

10 Great Years

aeoon celebrates
2011 - 2021



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.



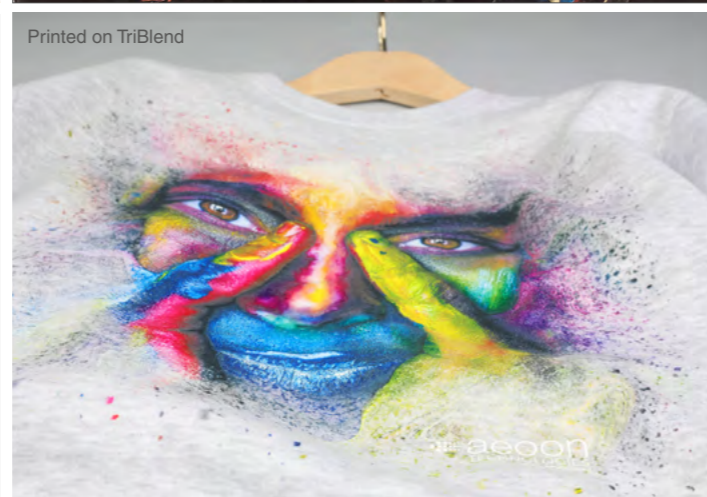
Combination DTG printing and embroidery



DTG print with Spot Color ink RED and GREEN



Printed on Canvas and Synthetic Bags



Printed on TriBlend

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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 & OEKO-TEX® certified

Welcome to Austria

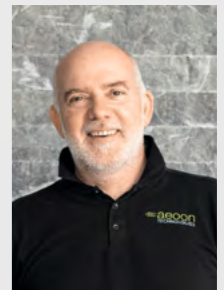
aeoon technologies is the designer and manufacturer of industrial direct to garment printing solutions founded in Tyrol, Austria. Our team has decades of experience in screen printing which gives us a unique perspective and expertise to bridge the gap of decoration methods between DTG and conventional screen printing. We are proud to offer the most robust and innovative equipment on the market, with an outstanding return on investment for our clients.

The product development processes we employ are focused on meeting the evolving needs of the marketplace and our existing customer base. This allows us to further customize our products and meet the demands of our current and future customers. We understand that every customer has different needs and that is why we build the most versatile DTG print equipment in the world. We do this with modular designs that can be updated in case our customers extend their production.

We look forward to working with you.

Best wishes,

Angelo Schiestl, CEO



aeoon technologies gmbh

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Features

- Fastest and most reliable DTG printer on the market
- Shortest curing time on the market
- Printing on complex fabrics and dark polyester
- Huge variety of pallets, even for special applications
- Unrivalled 12 month warranty on machines – longest on the market
- The longest ink shelf life on the market
- Integrated OPC-UA interface



Technical & Support

- High quality industrial dtg equipment
- Customized solutions
- All year training – in-house training
- Remote, on-site and digital support
- Online installations
- Industrial print heads with a print resolution from 600 dpi up to 2400 dpi
- Ability to print photorealistic pictures, gradients, thin lines and shadings
- Excellent hand feel of print results
- Designed for automation with a smooth web shop connection



Brand Promise

- Fantastic value for money
- Fast return on investment
- Low installation costs
- Highly practical and simple machine operation
- Easily compatible with all software systems (e.g. Smake, Kothari...)
- Modular system configuration
- Workflow automation available



Environment

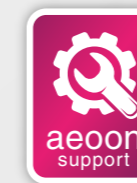
- Waterbased pigment ink
- OEKO-TEX® and GOTS certified
- Made in Austria
- Local and regional supplier network
- Low energy consumption
- Low maintenance

What makes us special

The entire manufacturing process as well as design, software development, assembly, logistics, research and development take place at the corporate HQ in Austria. Through a very careful selection of suppliers we have managed to source most of our components from the local and regional area. Our suppliers are known and appreciated for their reliable products and services.

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 designs with unmatched durability that enables our customers to offer the best DTG prints available for their customers. Our customers profitability and success are paramount to aeoon.



Service and Support

Well-trained specialists ensure that your DTG printers are ready for use every day.



Automation

All our DTG printers can be integrated into a fully automated production workflow.



Sustainability

We take our responsibility towards the environment very seriously and set new standards in many areas.

Our History



2011

aeoon technologies is founded in Austria. In the same year, the first prototype of the Kyo series is presented to a broad trade audience at FESPA in Hamburg. The enthusiasm of the trade fair visitors and the trade press confirmed our chosen path in digital textile printing.



2013

aeoon technologies moves to its new headquarters in Kramsach, Tyrol. This strategic decision has proved to be very positive; the proximity to Munich International Airport and the very good infrastructure at this location have made it possible to push ahead with many strategic advancements.

2015

Opening of our first showroom. It served to present our printers and the associated equipment. Ink and print tests were carried out for us and our customers.

2016

Introduction of the Compact Series. It has especially been developed for companies that are only just starting their journey with digital industrial textile printing or only have limited in their production rooms.



2018

The aeoon machine line is complemented by the Kyo Hybrid Series. It combines screen printing and digital printing in a single machine and offers the best of both printing worlds.

aeoon expands its product portfolio with the Flatbed Series. The digital large format printer enables printing on various flat materials such as leather, wood, glass, metal or paper.

Opening of the subsidiary **aeoon North America**. An important step in establishing our brand on the US market.



2020

The Compact Micro is presented at the ISS Long Beach trade fair. It sets new standards in POD fulfillment.

Opening of the new 700m² Innovation Center in Kramsach.



2012

In the following years, aeoon technologies focused on building business relationships and increasing turnover. The Kyo series is further developed. Since the beginning, the focus of our technological development has been on the needs of our customers.

2014

Presentation of the first jetable pretreatment from the print head by aeoon technologies and launch of the Kyo series on the Italian market.

2017

The product range is extended by the PTB - Pretreatment series. Designed to improve workflow and support the high-speed performance of aeoon DTG printers.

2019

The Kyo Link Series is being developed. It makes the integration of popular e-commerce providers easier than ever before.

Ground-breaking ceremony for the extension building at our main location.

