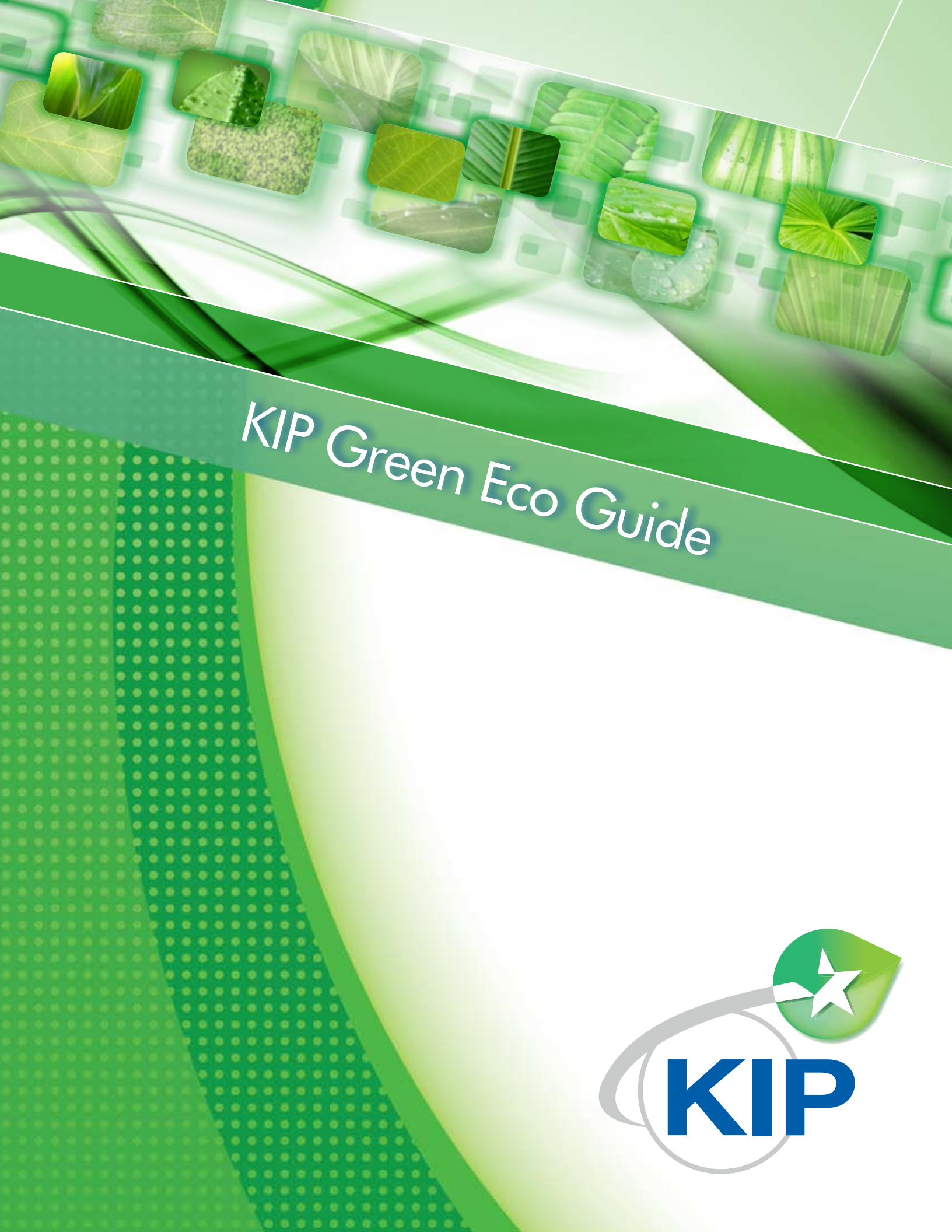

KIP Green Eco Guide
KIP

The Color of KIP IS GREEN

LEARN MORE

KIP is committed to product designs that promote environmental health and sustainability. Our goal is to consistently improve and refine the technologies in KIP products that keep our planet green.

