TA TRIUMPH-ADLER GROUP

SHAPING A SUSTAINABLE FUTURE

triumph-adler.com

CONTENTS

OUR RESPONSIBILITY:
SUSTAINABLE MANAGEMENT AS A GUIDING PRINCIPLE

As a Kyocera Group company, the Kyocera philosophy is at the heart of everything we do. The guiding principle of "acting responsibly as human beings" forms the basis for all our decisions. That is why "we want to create opportunities for material and intellectual growth for all our colleagues and contribute to the progress of society and humanity through our collective efforts," every single day.

We are committed to a sustainable society and are guided by the ten principles of the Kyocera Group CSR Guidelines.

More info

We take our responsibility to climate change mitigation very seriously and are careful in our use of resources. Sustainable management has always been an integral part of our corporate culture. We do this by complying with strict regulations, integrating environmental protection into the entire value chain, offering products and services that enable our customers to achieve their environmental goals, and promoting awareness of environmental issues among our colleagues.

OUR AMBITION:
SUSTAINABILITY AS A TRANSFORMATIVE CHALLENGE

Decisive entrepreneurial commitment is needed on the path to a sustainable future. As a company, we are committed to the United Nations (UN) Sustainable Development Goals (SDGs), which the UN member states have agreed to uphold as part of the 2030 Agenda.

Through our commitment to climate change mitigation, we are making our own possible contribution to achieving the goals of the 2030 Agenda and the Paris Climate Agreement.

In this context, we constantly question ourselves and set ambitious goals. Modern technologies will open up even more opportunities for us to conserve resources in the future. As an experienced developer of eco-conscious processes and digital solutions for SMEs, we want to make our contribution to countering man-made climate change and to continue to lead the field in our industry.

OUR JOURNEY:
BECOMING MORE SUSTAINABLE TOGETHER

We set high expectations of ourselves when it comes to environmental management. By maintaining and continuously developing our environmental management system in accordance with ISO 14001, we are committed to improving our environmental and energy performance on an ongoing basis and to avoiding environmental pollution. This includes compliance with statutory environmental requirements and additional climate protection measures.

Our activities to protect the environment encompass products and services as well as the infrastructure within the company Using resources sparingly and managing environmentally relevant processes share the overriding goal of maintaining a continuous and sustainable improvement process across the entire company to reduce unavoidable impacts in order to preserve our environment for current and future generations.

WE HAVE FORMULATED SPECIFIC OBJECTIVES IN ORDER TO PURSUE THIS OVERARCHING GOAL SYSTEMATICALLY AND SUCCESSFULLY:

Eco-friendly products/hardware

Resource-efficient service & software solutions

Eco-conscious company

Eco-friendly packaging

Social projects

Our environmental management system meets all the requirements of ISO 14001.

ECO-FRIENDLY PRODUCTS
HARDWARE

Our systems are geared for our customers towards the sustainable use of resources down to the last detail – from packaging to recycling.

ENERGY STAR

The US Environmental Protection Agency launched the "Energy Star" energy-saving programme in 1992. Revised and stricter requirements have been in force since 2020 (Energy Star 3.0). In recent years, the programme has resulted in significant progress being made in minimising the energy consumption of printing, fax and copying systems. The values of almost all our products were calculated in accordance with Energy Star 3.0. The energy consumption of the corresponding system therefore meets all the requirements of the applicable energy-saving programmes in the USA and the EU in idle mode. Further energy can be saved by using the installed timer or by deliberately switching off an appliance after work or at the weekend.

REACH

The European Chemicals Regulation REACH regulates the registration, evaluation, restriction and authorisation of chemicals. We ensure that our machines comply with the latest REACH standards and do not contain any substances that are classified as hazardous. We pre-register or register all the substances relevant to our products based on the information available to us.

ROHS

We keep the proportion of environmentally hazardous substances in our appliances as low as possible. We therefore comply with the RoHS Directive 2011/65/EU or the Electrical and Electronic Equipment Substances Ordinance and have a CE marking as well as an RoHS conformity document.