„Don't let the wrong
printer limit your creativity.“

Angelo Schiestl, CEO



We are aeoon

aeoon technologies was founded in the hometown of Angelo Schiestl – CEO and founder. His philosophy to treat all employees, distributors, clients and partners like family has created strong, successful and life-long partnerships. It is of utmost importance for aeoon technologies to be known for building the best dtg equipment in the world, offer second to none service and support and build strong and long-lasting rapport with our new and current family members.

Interview with CEO Angelo Schiestl

How did you get involved with DTG?

Angelo Schiestl: For many years I was the Head of Engineering for a large screen-printing manufacturer and really enjoyed what I was doing. One day I was reviewing one of our latest designs and was very impressed with what was delivered but realized we just made an existing process better. It was that day I started thinking about what was next in terms of technology and what could really make a difference in the decoration space. Direct to garment printing is a natural next step but how to make an analog process digital was the real challenge. I took the leap with some great colleagues and aeoon was born.

The ride has been bumpy, but I can say over the past three years we have really positioned ourselves as the best industrial direct to garment manufacturer. Designed and built in Austria means a lot to me and the people who work at aeoon. Austria is known for quality of design and manufacture. Plus looking at the Alps every morning, afternoon and night isn't a bad thing.

What does aeoon stand for?

Angelo Schiestl: That is a question I get asked often and depending on who is asking the answer may vary slightly. From a marketing perspective, we wanted to be on the top of the search results. From a more pragmatic standpoint, aeoon stands for Austrian Engineered with an eastern European flair of oon. On the French side oon is a way to stress a word while on the British side it means one. In the Greek language the pronunciation can mean eternity or a long period of time, which reflects the durability of our machines and how we approach business relationships. No matter how you look at it, aeoon can have different meanings, depending on the way you read or pronounce it. From my perspective it met the criteria of being first in the search results and tied back to Austria.

Service & Support

Customer satisfaction is our top priority



Direct to garment is an evolving market and the learning curve can seem overwhelming at times. With the collection of internal knowledge and expertise, aeoon technologies has been building up substantial experience and know how, which is proudly shared with our customers.

From the time an order is placed to the installation and beyond, aeoon technologies treats its customers like family members, making the whole process as smooth as possible.

Technical support can be received personally on site and via phone and web. The post-installation and subsequently production process can be accompanied by regular training sessions from our print trainers and technicians. The on-site trainings will be supported by a newly developed app which increases the confidence of the machine operators tremendously. Furthermore, the training development can be controlled and necessary learning updates installed.

Our partner network supports this exceptional service and attends each customer's needs with dedication and professionalism until the problem is solved.

Warranty

All aeoon machines comes with a ONE YEAR warranty

- The longest ink shelf life
- Worldwide remote support
- aeoon technicians located worldwide
- Online installations
- Online print trainings

Extended warranty packages include

- Advanced print training classes
- Discount on components
- Preventative maintenance visits
- Free software upgrades

Everything from one single source

End-to-end solutions for the DTG printing sector



PTB Pretreatment



Compact Series



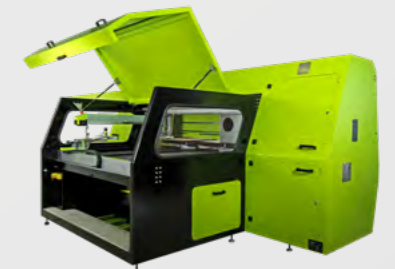
Compact Micro Series



Kyo Series



Kyo Link Series



Kyo Hybrid Series



Certified water-based inks



Dryer Series



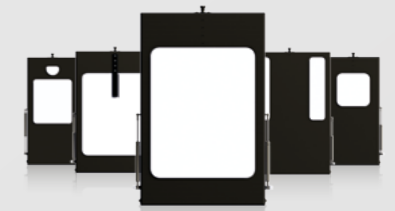
Fusing



Heatpress



Folding Machines



Wide range of pallets

Compact Series

For versatile digital print production

Output¹ 8/2
up to **150** pcs/h
Printing size
40x20cm; ~16x8in

The Compact Series consists of high-performance industrial textile printers. It is the ideal solution for new and experienced textile printing companies. The Compact Series offers high output and unmatched print quality in a smaller footprint than our flagship KYO Series.

Our RIP software optimizes high resolution artworks with a touch of a key, sends it to the printer and gets it ready to go. The software automatically applies a smart underbase to optimize the cost per print which is significantly less than with other RIP's. We offer a large selection of pallets to offer the highest flexibility for our customers and, like all aeoon printers, deliver the same high-resolution quality prints.

The Compact Series is a cost effective industrial DTG printer that prints reliably, at the highest quality, with the flexibility aeoon is known for.



Benefits

- Low capital expenditure enables entry into digital textile printing
- No pretreatment for white garments – low printing costs
- Industrial print heads with a print resolution from 600dpi up to 2400dpi
- Wide range of pallets – also for special applications
- Integrated OPC-UA interface
- max. print size 120x80cm; ~47x31in – frameless pallet

Compact customer's Success Story

It was important for us to include an industrial machine in our machine park, which enables us to produce everything from personalized individual items to large orders with consistent print and color quality.

Angelo Grodzki, CEO & Founder of Heldenwerbung, DE



Technical Specifications

Output¹ 8/2:
up to 150 pieces/h
Printing size: 40x20cm; ~16x8in

Model:
4/2 - with 4 print heads
8/2 - with 8 print heads

Printing stations:
2

Configurations:
CMYK; Double CMYK or
CMYK+4W

Max. printing size:
with 2 print stations – with frame
40x50cm; ~16x20in
with 2 print stations – frameless
50x70cm; ~20x28in
with 1 print station – frameless
120x80cm; ~47x31in

Printable material:
Cotton, synthetics, mixed fibers,
polyester, canvas, wood, leather, ...

Dimension (l x b x h):
280x220x170cm;
~110x87x67in

Weight:
1500kg; 3307lb

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.

Kyo Series

High-performance Industrial DTG printing

The Kyo Series was developed for customers with high output needs, for either large runs of the same design or one offs. This proven platform offers excellent uptime of operation, which translates into the fastest return on investment of any DTG printing machines on the market.