ENVIRONMENTAL RESPONSIBILITY

RoHS Compliant

HDP plus

KIP DEVELOPMENT AND PRODUCTION

All KIP systems are developed and manufactured with the objective of continually reducing environmental impact at all stages of the product lifecycle. KIP's overall goal is to minimize CO_2 emissions, the pollution of air and water and the energy consumption of our products, production facilities and transport. During product development, KIP determines specific environmental standards and only releases products that surpass these standards.

KIP's Research & Development places particular focus on:

- Energy saving design
- Recyclable design and components
- Compact and reliable construction for extended product life

LOW EMISSIONS - HIGH EFFICIENCY

- KIP designs products to have ultra low ozone, noise, and dust emissions.
- KIP products all use a variety of sleep modes and power usage timers to reduce power consumption.
- During operation, the power consumption of KIP products is one of the lowest in the industry thanks to efficiency in design.
- KIP's manufacturing processes have reduced electricity consumption by 33%, all while increasing productivity.

REDUCE WASTE

- Patented KIP HDP technology produces no waste toner, no waste receptacles or the disposal of unusable by-products.
- KIP uses no metallic based developers or rare earth magnets in our eco-friendly print process.
- Automatic roll selection, image rotation, and "clip to image size" software features reduce media waste.
- Intelligent and user friendly software ensures that images are printed correctly the first time, minimizing waste.

REUSE & RECYCLE

- Polypropylene KIP toner cartridges are easily recycled.
- Recycled paper can be utilized without impacting image quality or reliability.
- Product packaging uses recyclable materials and materials that have less impact on our ecosystem.
- Air filled cushions or recycled shredded paper is used instead of foam chips or petro based packing products.
- KIP products can be remanufactured and over 97% of each systems parts can be recycled to reduce landfill.

