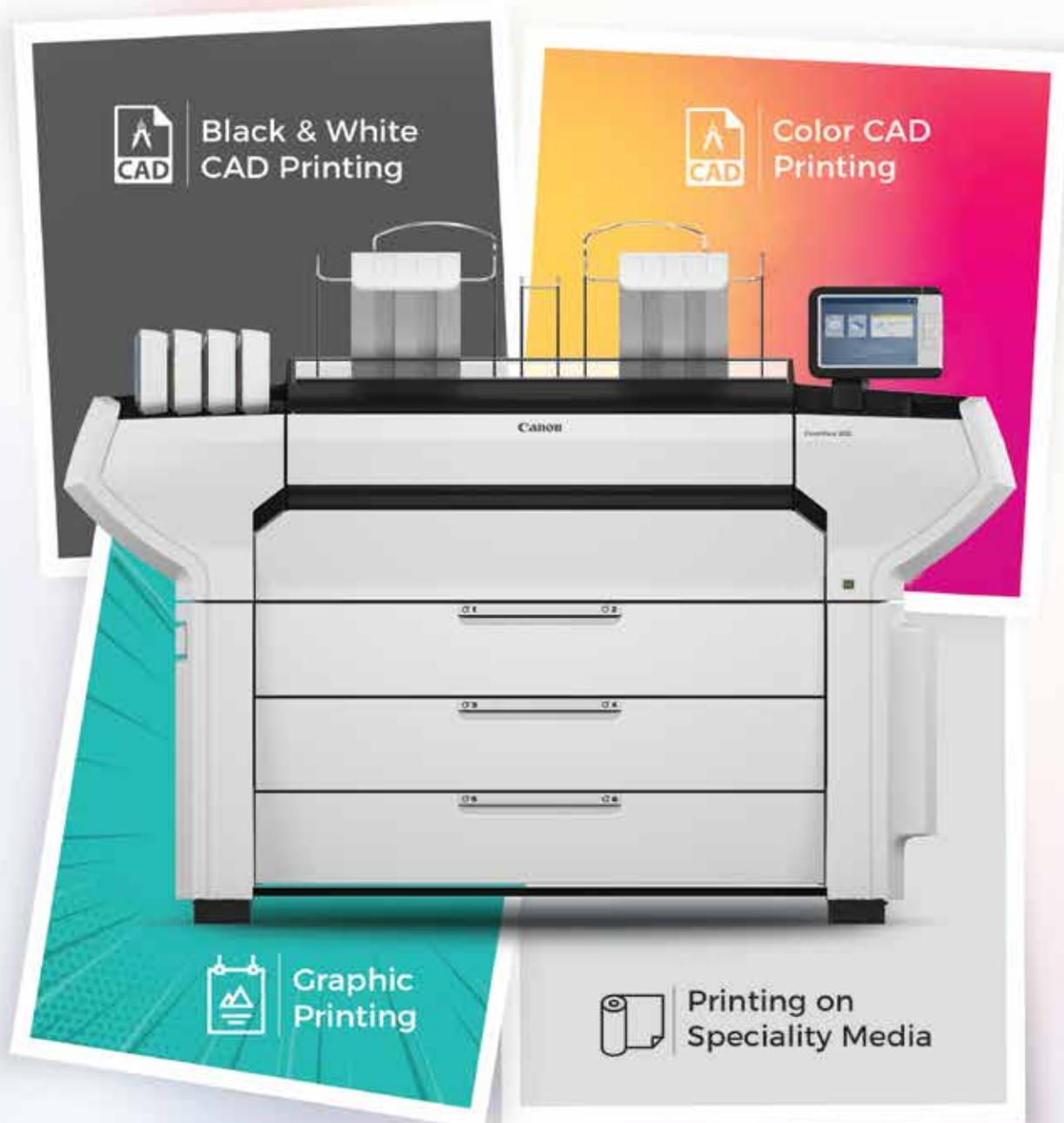


THE POWER OF FOUR PACKED IN ONE



ColorWave 3800

An all-rounder wide format color printer, the ColorWave 3800 is designed for Black & White and Color CAD, MAP/GIS, Event Banners, Graphic Prints, Fine Arts, Wallpapers and many more applications.

ColorWave 3800 offers outstanding print quality, instant dry and water-resistant prints on uncoated, thick and custom media.