The KYO Series offers unsurpassed print quality unbeatable print speed and contains the highest quality industrial components. For added flexibility, there are over 30 standard pallets with a maximum print area up to 200x98cm. With aeoon's open architecture implementation of workflow processes are easily attainable. This will improve on the industry lowest cost per print based on optimized ink usage.

There is no better solution to set up or expand a high output, versatile and lucrative DTG production business. The Kyo Series offers you can maximum output, maximum print area and maximum performance.

Output¹ 12/3
up to **180** pcs/h
Printing size
40x20cm; ~16x8in



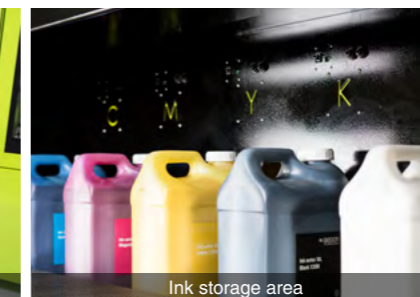
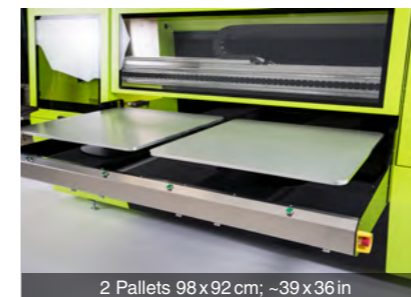
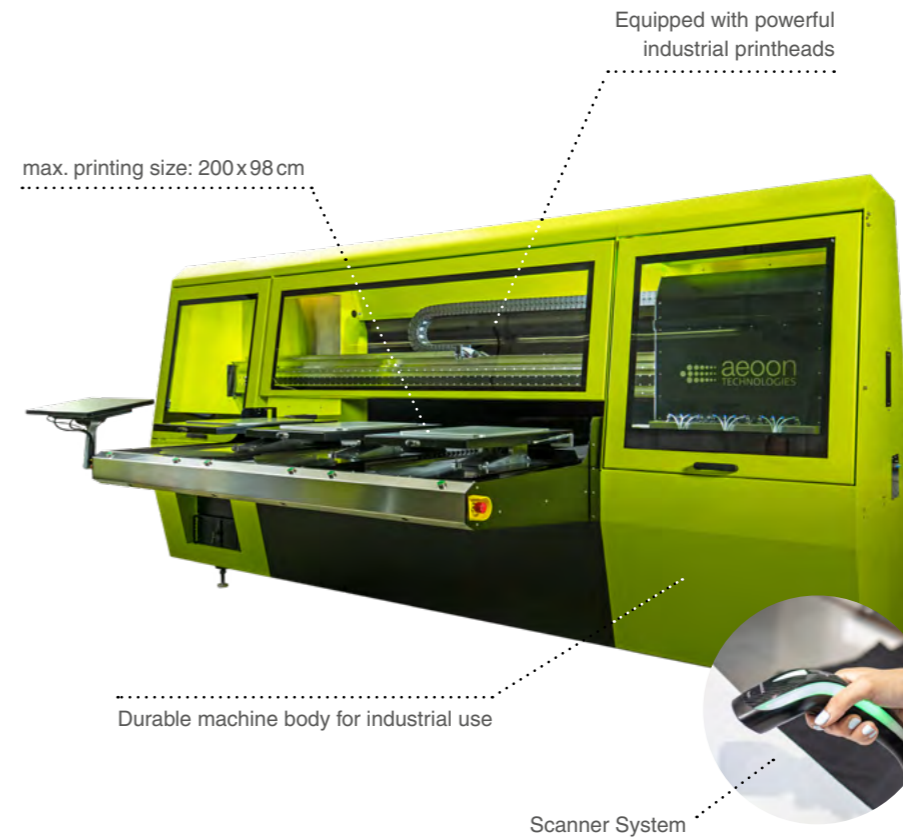
Benefits

- Fastest return on investment
- Fastest DTG printer on the market
- 24/7 – High-performance production in shift operation
- No pretreatment for white garments – low printing costs
- Industrial print heads with a print resolution from 600 dpi up to 2400 dpi
- Integrated OPC-UA interface
- Wide range of pallets – also for special applications
- max. print size 200x98cm; ~79x39in – frameless pallet

Kyo customer's Success Story

Our company has more than 30 aeoons running 2 shifts/7 days a week. We have tested every commercial DTG machine and aeoon is by far the most scalable solution for POD fulfilment. Their high-definition prints, cost per/print, and up-time reliability are the best in the market. aeoon technologies blows the competition clean out of water.

Robert Hake, CEO & Founder of MyLocker, US



Technical Specifications

Output¹ 12/3:
up to 180 pieces/h
Printing size: 40x20cm; ~16x8in

Model:
4/2 or 4/3 with 4 print heads
8/2 or 8/3 with 8 print heads
12/2 or 12/3 with 12 print heads

Printing stations:
2 or 3

Configurations:
CMYK; Double CMYK; CMYK+4W
CMYK+8W or CMYKOG+6W

Max. printing size:
with 3 print stations – with frame
40x50cm; ~16x20in
with 3 print stations – frameless
60x90cm; ~24x35in
with 1 print stations – frameless
200x98cm; ~79x39in

Printable material:
Cotton, synthetics, mixed fibers,
polyester, canvas, wood, leather, ...

Dimension (l x b x h):
410x290x200cm;
~161x114x79in

Weight:
2000kg; 4409lb

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.

Kyo Link Series

For the future-oriented DTG printing

The Kyo Link Series was created for companies that aim to work with the most technologically advanced DTG printers on the market.

It connects complex front-end interfaces with demanding back-end processes and it can be linked with a wide variety of applications and uses the most modern RIP software. The Kyo Link Series enables a seamless connection to homepages, online shops and API interfaces. Further highlights are an integrated projector, scanners and heat presses with which R2P materials can be pre-pressed. Of course, in addition to the smooth human-machine interaction, as with all aeoon printers, you achieve unrivaled production capacities with the highest quality print results.