BLUE ANGEL

The German Institute for Quality Assurance and Labelling (RAL) has been awarding the Blue Angel eco-label since 1978. The Federal Ministry for the Environment is one of the bodies involved in the award procedure. Almost all of our systems meet the requirements of the Blue Angel in its current form and, in some cases, significantly exceed the specified emission limits - in terms of ozone and dust as well as styrene emissions. The test results are documented accordingly in our machines' environmental data sheets.

BLAUER ENGEL
DAS UMWELTZEICHEN

www.blauer-engel.de/uz219
• geringer Energieverbrauch
• emissions- und lärmarm
• langlebig

The following requirements must be met before a Blue Angel certification can be awarded:
• Recyclable design
• Material requirements (housing plastics, housing parts, printed circuit boards)
• Printer paper (systems must be able to handle recycled paper)
• Double-sided copying and printing
• Systems must be safe to repair (spare parts supply, necessary infrastructure must be ensured for at least five years)
• A system take-back scheme must be in place
• Packaging
• Recyclable design and re-use of toner containers
• Take-back and recycling of toner and waste toner containers
• Material emissions
• Energy/power consumption

LONG-LASTING COMPONENTS

- Our systems are extremely durable thanks to the use of our patented ceramic drum technology. This means fewer units need to be replaced and less resources are used in production, which can only be good for the environment.
- The serviceable components in our A3 systems are designed with a maintenance cycle of 600,000 pages when used properly, so they rarely need to be replaced.

- Platform strategy and modular product system: All TA product families are developed on the basis of a uniform system platform. For example, many A4 MFPs use the same printer platform as A4 printers in the same range, which means they use the same system extensions and the same consumables.

INTELLIGENT PAPER AND CONSUMPTION MANAGEMENT

Our systems can handle all normal and recycled types of paper that comply with the quality standard DIN 12281, called "Paper for copying purposes". All the current machines print on both sides as standard – an important contribution to environmental protection. All KX printer drivers on our systems offer various print output options that make it easy and convenient to control the output quality of the printouts.

The environmentally friendly ECO Print function can save a significant amount of toner compared to a standard printout. This feature is particularly recommended for drafts or documents destined for internal communication for which a lower output quality will suffice.

In addition, customers have the option of being supplied with consumables on a fully automated basis through our IOM (Intelligent Order Management). The times at which a toner unit will be expected to run out or when a reorder will be required are continuously calculated based on the specific use of a system. This minimises storage and the associated risk of toner drying out, and is both cost-effective and environmentally friendly.

ECO-FRIENDLY TONER

Our toners have been designed to meet the specific requirements of our systems. Approved laboratories have proven using the AMES test that the product is completely harmless when used properly. The results are recorded in the corresponding safety datasheets.

Other environmental benefits that apply to a large number of the systems:

- A closed toner system means users can avoid touching the toner directly.
- The toner lock ensures that the cartridges cannot be replaced until they are empty.
- Packaging waste is reduced because only the cartridge itself is replaced.
- High toner capacity: the toner cartridges we have developed for use in our TA systems have a very high capacity and therefore need to be replaced less frequently throughout the service life of our systems.
- Our new generation of MFPs also use a new toner technology. In these, the heating element only needs to be heated up to 120°C, 20°C less than before. The toner's lifespan has also been lengthened and is increasing in the higher performance segment. The longer lifespan of TA Triumph-Adler toner enables increased productivity, as the cartridges will need to be replaced less frequently. The new toner technology will be successively rolled out to the next product generations in DIN A4 and A3.
- Toner and drum are separate items in all our systems and can be replaced separately depending on usage.
- The empty black toner cartridge is also a toner waste container in many of our DIN A3 systems. This has the advantage of using less plastic over the lifetime of the system, as fewer toner waste containers are needed and the empty toner cartridge can be used when replacing the full toner waste container.

TAKE-BACK AND RECYCLING OF TONER

- Toners are consumables, which is why the cartridges also need to be replaced regularly. In some models, the drum unit is replaced in addition to the powder (disposable drum unit). "Semi-permanent" drum units are not built into the cartridge and are replaced separately.
- Furthermore, manufacturers are obliged to take back toner cartridges and dispose of them.