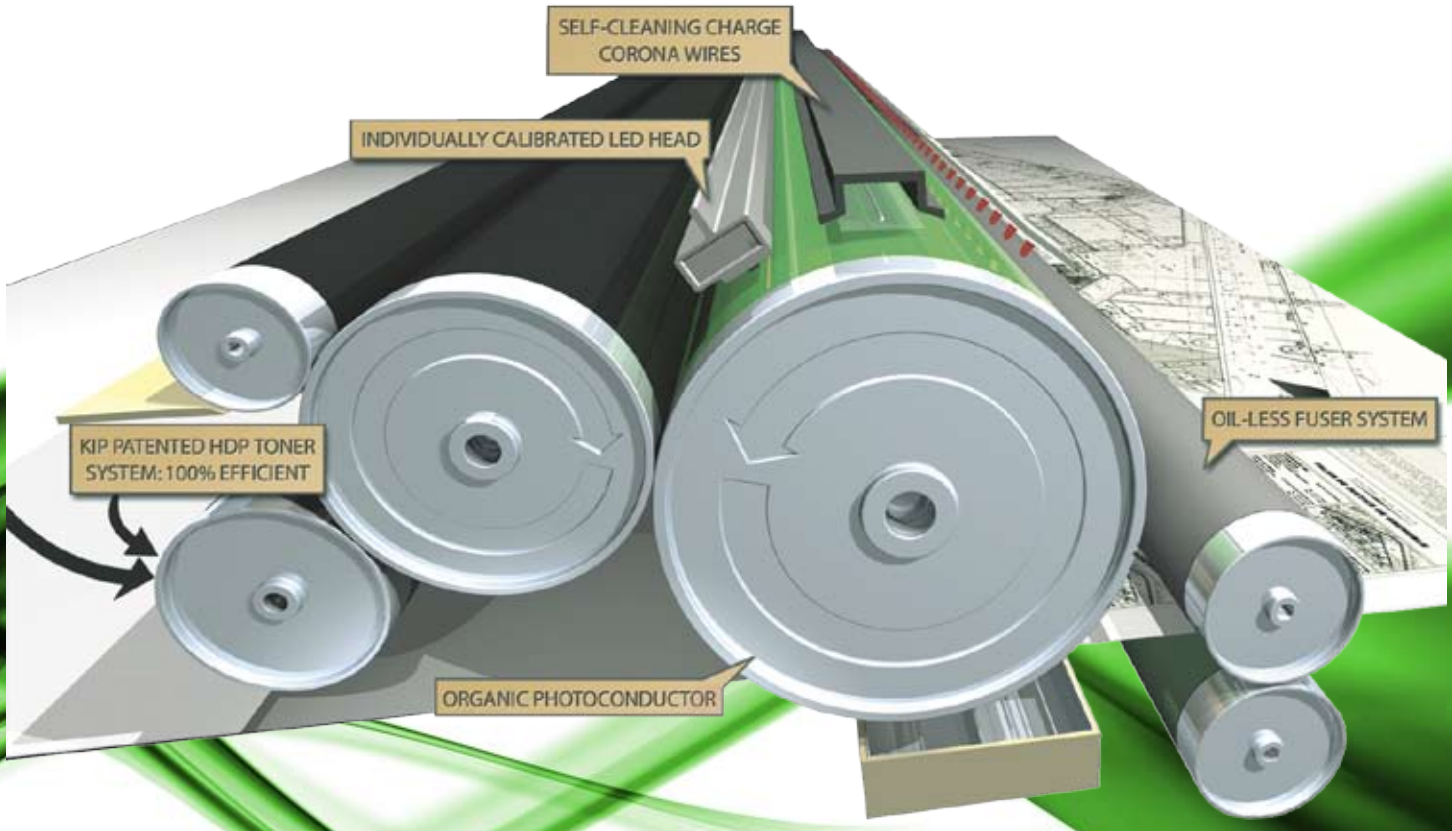
SPACE SAVING - UPGRADABLE DESIGNS

- KIP systems use a modular, compact design to reduce the overall spatial footprint.
- KIP system upgrades include electronic keycodes without incurring additional transportation, packaging, and handling.

HIGH DEFINITION PRINT (HDP) TECHNOLOGY - 100% TONER EFFICIENCY

KIP black & white systems are 100% toner efficient, greatly reducing the cost of printing and returning outstanding value and industry leading low cost of ownership. Zero waste toner and the lack of conventional cleaning systems result in lower toner consumption. KIP systems also do not employ carriers, developers or waste receptacles that require disposal and replacement. The elimination of waste toner means no toner in landfills and a cleaner environment.

In addition, KIP HDP technology employs fewer parts than conventional photoconductive systems, resulting in greater intervals between service calls.



INDUCTION HEATING (IH) FUSING TECHNOLOGY

KIP utilizes induction heating technology to create an energy-efficient fusing unit. Without this technology, the standby temperature must be kept high to enable a short warm-up period to the required fusing temperature. However, this would consume a significant amount of energy in standby mode.

Warming up the fusing unit by applying induction heating remarkably reduces energy consumption. The required temperature is reached much faster and can be controlled precisely, resulting in minimized energy loss. The short warm-up time enabled by KIP technology lets users take maximum advantage of power-saving modes.

LOW TEC (TYPICAL ELECTRICITY CONSUMPTION) VALUE

With every new product development, KIP strives not just to comply with the latest environmental regulations but also to remain below the recommended values. An important criterion is the TEC value, which is the basis for the Energy Star certificate. The TEC value represents an electrical product's typical electricity consumption within one week, based on average use.

REDUCED ENERGY CONSUMPTION

KIP is committed to product designs that promote environmental health and sustainability. Our goal is to consistently improve and refine the technologies in KIP products that keep our planet green. The award winning printing and imaging technologies found within KIP systems are carefully designed to require minimal electrical consumption during operation. The consumption of energy during idle times has also been reduced, lowering overall ownership costs and maintaining the smallest possible environmental footprint.

OPTIMAL POWER CONTROL

All KIP systems have power saving modes to reduce the energy consumption during idle phases. Power save modes start automatically after the programmed time. In addition, KIP systems restart automatically as soon as a user operates the system touchscreen or a print job comes in.