The Kyo Link Series is therefore the most suitable printer for companies with high production volumes and automation requirements, which want to remain competitive and well equipped to produce on demand with minimal human intervention.

Output¹ 12/3
up to **180** pcs/h
Printing size
40x20cm; ~16x8in



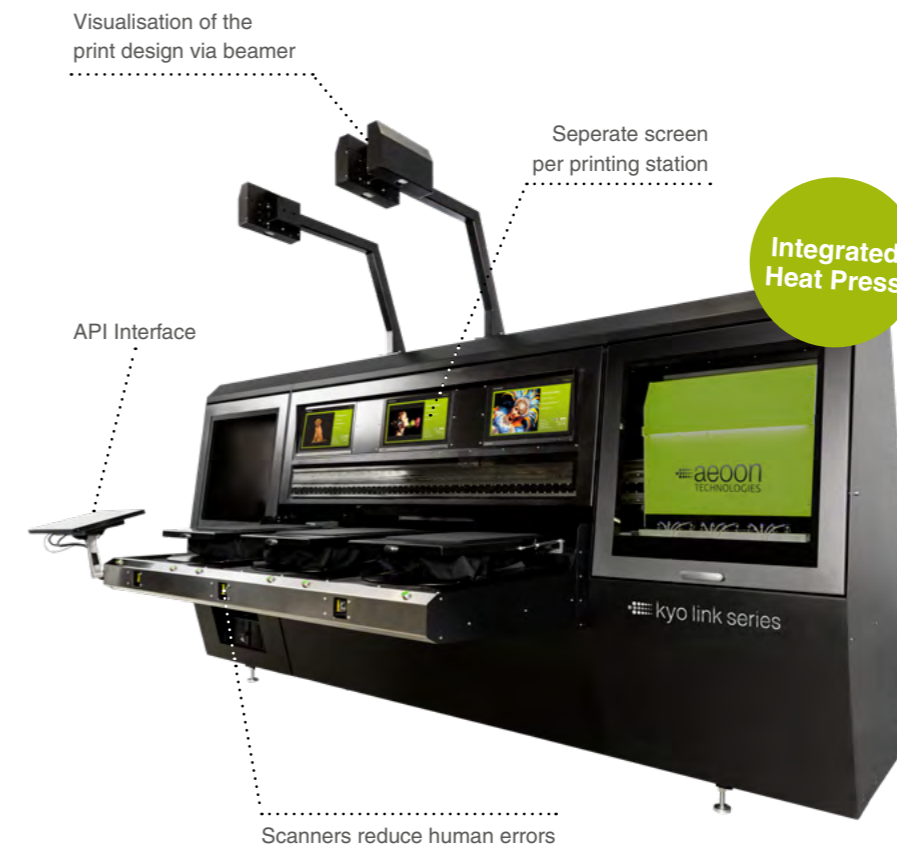
Benefits

- Latest software version
- Visualisation for each print job on separate monitor
- Job scanner for each print station
- Improved automation functionality
- Improved integrations platform
- No use of pretreatment on white garments – for low printcosts
- Integrated heat press for R2P¹ and pre-treated T-shirts, max. size 40x50cm; ~16x20in
- Industrial print heads with a print resolution from 600dpi up to 2400dpi
- Integrated OPC-UA interface
- Integrated projectors

Kyo Link Partners Success Story

Smake[®] recommends the Kyo Link series especially for POD² customers with one-offs. The additional features, such as the integrated scanner, projector and heat presses for pre-pressing R2P¹ shirts or freshly pretreated textiles, provide the perfect base for integrating the Link into a fully automated production process.

Thomas Dress, CEO & Founder of Smake[®], DE



Integrated scanner system



Integrated heat press



Independent printing stations

Technical Specifications

Output¹ 12/3:
up to 180 pieces/h
Printing size: 40x20cm; ~16x8in

Model:
8/3 with 8 print heads
12/3 with 12 print heads

Printing stations:
3

Configurations:
CMYK; Double CMYK; CMYK+4W
CMYK+8W or CMYKOG+6W

Max. printing size:
with 3 print stations – with frame
40x50cm; ~16x20in
with 3 print stations – frameless
60x90cm; ~24x35in
with 1 print stations – frameless
200x98cm; ~79x39in

Max. printing size Heatpress:
40x50cm; ~16x20in

Printable material:
Cotton, synthetics, mixed fibers,
polyester, canvas, wood, leather, ...

Dimension (l x b x h):
410x290x200cm;
~161x114x79in

Weight:
2150kg; 4740lb

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 R2P (Ready to Print) refers to textiles that have already been pre-treated and can be printed immediately.
² POD – print on demand

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

Kyo Hybrid Series

For demand-oriented textile printing

Output¹ 12/3
up to **180** pcs/h
Printing size
40x20cm; ~16x8in

The Kyo Hybrid Series is the first real combination of a screen printing and digital textile printing and it 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 easily be integrated. This combination achieves significant savings in the consumption of white ink, while delivering a premium product.

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.