Toner cycle with TA Triumph-Adler:

By working with our recycling partner LPR, we have established a take-back chain for toner cartridges that protects the environment and is free of charge. The principle is simple: the customer registers at the portal www.takeback.eu and orders an empty box, which is delivered by LPR. The customer gathers up their spent consumables in the box. Once the box is full, the customer goes back to the portal and orders a new empty box. LPR will collect the full boxes and deliver the new empty boxes within a fixed period of time.

Full boxes are forwarded to a recycling factory. There, the empty toner cartridges are shredded and processed into plastic granulate. Almost 100% of this granulate can be fed back into the production cycle.

LOW NOISE LEVEL

Copiers, printers and fax machines are often located in the immediate vicinity of the user. This makes it all the more important to keep their noise emissions to a minimum. Our systems come with a "stand-by" or "sleep" mode as standard, both of which reduce noise levels in quiet mode to almost zero. Even during operation, the noise level of our systems is below the specified limit.

GS MARK

All our products bear the GS mark (Geprüfte Sicherheit, meaning "tested safety"). This voluntary commitment offers our customers increased safety.

RECYCLING

Our business unit for specialist trade distribution – UTAX – is one of the founders of ear (Stiftung elektro-altgeräte register), which coordinates the free disposal of electronic waste by manufacturers. TA Triumph-Adler GmbH itself is registered with ear. Proper recycling of our systems is therefore a matter of course for us.

Background: In accordance with EU Directive 2012/19/EU (producer take-back obligation), the Electrical and Electronic Equipment Act (ElektroG) regulates "the placing on the market, the take-back and the environmentally friendly disposal of electrical and electronic equipment" in Germany. The most important principle: Consumers can return their old electrical and electronic equipment free of charge to public collection points, and manufacturers are obliged to take back and dispose of this equipment in an environmentally friendly manner.
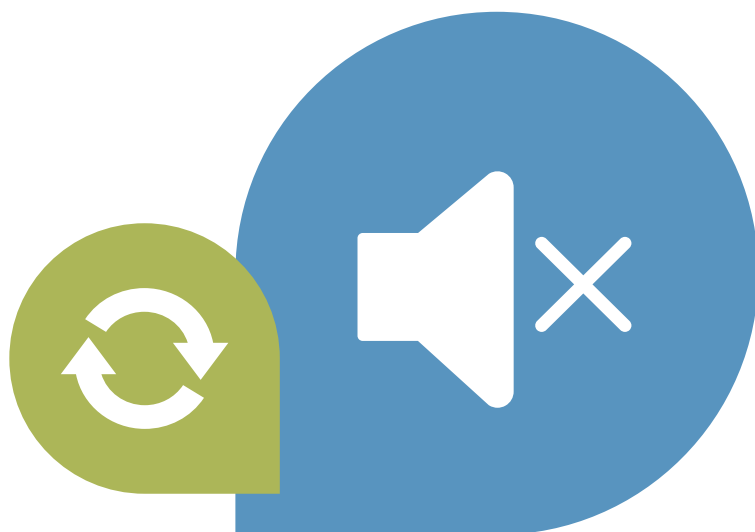
EXCELLENT TECHNOLOGY IN PRODUCTION PRINTING

Kyocera's printhead maintenance technology, which uses a cleaning solution supply system and is integrated into the TA Pro 15050c, our commercial inkjet printer, was awarded the 70th "Industrial Technology Award", which was sponsored by the Osaka Industrial Research Association. The Industrial Technology Award is presented to companies that are members of the Osaka Industrial Research Association. The aim of the award is to promote science and technology and to support young researchers and engineers who have made a significant contribution to industrialisation.

In order to maintain the output quality of inkjet printers, the surface of the print head must remain dry and ink and dirt must be removed to keep the printer clean. Kyocera technology uses a unique cleaning solution that dissolves dried ink. It is applied to the head and directed to the blade by a special nozzle and is effective at removing dirt from the blade. We have also been able to integrate a cleaning system that uses a solution to finish cleaning the blade.

The TA Pro 15050c can print up to 60 million A4 pages without maintenance (based on print head life).

Drawing on the durable technology Kyocera has developed over many years in office printers and multifunction devices, Kyocera has therefore brought to market an environmentally friendly inkjet printer that requires fewer spare parts.