Print Applications

And Supported Media Types

CAD PRINTING (B/W & COLOR)



BLACK & WHITE CAD

Uncoated Papers
Uncoated Tyvek
Polyester Films
Tracing Papers



COLOR CAD

Uncoated Papers
Uncoated Tyvek
Polyester Films
Vellum

GRAPHIC PRINTING



MAPS/GIS

Uncoated Papers
Uncoated Tyvek
Map Textiles



POSTERS

Uncoated Papers
Blueback Papers
Synthetic Glass Papers



INDOOR BANNERS

Polypropylene Films
Polyester Films
Light Block Films



EVENT BANNERS/ STANDEES

Coated Vinyl Banner Media
Uncoated Tyvek
Banner Fabric Media



SOFT SIGNAGES

Satin Woven Fabrics
Soft Banner Fabrics

PRINTING ON SPECIALTY MEDIA



DISPOSABLE POP

Uncoated Papers
Self-adhesive Papers
Self-adhesive Coated Vinyl
Uncoated Tyvek



ECONOMY BACKLIT

Backlit Papers
Translucent Films
Soft Banner Fabrics



FINE ART

Canvas Media
Embossed Papers
Soft Banners



WALLPAPERS

Uncoated Non-woven Fleece
Self-adhesive (Textile) Wallpapers
Non-Tearable PVC Wallpapers
Water Active Glue Wallpapers



COLORWAVE SPECIALIST

CrystalPoint Applications
eg.: Customized Gift Wrapping Papers,
Kraft Papers Used for Packaging,
Temporary Table Linen Using Soft
Banners, Tyvek for Medical Packaging,
Certificates, Wallets, Wrist Bands and
many more.

THE POWER OF
FOUR
PACKED IN
ONE

THE FLEXIBLE CHOICE



Create a wealth of large format applications with ease

Invest in a machine that supports you and grows with you. Whether it's about printing technical documents or graphic arts, or monochrome or color – ColorWave 3800 can handle it all, with extreme perfection. The Image Logic Scanning technology is capable of turning imperfect originals into perfect copies and scans. Combined with its large six-roll media capacity, this machine is efficient in producing large format CAD drawings or graphic applications, with minimal operator intervention.



Achieve high-quality output without the need for expensive media

Inkjet systems typically require coated substrates to optimize print quality, particularly with heavier coverage applications. And, when using media that is not coated, the coarse fibers in the media cause the ink to feather or run. This means either compromising print quality or using more expensive coated media. However, CrystalPoint Technology gives high quality output and is independent of media type, due to its inherent qualities of the solid toner technology.



Highly reliable technology supports wide range of media

Users who print only CAD/GIS and a very few graphic prints can expand application offerings to accommodate in newer segments with high-quality print applications on a large range of media from inexpensive and recycled bond to premium media such as semi-gloss, polypropylene, fabrics, wallpaper, and even vinyl. Since the gel is crystallized as soon as it hits the media, it dries instantly and becomes ready to use. This print technology does not need a heat application, specialized and exotic substrates.



Lower TCO by saving the cost of multiple systems and frequent replacements

ColorWave 3800 is designed to substitute multiple Inkjet & Toner Technology based Wide Format Printers. Its CrystalPoint Technology provides water-fast and direct dry prints, with added advantage of media independent quality. This technology has high accuracy of printing, system versatility, and cleanliness (no ozone or system contamination). The 'best of both worlds' design of this machine delivers high quality prints, productivity, and application versatility to save the cost of multiple systems.



Water-fast output requires no lamination

Output can be used in wet environments with no risk of smearing or information loss. Make notes on documents with markers without any smearing, and fold with no risk of fold-lines, resulting in information loss. Particularly when combined with tear-resistant media, documents are ideal for use in heavy-duty areas, like the oil industry and field maps for emergency situations.





Easy to use, in every way

The ColorWave 3800 Printers ensure you get your printouts quickly and worry-free. 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-time right 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.

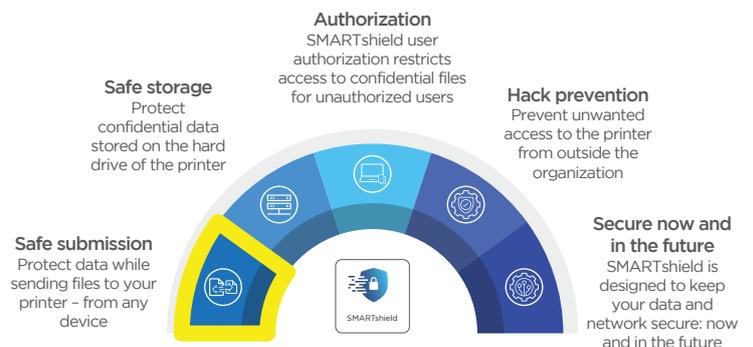
Ergonomic ease of use

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.