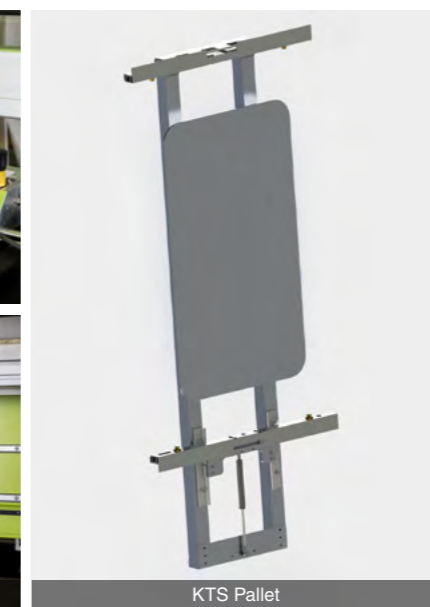
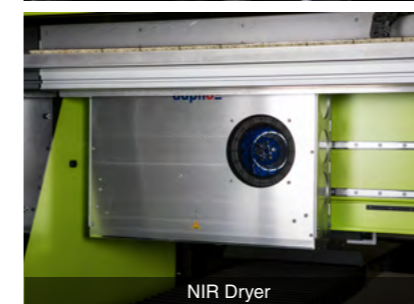
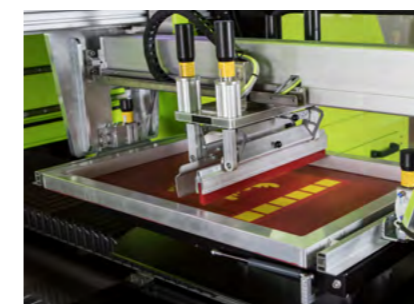
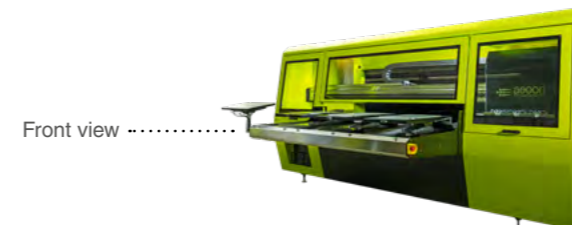
Benefits

- 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 600dpi 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

Output¹ 12/3:
up to 180 pieces/h
Printing size: 40x20cm; ~16x8in

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
40x50cm; ~16x20in
with 3 print stations – frameless
60x90cm; ~24x35in
with 1 print stations – frameless
200x98cm; ~79x39in

Max. screen printing size:
40x50cm; ~16x20in

Printable material:
Cotton, synthetics, mixed fibers,
polyester, canvas, wood, leather, ...

Dimension (l x b x h):
410x350x200cm;
~161x138x79in

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.

PTB Pretreatment

For industrial mass production

Industrial digital textile printing requires that processes are carefully executed and coordinated to achieve high quality results as well as a high output for the DTG printer. Therefore, the development of an external pre-treatment machine was a natural step for aeoon technologies.

The PTB can pretreat up to 930 garments per hour (depending on dryer length) in a cost and material efficient way. The biggest advantage of an external pretreatment machine is the optimised workflow that can be achieved. Garments can be pretreated in advance or while the printer is running, which allows for a much higher output per machine.

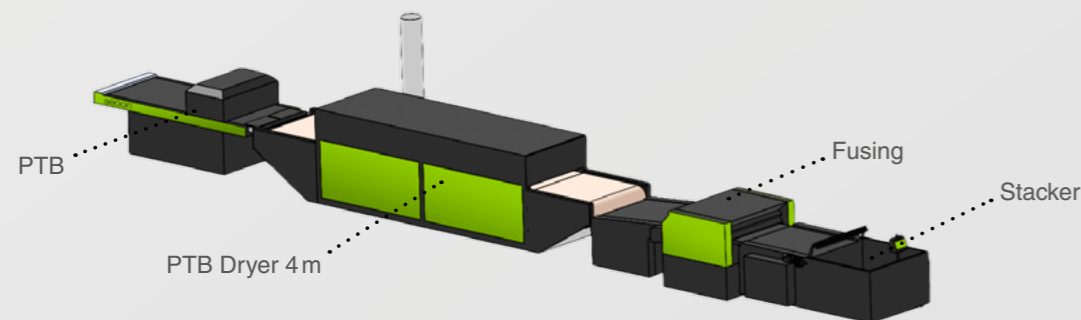
Benefits:

- The PTB removes the pretreatment bottleneck in your production process
- Parameters can be set via a remote interface (connection to the automation system through scanner)
- Optimise pretreatment to pretreat only the desired area
- Self-cleaning cycles minimise the need for additional maintenance
- Spray from 1 to 13 nozzles, depending on design needs
- Largest pretreatment area at 1x3m
- Touch screen and intuitive software menu
- Store your customized 1 preset setting
- Laser automatically detects pretreatment area
- Self-cleaning function of nozzles and belt
- No pre-treatment odour
- Can be connected directly to a dryer with fusing machine
- Integrated API interface



PTB Line Up - Increasing efficiency in DTG production

Our PTB Line Up is the ideal combination of pretreatment, drying, fusing and stacking. It gives you the opportunity to build an efficient production workflow, increase output and higher quality. Choose the competitive advantage that will give you a big head start over your competitors who are less willing to innovate.



Accessories

Field-tested products

For smooth operation and to achieve the highest possible output and print quality, it is crucial that the peripherals are ideally coordinated. For this reason, aeoon technologies offers a range of accessories that are ideally suited to our DTG print series.

Dryer Series

Our dryers can be tailored to our customers' needs as there are single, twin or triple belt systems available. All our dryers run bidirectionally which enhances the workflow and can be manufactured in different lengths. Thanks to the modular set-up our dryers are scalable and can grow with the production demands of our customers.



Heatpress

Our pneumatic double headed heat press temperature and pressing time can be adjusted and it can also be used with different plates, which allows customization also in this important step of achieving high print quality and output.



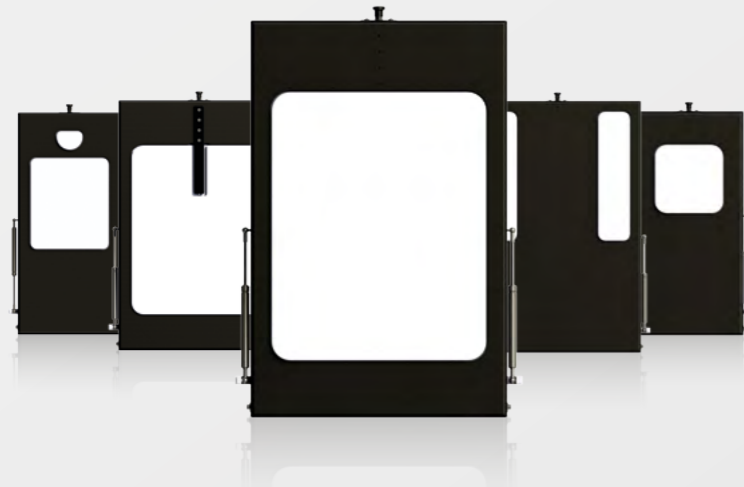
Folding machines by DEKKEN

Folding machines are the perfect solution for time and cost saving folding and stacking of all kinds of garments. When looking for the best folding system for our DTG printers, DEKKEN Machinery's products have proven to be the best in many ways: Flexibility, high output, folding accuracy and versatility.