OPTIMIZED REPLACEMENT CYCLES

KIP products feature separate, individual replacement parts for most models. This significantly extends the life of components and optimizes their replacement cycle. On many competitive systems, whole imaging units have to be replaced when the drum unit reaches the end of its life, even if the developing unit was still usable.

Having a separate drum unit and developing unit increases energy efficiency, helps save resources and reduces the cost of imaging considerably. Additionally, longer-life components increase product efficiency in terms of enhanced yields — more prints can be produced — and reduced service effort. While lowering printing costs as well, this also reduces the overall carbon footprint related to KIP products and services.

ENVIRONMENTAL CERTIFICATIONS

KIP's ongoing pursuit to meet global environmental standards does not stop with our endeavors for substantial reductions in CO_2, emissions. KIP complies with environmental laws and regulations throughout the world. Our efforts include the active use of recycled materials and restrictions of hazardous materials for our products.

ENERGY STAR

Products that meet certain standards can be registered as Energy star devices as part of an energy-saving program for office equipment. Implemented in 1995 through an agreement between the Japanese and US governments, the international program now expanded to include the participation of the EU, Canada, Australia, New Zealand, Taiwan, and other countries.

RoHS

The RoHS Directive (Restriction of use of Hazardous Substances) has been in effect in the European market since July 2006. KIP fully commits to RoHS and not only avoids the listed substances in RoHS designated products but has discontinued the use of these substances in all products.

FSC-CERTIFIED MEDIA

For all systems, KIP recommends print media certified by the FSC (Forest Stewardship Council) as an indication that paper manufacturers adhere to responsible forest management practices. These paper types only have a minimal environmental footprint in production but do not lack in terms of quality and reliability.

2-UP PRINTING FUNCTIONALITY

KIP software operators have the ability to produce half sized, 2-up prints with a single click. Images are graphically displayed side-by-side with automatic media selection based on the print dimensions of the original documents. Nested, half size images are efficiently produced on single sheets for subsequent cutting and distribution.

Nested printing reduces the overall production time for half sized jobs, ensuring maximum workflow efficiency. This powerful new feature supports the emerging industry trend toward increased half sized set production with minimal impact on the environment.

- Automatically selects roll size and calculates proper cut length
- Accommodates the increasing requirement for half-size prints
- Print preview ensures proper image placement
- Reduces wasted paper and increases productivity

COMBINING PRINT AND COPY JOBS

Small print and copy jobs cause frequent reheating cycles that are in direct conflict with maximum energy efficiency. It is therefore advantageous to collect print and copy jobs in personal user mail boxes. When convenient, the stored jobs can easily be printed all at once. Another advantage is that all stored data has already been processed, preventing long idle times and periodic reheating between print jobs.

SHARE DOCUMENTS DIGITALLY

The most ecological way to share information and documents is the digital way. Instead of printing, almost all KIP products offer the functionality to scan documents and send them directly to multiple destinations — email, FTP, SMB. To prepare for a meeting, for example, the required documentation can be distributed by email. Participants can then decide for themselves if they prefer to print the documents or to view them on the screen.

EASY JOB PROGRAMMING

To facilitate using the wide range of eco-functions found in KIP systems, it is possible to preprogram them, integrating eco-friendly functionality into any print, copy & scan process. Preprogrammed features also facilitate the operation of KIP products for untrained users.

Job programming features add extra operational ease, letting users combine their frequently needed features in a single setting screen. Eco-friendly settings such as 2-up printing can be individually included. Virtually no operator training is necessary, and corporate environments benefit from the minimized learning curve.

TIMER FUNCTION

To avoid the inadvertent shutdown of a device, KIP's Low Power and Sleep Modes each have a timer setting that facilitates activating the system on a daily basis. For example, normal business days can be defined with an automatic start and shutdown time.

U.S.A. ■ Phone: (800) 252-6793 ■ Email: info@kipamerica.com ■ Website: www.kipamerica.com

CANADA ■ Phone: (800) 653-7552 ■ Email: info@kipcanada.com ■ Website: www.kipcanada.com