SMARTshield Protects Your Data

Your data is protected 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.

Since a printer is generally not used as a long-term 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. 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.



The Best of

Patented Technology

CrystalPoint Technology works on the principle of Solid In-Solid Out, for a clean system and no risk of air pollution.



TonerPearls

The TonerPearls can easily roll into the system. The TonerPearls come in see-through cartridges, so you can always see the remaining toner level per color in the system.



Toner Gel Jetting

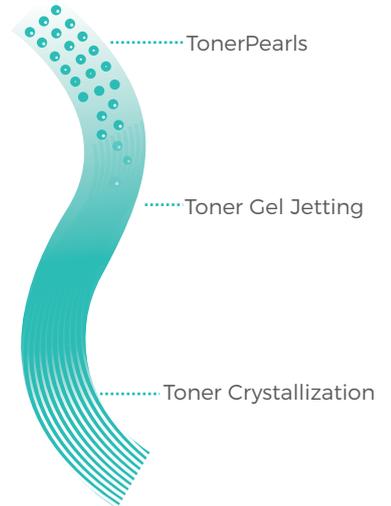
Once the TonerPearls are fed into the system, they are heated into a gel. This gel is then jetted into the media by the imaging devices. The gel droplets are positioned with extreme precision and maintain their shape even on recycled paper. This ensures crisp print quality with no feathering.



Toner Crystallization

The toner gel starts to crystallize on the media. After crystallization, the toner is extremely well bonded to the media; the robust prints dry immediately and are also perfectly suitable for short-term outdoor use.

Solid In



Solid Out

The best of toner and inkjet technology in an entirely sustainable process

Choosing between printing technologies is not easy, especially if printing needs include an extensive mix of applications: line and text prints, full-color photo prints and mixed sets of color and black & white. Should you opt for an LED toner printer, with superior media independence, no feathering and instant-dry prints? Or for an inkjet printer, clean and with highly accurate dot positioning on expensive coated media? With CrystalPoint Technology, the user can have the best of both worlds: crisp, high quality color and black & white prints, even on plain and recycled paper.



Toner

- No feathering
- Instant dry
- Water resistant
- Robust print quality



CrystalPoint

- No feathering
- Instant dry
- Water resistant
- Versatile in applications
- Highly accurate dot positioning
- Clean technology: No ozone, no powder
- Robust print quality



Inkjet

- Versatile in applications
- Highly accurate dot positioning
- Clean technology: No ozone, no powder