Widest range of Pallets

Always the right one in action



aeoon technologies offers the most extensive range and the biggest pallets on the market. We offer standard sizes as well as customized sizes for a wide variety of printing requirements. All pallets can be exchanged fast and easily. Big advantages for our clients are our neck label pallets and big size pallets with up to 200x98 cm. Our big size pallets work currently only with the Kyo 3-axis series.

From standard pallets to special pallets



Ready 2 Print

Optimal for the wet on dry printing process

As the DTG market continues to evolve, the substrates/t-shirts will also continue to change. More and more pre-treated garments are entering the market which makes aeoon technologies advantage even greater. The wet on dry process drives more prints worldwide with our machines than any other process and aeoon is the only industrial DTG that can utilize this process. Our unmatched quality coupled with the massive output of all our systems create a winning package in terms of productivity.

Print without the need to pretreat inhouse.

Benefits:

- Perfectly pretreated textiles for wet-dry production
- Cost reduction through increased efficiency and production
- Optimal utilization of the aeoon technologiesprinting capacities
- The entire garment surface can be printed



Colour brilliance in combination with superb wash resistance significantly simplifies DTG printing.

Samples that show you what our DTG printers can do



← Printed with Necklabel Pallet



↑ Printed on Cotton with Baby Pallet



↑ Bag printed on OEKO-TEX Standard Cotton with our Kyo Series



← Printed on Polyester



↑ Printed with Double Sleeve Pallet on mixed fibers



Printed with Tag Pallet



← Printed with Spot Colors RG



← Printed with our Compact Series on 50% Cotton and 50% Polyester



↑ Print on textile products for interior use



↑ Printed on Jeans with our Kyo Series



Printed on white and black Cotton Bags

Automated workflow solutions

Keep the overview - increase performance - reduce costs



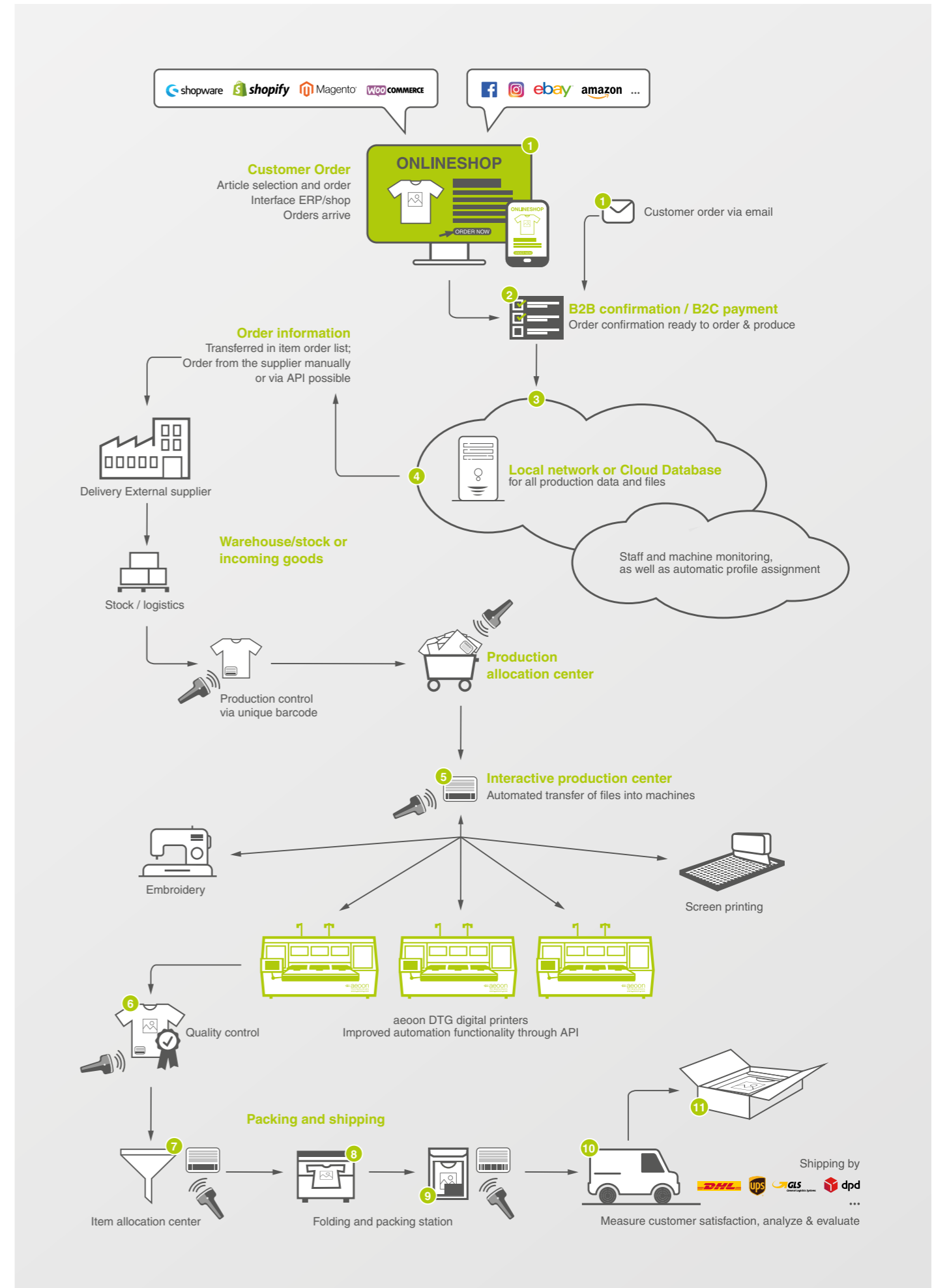
Our DTG machines make the integration into popular e-commerce providers like Shopify™, Shopware™ along with social media marketplaces like Instagram™, Facebook™ easier than ever before.