Low carbon footprint:
- Innovative water-based ink
- Low electricity consumption
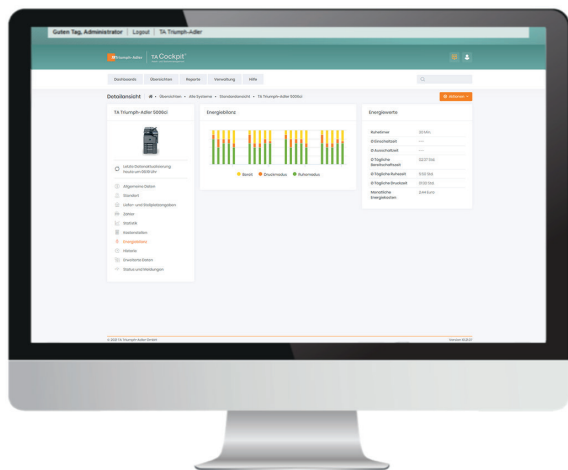- Long-lasting components

RESOURCE-EFFICIENT SERVICE & SOFTWARE SOLUTIONS

Our software solutions not only optimise processes and save costs, they also help to conserve resources.

TA COCKPIT® GREEN

Our fleet management and monitoring solution for printing and copying systems offers the "Energy Manager" for analysing and optimising energy saving potentials by creating energy profiles based on actual operating modes. The automatic configuration of the switch-on and switch-off time as well as the settings of the energy-saving timer can reduce power consumption and cut CO_2 emissions. The Energy Manager also calculates the carbon footprint and energy consumption of the systems.

aQrate

TA Triumph-Adler's aQrate software solution enables scanning, copying and printing processes to be monitored and controlled more efficiently across the entire company. The Follow2Print solution also saves significant amounts of paper and toner,

- because uncollected print jobs can be deleted automatically every night, for example.
- A special "environmental report" details the corresponding energy savings (in the form of CO_2 values and kilowatt hours, among other things).
- Certain print jobs, e.g. from email programmes, can be automatically printed double-sided or in black and white instead of colour ink.
- Colour printouts can be restricted to certain users only.

TA RELIFE

TA Triumph-Adler takes back printers, copiers, MFPs and fax machines, such as those from expiring leasing contracts, and carries out a quality-assured overhaul and repair. The systems are then offered as a cost-effective alternative to new products. This also reduces the amount of electronics waste.

ECM AND DMS SOLUTIONS

Our solutions for digital office DMS (Document Management Systems) and ECM (Enterprise Content Management) not only make day-to-day work easier by streamlining workflows for all types of documents, but also make a major contribution to cutting down on printing processes and thus saving resources.

CARBON-NEUTRAL PRINTING AND OPERATION

We offer customers the opportunity to make their systems carbon-neutral. Carbon-neutral printing includes the CO_2 emissions for printing, copying, faxing and scanning. The CO_2 emissions generated by the use of the printing systems (electricity, toner, paper) are also included in the calculation. If desired, the CO_2 emissions of the production of the appliance can also be taken into account.

For more info on carbon-neutral printing, click here.

Any amounts raised through carbon offsetting are invested in one of the climate protection projects selected by TA Triumph-Adler. All these projects have been awarded the Gold Standard – an independent quality standard that takes into account not only reductions in CO_2 emissions but also improvements in the living conditions of local people.

In return, customers receive a certificate with the "carbon-neutral" label from our partner ClimatePartner.

Klimaneutral
Drucken
ClimatePartner.com/12591-2108-1001

FLEET AND DEPLOYMENT MANAGEMENT

Responsible fuel consumption is a matter of priority for our company fleet of vehicles. When purchasing a vehicle, for example, we ensure that the engine limits are clearly defined, that fuel consumption is kept to a minimum and that the latest technology is used. What's more, our technicians are deployed using optimised routes and resources thanks to an automated logistics system. And best of all, our remote services even remove the need for some journeys all together.

ECO-FRIENDLY PAPER

Our paper is sustainably produced in Portugal and FSC-certified. Two TA employees went on a site visit to see what the advantages of this type of production are.