Specifications

TECHNOLOGY	
Toner Crystallization	CrystalPoint Technology. The printer contains 8 Imaging Devices, 2 for each color (CMYK). Clean toner refill system, no toner dust, no ozone emission
Automated Functions	<ul style="list-style-type: none"> · PAINT Technology (Piezo Acoustic Integrated Nozzle Technology) applies sophisticated diagnostics, maintenance and error corrections to overcome common nozzle issues that occur with conventional inkjet printers even while printing. · MediaSense Technology automatically adjusts the optimum print gap between the media and the Imaging Device for every type of media. This allows you to print on thicker media (up to 800 µm) · Automated print language recognition · Automated print mode selection (Print Assistant) · Automated media saving function · Automatically suggests the right print mode for your job ColorWave 3800 TonerPearls: Cyan, Magenta, Yellow and Black, 500g/cartridge
STANDARD SYSTEM CONFIGURATION	
4 Roll Printing/Copying/Scanning System	Productive Wide Format Color Printer with ClearConnect multi-touch panel
Applications	Color and B&W technical drawings, maps, unfolded and folded, POP/POS posters, graphic art applications like posters, wallpapers, banners, wrapping paper, fine art
Stacking Systems	Integrated Top Delivery Tray, 90 sheets capacity
Multi-touch User Interface	ClearConnect multi-touch user interface: Consistent look and feel from every angle of your workflow, includes Smart Inbox, SmartAccess, Printer Status and Live Preview
Roll Media Switching	Fully automated roll media switch to guide the media to the top delivery tray or back output depending on the user application
Workflow Software	ClearConnect print software suite: Drivers: Driver Select for Microsoft Windows, Driver Express for Adobe PostScript 3 Publishers: Publisher Select 3 for Microsoft Windows, Publisher Express for web browsers, Publisher Mobile for IOS and Android
Earthquake Provision	Secure the printer from moving or tilting during an earthquake. This provision enables the user to secure the printer to a sturdy element of the building (Excluding cable/chain and mounting material)
OPTIONAL SYSTEM CONFIGURATION	
Roll Media Capacity Upgrade	Additional 3 rd drawer to increase media capacity from 4 to 6 media rolls
Folding Systems	Folder Professional, productive full-fold folder with 150 folded packages delivery capacity. Folder Express, compact full-fold folder with 80 folded packages delivery capacity
PRODUCTIVITY	
Speed (Print and Copy)	4 A1/D-sizes per minute, 2 A0/E-sizes per minute, B&W CAD: 225 A1/D-sizes per hour (113 m2/hour), 129 A0/m2/E-sizes per hour (high speed mode) Color CAD: 212 A1/D-sizes per hour (106 m2/hour), 120 A0/m2/E-sizes per hour (high speed mode) - D size (34 x 22 in) / A1 size (841 x 594 mm), E size (44 x 34 in) / A0 size (1189x 841mm)
Print Modes	9 print modes, the Print Assistant automatically determines the best print mode based on the content, without the need for user intervention. Manual selection is possible.
QUALITY	
Print Resolution	600 x 600 dpi
Minimum Line Width (ISO/IEC 13660:2001E)	0.08 mm
SIZE AND WEIGHT	
Main Engine Size (WxDxH)	Compact design: 2100 x 875 x 1605 mm
Main Engine Weight	290 kg (standard configuration)

MEDIA	
Media Capacity	4 or 6 rolls
Media Cutting	Automatic
Media Size	Supports all sizes from 297-1067 mm, including standard sizes DIN, ANSI, ARCH
Media Weight	60-200 g/m ² , film: 2.5-8.0 mil
Media Thickness	800 µm, film: 65-200 µm
Roll Length	Up to 200m
Roll Width	297-1067 mm
Roll Core Diameter	3 in and 2 in cores (media on 2 in core to the external output, not to the Top Delivery Tray)
Minimum - Maximum Printed Length	210-200m
Roll Media Type	Uncoated papers, uncoated tyvek, self-adhesive papers, self-adhesive coated vinyls, blue back papers, textile types, polypropylene films, polyester films, light block films, canvas, soft banner, instant dry photo paper, coated & uncoated non-woven wall paper (fleece), backlit film, wall paper, several natural and synthetic textiles
Automatic Roll Media Handling	<ul style="list-style-type: none"> · Automatic width detection · Automatic roll media selection for optimized productivity and media saving · Automatic roll switching when end of roll is reached · MediaSense Technology: automatic media thickness measurement and printing height adjustment
USER INTERFACE	
Description	ClearConnect multi-touch user panel
Size (WxHxD)	300 x 220 x 40 mm
Technology & Resolution	Projective capacitive touch, 800 x 600 pixels (SVGA)
Operation	3 hard buttons: [Wake-up], [Stop, interrupt, abort], [Home] Multi-touch functions: tab, double tap, pinch, 2 finger pinch, swipe, flick and spread
Features	View optimization: Tilt (-4 to +45 degrees) and turn (-45 to +180 degrees) Status light (Red, Orange, Green)
CONTROLLER	
Description	High performance POWERSync controller with Windows 10 IoT LTSC, 64 bits
Processor	6 Core, 6 Thread, Core i5-8500 @4.10Ghz
Memory	8 GB DDR4
Video	Intel HD Graphics, 1GHz
Hard Disk	2x 500 GB, 7200 rpm (standard)
TPM	TPM 2.0
Client Operating System Support	<ul style="list-style-type: none"> · Driver Select: Windows 8, Windows 8 64 bits, Windows 8.1, Windows 8.1 64 bits, Windows 10, Windows 10 64 bits, Windows Server 2012 64 bits, Windows Server 2012 R2 64 bits, Windows Server 2016 64 bits, Windows Server 2019 64 bits; Citrix XenApp 7.15, Citrix Virtual Apps 7 1811.1, Microfocus Enterprise Server OES 2018 · Driver Express: Windows 8, Windows 8 64 bits, Windows 8.1, Windows 8.1 64 bits, Windows 10, Windows 10 64 bits, Windows Server 2012 64 bits, Windows Server 2012 R2 64 bits, Windows Server 2016 64 bits, Windows Server 2019 64 bits; MacOS 10.13/10.14/10.15 · Publisher Select: Driver Select: Windows 8, Windows 8 64 bits, Windows 8.1, Windows 8.1 64 bits, Windows 10, Windows 10 64 bits · Publisher Mobile: Android & iOS
Interface	2x Ethernet 100 Mbits/s, 1 Gbit/s TCP/IP: DHCP, IPv4, IPv6, HTTPS Discovery: APIPA, WS-Discovery, SNMP WAVE interface
Page Description Language	TIFF, JPEG, HPGL, HPGL2, C4, Calcomp 906/907/951, CALS, NIRS, NIFF
Page Description Language (Optional)	ColorWave 3800 PDF/APPE license provides access to Adobe PostScript 3 and PDF1.7. It enables the Adobe CPSI (Configurable PostScript Interpreter) and the APPE (Adobe PDF Print Engine) 4 components
Printing protocol	LPR, FTP, WebDav, WSD print
Back Channel Protocol	SNMP v3, Wave interface, WS-Discovery

