & Training
Being a part of the aeon Family means receiving intense training courses and being able to communicate with our dedicated support team for any questions that may arise.

Durability instead of Plastic
Due to solid construction, a long and reliable DTG production is guaranteed. aeon places a high value on the quality and durability of our machines.

Eco friendly Inks
Our waterbased inks are environmentally friendly and GOTS certified as we are constantly working on making our products more sustainable.



Open up new opportunities with aeoon DTG printing solutions.

Printing with **HEART & SOUL** has never been so easy

Printed on Cotten with Necklable Pallet

Printed on Denim/Jeans



Printed on Canvas

Printed with Baby Pallet

Technical Details

	Compact PLUS	Kyo PLUS
Industrial Print Heads	8 Kyocera KJ4B	8 or 12 Kyocera KJ4B
Number of Nozzles	2656 nozzles per pcs	2656 nozzles per pcs
Printing Resolution	600 dpi up to 2400 dpi resolution	600 dpi up to 2400 dpi resolution
AHP - Heat Press	Integrated for each printqueue (max. Size: 40x50 cm; ~ 16x20 in)	Integrated for each printqueue (max. Size: 40x50 cm; ~ 16x20 in)
Operating System	Linux OS	Linux OS
RIP Software	aeoon RIP Software	aeoon RIP Software
Ink Types	Water based pigment ink	Water based pigment ink
Ink Supply	10l Container	10l Container
Automation Workflow	Optional	Optional
Dimension (l x w x h)	320x310x190 cm / ~126x122x75 in	410x290x200 cm / ~161x114x79 in
Weight	1900 kg / 4189 lb	2450 kg / 5400 lb
Interface	OPC-UA and REST interface	OPC-UA and REST interface
Environmental Conditions	Temperature 22 - 24 °C; Humidity 50 - 80% non-condensing	Temperature 22 - 24 °C; Humidity 50 - 80% non-condensing
Electrical Supply	3x400V+N+PE (3x208V+N+PE) 50/60Hz (+/-5%) max. power input: 6,3kVA+4,3kVA	3x400V+N+PE (3x208V+N+PE) 50/60Hz (+/-5%) max. power input: 8,5kVA+6,3kVA
Compressed Air Supply	7 bar - Quality Class 5 (residual oil: 25 mg/m ³ - residual dust: 40 μm/10 mg/m ³ - residual water + 7 DTP/7.8 gm/m ³) (max. air consumption: 500l/min)	7 bar - Quality Class 5 (residual oil: 25 mg/m ³ - residual dust: 40 μm/10 mg/m ³ - residual water + 7 DTP/7.8 gm/m ³) (max. air consumption: 500l/min)
Printable Materials	Cotton, synthetics, mixed fibers, canvas, wood, leather, ...	Cotton, synthetics, mixed fibers, canvas, wood, leather, ...

Ink Channel Konfigurationen

8 Print Heads	C M Y K + K Y M C
	C M Y K + W W W W
	C M Y K + R G + W W
12 Print Heads	C M Y K + K Y M C + W W W W
	C M Y K + W W W W + W W W W
	C M Y K + R G + W W W W W W



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