REMOTE SERVICE

We use remote services to help you save time and unnecessary effort, and thereby conserve valuable resources, when dealing with any problems that might occur. You can request our Life Support over the telephone or online. Our service technicians use tools such as Teamviewer and TA Cockpit® to resolve a wide range if faults. High-security remote access can also be offered through the use of genubox.

These are all forms of remote service.

AUGMENTED REALITY GLASSES IN PRODUCTION PRINTING

We offer a very special and innovative form of remote support for the TA Pro 15050c, our digital printing system for production printing. This is because we not only train Powerusers in our customers companies to maintain the systems, but also equip them with augmented reality glasses. If a more significant problem rises, these glasses make it easy to connect to a TA employee, who will provide support using visual and audible instructions in real time.

ECO-CONSCIOUS COMPANY

From the design of our premises to the innovative packaging material, we attach great importance to the maximum possible sustainability, right down to the smallest detail.

ISO STANDARD

The ISO 14001 standard lays the foundation for establishing, implementing, monitoring and further developing environmental management systems. In doing so, it also defines the corresponding requirements that the certified organisations must fulfil. Its overall objective is to promote environmental protection and reduce environmental pollution. ISO 14001 also provides the basis for certifying environmental management systems. Our products are also manufactured in factories that are certified to ISO 9001 and 14001.

ECO-DESIGN GUIDELINES

We would be happy to provide you with a general overview of the standby performance of products in network mode in the context of the Ecodesign Regulation.

This regulation can be found here:

Download

ECOLOGICALLY AWARE PARTNERS

TA Triumph-Adler is committed to working with partners who also have environmental and energy-friendly practices among their core values. We also set great store by suppliers meeting our criteria.

BATTERIE TAKE-BACK

TA Triumph-Adler has been a partner of the GRS battery take-back system since 2010. Our involvement in this scheme enables us to be sure that batteries or disposed of professionally and appropriately.

We are certified!

Qualitätsmanagement
ISO 9001
www.dekra-siegel.de
DEKRA zertifiziert

Umweltmanagement
ISO 14001
www.dekra-siegel.de
DEKRA zertifiziert

Informationssicherheitsmanagement
ISO/IEC 27001
www.dekra-siegel.de
DEKRA zertifiziert

TA TRIUMPH-ADLER OFFICES

In our new headquarters in Hamburg we have set new standards for all our office premises in Germany and focused on ensuring maximum sustainability in every detail. These standards will now be rolled out successively to all our office premises in Germany.

- In terms of furnishing and design, for example, we opted for energy-saving lighting concepts, sustainably produced office furniture and the use of sustainable materials (for example, carpeting made from recycled materials).

- We have made the operation of the multifunctional systems in our offices carbon-neutral via carbon offsets, through which we are supporting a project dedicated to the reforestation of Germany's woodlands.

- We also use our resource-saving tools such as TA Cockpit® and aQrate in our premises.

- We have installed water dispensers fed by tap water in all our offices in Germany. Colleagues uses these dispensers with refillable glass bottles. This helps us prevent plastic waste and transport for water deliveries.

- Establishing digital workplaces and introducing new work concepts with remote working enables us to cut down the amount of travelling our colleagues do. We also offer them eco-friendly mobility options such as carsharing and bike leasing at discounted prices.

ECO-FRIENDLY PACKAGING

Avoid padding materials in packaging, promote recycling and reuse materials: this strategy maximises the eco-friendliness of our packaging.

A special folding technique enables us to pack our appliances without any padding material, so we can dispense completely with polystyrene, for example. All the materials we use are recyclable, as are our transport pallets, which are primarily made of cardboard. Needless to say, we take all the packaging back with us after delivering the appliance and use it again.

Kyocera won the WorldStar Award 2020 in the electronics category, which is awarded by the World Packaging Organization (WPO), for the "Easy disassemble and space saving packaging" for individual components of multifunction devices. This is an internationally respected product packaging competition that evaluates criteria such as the environmental compatibility, cost-effectiveness and originality of packaging materials and awards the WorldStar for outstanding products. Kyocera has already earned this award a total of nine times.

"Easy disassemble and space saving packaging" is a cardboard packaging for the fuser unit that contains an inner cardboard box for storage inside the outer cardboard box, which provides impact resistance during transport. The newly designed compact inner case can reduce storage space and the amount of work involved in handling. In addition, the easy-to-dismantle padding materials, which can be manipulated with a single handle, help to increase work efficiency.