Automated workflow solutions makes the shop floor and production processes efficient. Our systems can easily grow with the production capacity of our customers. Hence it is possible to analyse the performance and reduce errors and production stops. All aeoon DTG printers can be integrated into an automated production workflow.

Connect front-end and back-end processes
Individuality and flexibility are the demands made on today's textile printer. This requires the conversion of the entire production workflow. It is important that each station from online order-

ing to production and shipping can be assigned correctly and that communication runs smoothly. By cooperating with Smake® or Kothari® aeoon can offer a complete software solution that connects the entire workflow.

The front-end processes of an e-commerce platform can be linked to the client's production fleet and production workflow. Every step from the customer's print order to the delivery of the product can be seamlessly automated at Industry 4.0 standard. aeoon clients can create their own e-Shop according to their specific target group, thanks to the integrated software in the printers.

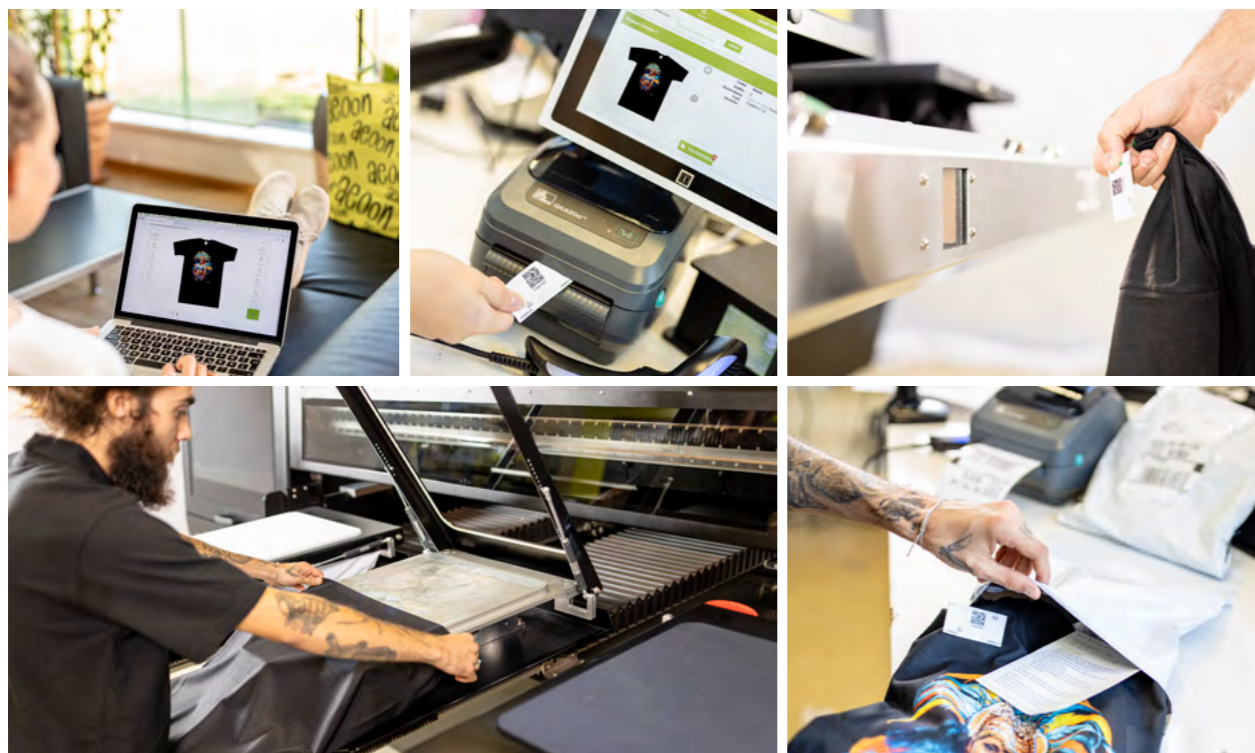


Smake® Automation

Order - production – shipping

With the automated production workflow of Smake®, you can be confident that orders will be processed error-free, stress-free and accurately within the shortest possible time.

- Existing printing and application machines can be easily integrated
- Production process can be fully automated
- RESTful API and Shipping API (go shippo, ship station, easy post) interfaces
- Smooth learning curve, easy to install
- Over 275 integrations worldwide
- Orderdesk integration
- Zazzle and Printify integration
- Order received without effort
- Fulfillment Service
- Completely automated rip process and automated profile management
- Connection to the existing ERP and merchandise management systems
- Statistical analysis



aeoon's interACTIVE App

Learn faster in a fun way

aeoon ACT With the digitalization of education, the effectiveness of training courses can be increased and the sustainability of the knowledge acquired can be retained. In addition to successfully established training channels, the aeoon interACTIVE app provides training where practice begins. It offers learning content when is needed, in a short amount of time from anywhere. Short, flexible and modular.

Microtraining via our app teaches you our technology and products on the smartphone and in small steps. The mobile learning concept allows flexibility in terms of time and space and enables a self-directed and individualized learning experience that - subsequently - serves to shold on to that over the long term. The content is presented in short and compact flashcards and videos that can be accessed anytime and anywhere. The learning progress can also be checked at any time.



App Login area Mobil



Dashboard interACTIVE App

aeoon's Workflow Optimization Analytics Dashboard

There is always room for improvement

Our analytics dashboard gives you relevant metrics and an overview of production performance without tedious manual data entry, so you can focus on what's important in your business.

- Individual dashboard customisation
- Capture printer uptime
- Maximise production workflow
- Detect production bottlenecks
- No more manual data collection



Sustainability & Environmental awareness

Setting the course for tomorrow today

From the very beginning of aeoon technologies, sustainability has been an integral part of our company's philosophy. For us it is a way of life, rather than a concept that we adopted due to it becoming much more prominent in recent years.

It has been in our DNA from the start. We develop and produce our machines in a stunning and yet vulnerable Austrian environment. The women and men who work at aeoon have a strong connection and long history living and protecting the nature around them. This unique perspective reflects in our inherit need to take care of our natural and cultural resources.

