ColorWave 3800

BUILT FOR
EXCELLENCE

Canon

Delighting You Always

BUILT FOR EXCELLENCE

Create a wealth of wide format applications with ease.

Based on over 10 years of proven technology, the ColorWave 3800 inspires confidence with its convenient, hassle-free operation, high print quality and outstanding reliability, when each detail counts. The ColorWave 3800 is a flexible printing system that is ideal for both technical document and graphic arts print provid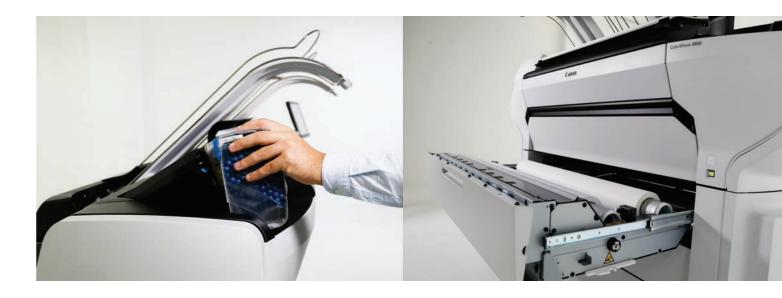ers. The ColorWave 3800 is full of smart, time-saving innovations that reduce misprints and costs. With automated roll switching, excellent workflow software and a full range of excellently tuned peripherals, the ColorWave 3800 is capable of producing a broad application range with minimal operator intervention. Sophisticated security features safeguard your data, not only today, but also in the future.

A JOY TO WORK WITH

The ColorWave 3800 offers hassle-free operation and high print quality in a convenient, cost-effective solution. The ColorWave 3800 printer is built for productivity: equipped with smart, time-saving innovations and easy-to-use functionalities that reduce misprints.

Easy to use, in every way

The ColorWave 3800 printers ensure you get your prints out quickly and worryfree. The ClearConnect software suite and user interface helps you manage complex jobs with ease, and ensures first-time-right printing. Submit jobs easily via the Publisher Select application, with automatic What You See Is What You Print previews that keep misprints to a minimum. Driver Select, the wide format printer driver for Windows further reduces errors and gives you first-timeright results, with its clear and easy-to-use functionalities. With Driver Express, you can print PostScript files in Mac and Windows environments.

The ColorWave 3800 offers 'green-button printing'. The smart, automated print settings require minimal operator intervention to achieve excellent output to meet your highest expectations. The Print Assistant automatically suggests the right print mode for your job. Media requirements are detected automatically and the printer switches directly to the right roll. When scanning or copying, the Image Logic scanning technology turns damaged or folded originals into accurate, high-quality scans and copies.

Fits your workflow like a glove

With the ColorWave 3800, you are assured of industry-standard security compliance. The secure POWERsync controller which runs on Windows 10 IoT OS, allows for convenient and fast job processing, and its open architecture enables integration with a variety of print management applications.

The ColorWave 3800 offers productivity levels you can depend on. The powerful and reliable POWERsync controller provides lightning-fast job submission, and enables you to use the submission software, drivers and control software that fit the way you work. The system is ideally suited to handle peak volumes when the pressure is on.

Ergonomic ease of use

The ColorWave 3800 increases productivity with its simple and convenient roll loading method, automated roll switching, automatic roll width detection and easy paper feeding. The rotatable user interface means you can always operate the printer from the most convenient position that suits you. Collect your prints from the top delivery tray or your preferred finishing device.

POWERsync   ClearConnect   Image Logic

THE FLEXIBLE CHOICE

A wealth of applications

The ColorWave 3800 can print on a broad range of media, offering an extensive variety of applications: from high-quality technical documents, to full-colour graphics. With a media capacity of up to 6 rolls, the ColorWave 3800 enables productively mix applications and runs very large jobs without interruption. It also offers MediaSense technology that automatically adjusts the gap between imaging devices and media, for high-quality output without manual adjustments when printing on media of differing thicknesses. This gives you the ability to grow application volumes for a faster return on investment. The versatile CrystalPoint printing technology offers instant-dry prints with no feathering and excellent fine details on a variety of media types: from thin, uncoated, to thick poster media and even vinyl. The Onyx software helps you integrate your ColorWave 3800 printer easily into your graphic arts workflow.

Get the complete package

With the ColorWave 3800, you are investing in a system that supports your needs: whether you are printing monochrome or colour, this system does it all. Combined with its large 6-roll media capacity, the ColorWave 3800 produces Wide Format technical documents and graphic arts applications efficiently and with minimum operator intervention. If you need to scan and copy as well as print, the Image Logic scanning technology turns imperfect originals into perfect scans and copies. Boost scanning performance even further with the stand-alone, productive Scanner Professional. Tune your print-to-finish solution to your workflow preferences, with the Folder Express, Folder Professional and Stacker Select.

Ready to serve for you for many years to come

The ColorWave 3800 printers are built to last. These highly reliable systems offer excellent uptime and there is no daily maintenance required. As a true workhorse, the ColorWave 3800 uses durable parts with a long lifetime. The printer itself is built for robust, safe printing for years on end, using proven technologies. The Canon service organisation offers outstanding support based on decades of experience.

CONFIDENTLY MEETS YOUR HIGH STANDARDS

Highly reliable technology

The 5th generation ColorWave 3800 uses TonerPearls: a proven technology with over 15,000 installations worldwide. The TonerPearls are heated and then jetted onto the media with extreme precision. The multipass CrystalPoint print technology provides crisp, rock-solid print quality without feathering.

Whether you are looking to print a technical document, high-quality render, map or full-colour outdoor advertising banner, the ColorWave 3800 has the quality you need: sharp lines, high readability, fine details, and smooth and even area fills every time.

Thanks to the reliable multi-pass print technology, every single detail is printed accurately. The ColorWave 3800 offers the ability to print high-quality full colour representations.

Print on a wide range of media, even uncoated, and still get robust prints thanks to CrystalPoint. Prints are instant dry, robust and water resistant, without need for lamination.

The ColorWave 3800 offers PAINT technology which applies nozzle failure compensation on the fly, to avoid misprint and maintain high throughput. This ensures consistent print quality between the first and last print throughout the lifetime of your printer. MediaSense technology automatically adjusts the gap between its imaging devices and media, to ensure high-quality prints on a broad range of media.

SMARTshield protects your data in all phases of the print process. When the data is in transit, it is protected by secure, encrypted protocols. When at rest, your data is securely encrypted. As a printer is generally not used as a longterm data storage solution, deletion is made secure by data shredding and proper deleting protocols.

There is also the option to remove the hard disk when the printer is decommissioned, for complete security. Robust user authentication provides document security for users and activity control for budget managers. Hack prevention guards against malicious intrusion. All these security measures have been built for the long term: with software support, security updates and remote service.

Supporting a healthy environment, on all levels

Enjoy a healthy working environment thanks to CrystalPoint technology. The printing process emits no fine dust, ozone or odour, and the TonerPearls are nontoxic. Furthermore, the low sound levels produced by the ColorWave printer contributes to a comfortable work environment.

The ColorWave 3800 supports recycling initiatives, you can print on uncoated or recycled media and prints are also deinkable for better paper recycling. In our continued efforts to promote a circular economy, at the end of its life the ColorWave 3800 printers can be remanufactured and reused by Canon.

SMARTshield

MediaSense

PAINT

CrystalPoint

Canon
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