Kyocera also won the "Japan Packaging Contest" in June 2019 for this packaging design.

This packaging for products was designed and developed by Kyocera itself. Ongoing efforts are being made to further reduce the use of packaging materials and paper pads with the aim of protecting the environment.

KYOCERA
Document Solutions

WPO
WORLDSTAR FOR PACKAGING
WORLD PACKAGING ORGANISATION

WORLDSTAR
WINNER 2022

SOCIAL PROJECTS

It goes without saying that we abide by employment and social standards in public ICT procurement. Through our foundation, Triumph für Kinder (lit. "Triumph for Children"), we have been supporting children in need since 1996 to give them positive experiences and with them little "triumphs".

Poverty is multi-layered and not only material in nature. Even young children can sense that they are socially disadvantaged and excluded from the world around them. This is also apparent in kindergartens and schools. However, those who do not have the opportunity to receive an adequate education as a child will find it difficult to escape poverty as an adult. Our foundation therefore focuses on addressing the issue of early childhood education.

SUPPORTED PROJECTS

Working from our headquarters in Nuremberg, **TRIUMPH FÜR KINDER** supports a project in which teaching mentors use their knowledge, free time and expertise to support children who are growing up in "educational need". This also gives refugee children, children in disadvantaged neighbourhoods and children in support centres better opportunities for education and employment.

We also started supporting the **KULTURFREUNDE (Friends of Culture)** initiative in Nuremberg in 2018. The more than 30 volunteers involved in the initiative are committed to imparting cultural values to kindergarten children. They accompany the children to museums, the theatre and concerts or take children and their parents on a voyage of discovery through Nuremberg's old town.

We have a long-standing support partnership with the **BÜNDNIS FÜR FAMILIE** (lit. Family Alliance) initiative in Nuremberg. It focuses on family centres, which are day care centres that combine looking after and educating children with support services for families, with an emphasis on early childhood education.

The TA Foundation also works with the **ARBEITS-PROGRAMM GEGEN KINDERARMUT** (Work Programme against Child Poverty). This initiative run by the city of Nuremberg gives disadvantaged children access to healthcare, school education, sports and a social life.

Projects in Nuremberg
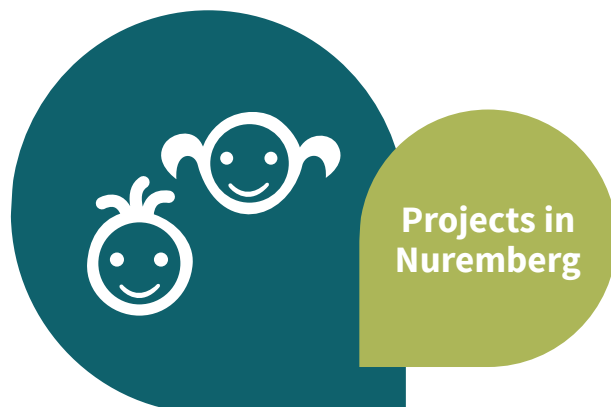
Would you like to find out more?

Then please feel free to contact us at:

triumph-adler.com/contact

LINKS

Thema	Link
Carbon-neutral printing	triumph-adler.com/ta-en-de/environment/carbon-neutral-printing
Contact TA Triumph-Adler	triumph-adler.com/ta-en-de/contact
Kyocera CSR Guidelines	global.kyocera.com/sustainability/kyocera_group/csr.html
Eco-design guidelines	triumph-adler.com/ta-en-de/environment
Remote service	triumph-adler.com/ta-en-de/customer-service/live-support
Toner cycle	takeback.eu/select

TA Triumph-Adler is a long-standing German company with a rich tradition that has successfully made the leap from the age of the typewriter to the digital era. Today, the company is known for innovation and intelligent concepts for the workplace of the future.

TA Triumph-Adler offers sophisticated products that enable companies to automate their document and information management and to position themselves competitively.

TA Triumph-Adler products and services are offered in more than 20 countries around the world.

02/2023

TA Triumph-Adler
The Document Business
A KYOCERA GROUP COMPANY