With our innovative DTG technology we provide our customers the ability to operate efficiently and profitably on a Print-On-Demand (POD) basis. This technology reduces the

consumption of natural resources, energy, transportation and logistic procedures as well as textile waste tremendously.

We understand that doing good is not enough – it must be done the right way. With this idea in mind, we have been continuously improving the performance and production methods of our machines. Now, aeoon technologies sets global benchmarks for durability, energy efficiency, recyclability, and life span for DTG printers.

We have been careful to select local suppliers who share

our values to ensure every component produced and utilized in our machines meets our sustainability philosophy. The majority of our suppliers are from our nearby vicinity, sharing our ideas and values and at the end reducing transport emissions, which benefits our customers and the environment.

We are proud to be working closely with developers and certifiers on the advancement of our water-based inks, cleaning and pretreatment fluids. Thanks to these efforts we can provide the latest GOTS® and OEKOTEX® certified liquids, which subsequently facilitates the certification process for our clients.

All our machines are produced in our newly built, energy efficient headquarter in Tyrol. Exceeding the already high environmental and social standards from the Austrian government, aeoon technologies is dedicated to further invest in a more sustainable planet for future generations.

Great investments have also been made in our employees, to whom we strive to provide a healthy, well balanced and motivating work environment. Zero discrimination and harassment policies are being lived by each of our "family members." We are an inclusive equal opportunity employer who values our most valuable resource – people.



Our goal is to offer machines which are more energy efficient, utilizing environmentally friendly parts and consumables

aeoon technologies will never compromise on its commitment to sustainability and continue to offer the most eco-friendly solution in the DTG marketplace.

aeoon technologies offers the lowest VOC and HAP ink solutions and strives to eliminate all VOC impact.

aeoon technologies works with suppliers and customers who believe in "clean manufacturing" process and adhere to all local municipality requirements.

aeoon technologies will not sell equipment to customers who purposely damage the environment, violate labor laws or operate in an unsafe manner.

Waterbased Pigment Inks

100% biodegradable

Nowadays more than ever, DTG printing businesses are going eco-friendly as customers are becoming more conscious about where their product is coming from and how it's made.

Water based ink, which is made by suspending a 100% biodegradable pigment into a water base, is gaining popularity within the DTG printing industry due to its combination of quality, affordability, and eco-friendliness.

aeoon technologies is dedicated to protecting and conserving our natural environment and therefore uses 100% water-based ink. Our Innovation Center has been continuously testing print parameters and improving the print quality on a huge variety of garments. Additionally, our team has been focusing on reducing the amount of ink being used while maintaining an outstanding print quality, which has a significant ecological and economic impact for our customers and the print industry.



OEKO-TEX® Standard 100
 OEKO-TEX® enables consumers and companies to make responsible decisions which protect our planet for future generations. The testing and certification process on which our standards are based guarantees maximum consumer safety.

GOTS
 On-site inspection and certification of processors, manufacturers and traders performed by independent specially accredited bodies is the basis of the GOTS monitoring system to provide a credible assurance for the integrity of GOTS certified textiles.

Spot Color Inks

For DTG printers using only CMYK colors, it is almost impossible to recreate the vibrancy and brightness of an RGB picture in a print. That is because the colors required are simply „out of gamut“ – they are not in the CMYK color range. Customers who are used to seeing bright screen print colors on textiles, will notice that the same designs, but done with a DTG printer, have less intense colors. With Spot Colors by aeoon, it is finally no longer necessary to compensate that loss or try to balance it out with tweaks!



Benefits:

- Larger color gamut
- Ink savings (instead of 100% yellow and 100% magenta for red, only 100% red)
- More accurate color results
- Pantone colors are easier and more accurate to achieve
- Improved color brilliance
- More homogeneous print results
- Less deviation between monitor and print, due to larger color space





Developed and produced in Austria

The satisfaction of our customers is our most important goal

Owning the entire process from design to manufacturing all in our corporate facility in Kramsach – Austria, makes us different. aeoon technologies benefits from the unique case that the same people who design the products, obtain immediate feedback on all componentry, to build the most robust DTG printers in the world.

The accelerated alpha and beta testing take place next to the Innovation Center & Research and Development center, which means that every component is tested various times, to ensure the products will hold up to the demands of our clients. Austria is known for developing some of the most intricate, high quality products in the world, assembled by people who have a tremendous pride in their work.

These are the main reasons why aeoon technologies emphasizes on sourcing local and regional suppliers, whenever possible. Furthermore, the local partnerships also mean a lower environmental impact, more efficient logistics and higher flexibility. Our customers appreciate the fact they know whatever aeoon product they buy will perform – every day.



Innovation Center

Presentations, trainings and sample creation



With the Innovation Center's opening in 2020, aeoon technologies launched a long-term strategy is to continue providing unparalleled service and support within the DTG industry.

With more than 700m² in the corporate headquarters, a professional and experienced team has been dedicated to optimizing workflow, print quality, output, and further relevant clients' challenges. With the experience obtained in the Innovation Center, which is also equipped with its own laboratory, we can continuously improve our support service.

Additionally, the Innovation Center proves to be ideal for live-stream presentations – which were especially useful during travel restrictions due to COVID-19. Of course, our clients, partners, and potential customers are more than welcome to visit us personally and get a chance to see all our machinery in action. Our team is delighted to schedule an appointment and give you a personal tour through our Innovation Center and showroom.

The Innovation Center is also being used to train our own employees and keep them up to date with the latest developments. Our in-house training guarantees that our technicians and print trainers hone their skills and knowhow to provide outstanding problem solving and individual customer service. In particular, the variety of our clients demands high flexibility, knowledge, and empathy. The on-site Innovation Center is directly connected with all aeoon technologies departments, allowing smooth and fast communication. Furthermore, our dedicated R&D team conducts regular product and ink development tests.

All these steps allow us to understand our client's needs better. aeoon technologies have always focused on creating a better workflow, increasing print quality and output, and enhancing our customer experience.

aeoon distribution network

made in austria – supported worldwide



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