Specifications

SECURITY	
Security Features	E-shredding, IPSec, IP filtering/Access Control Lists, HTTPS, SNMPv3, Audit Logging, AES256 Disk Encryption, 802.1x Authentication, Network Protocol Enable/Disable, LDAP Integration, Active Directory Integration, User Authentication on Local ClearConnect User Panel and via Express WebTools (LDAP/Active Directory Credentials, Smart Card) for scan/copy/print. Configure HTTPS Certificates. Allow disabling TLS1.0 and 1.1 protocols (no response to network scan) and enable TLS 1.2 with stronger cipher. Embedded FIPS 140-2 Certified Trusted Platform Module (TPM) and BitLocker 256 AES Hard Disk encryption. Hard Disk Wipe, Configurable CA Certificate, Disable Network Ports and Protocols, Security Event Logging, Single Sign-on. Options: Removable Hard Disk, McAfee Antivirus, McAfee Application Control (whitelisting).
Access Management	Help provide secure access to device by users keying in password on the ClearConnect multitouch operator panel or get access with a Smart Card by connecting a card reader (including contactless). Authorization is managed by using Active Directory.
Cloud Support	Unlimited user and/or administrator authenticates cloud support via WebDAV and/or third-party provider: e.g. Microsoft SharePoint, Dropbox, Box.com, box.net, Google Drive, Microsoft OneDrive and Amazon Cloud Drive. The cloud user authentication can either be preconfigured by the administrator or user at the time of accessing the specific cloud.
SCANNER EXPRESS IV	
Roll Media Switching	Fully automated roll media switch to guide the media to the top delivery tray or back output depending on the user application
Description	Integrated Contact Image Sensor (CIS) Color Scanner with Image Logic Technology
Scan Resolution	600 x 600 dpi
Scan Formats	TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF
Scan Templates	Extensive number of scan templates to standardize common scan settings and destinations
Scan Protocol	FTP, SMB, scan to cloud (push to WebDAV based clouds)
Scan Destination	Local USB flash drive, FTP, SMB, Smart Inbox on Controller, Optional Local Home Folder (LDAP), Mobile Device via Publisher Express, WebDAV Clouds
Original Width and Length	Width: 208-965 mm (automatic width detection), Length: 208-16000 mm (automatic length detection)
Effective Scan Width	932 mm
Original Thickness	Maximum 0.8 mm (non-rigid documents)
Zoom (Copy)	1:1, Scale to Media Size, Scale to Standard Format, Custom: 10-1000%
Original Type Presets	Blueprint, Colored Original, Dark Original, Folded Lines/Text, Lines/Text Standard, Lines/Text Draft, Photo, Map, Artwork
Scanner Size (WxDxH) and Weight	1097 x 308 x 140 mm, 25 kg
ENVIRONMENTAL	
Sound Power Level	Standby and sleep: 4.7 B(A) Print mode: 6.9 B(A)
Sound Pressure Level	Standby and sleep: 36 dB Print mode: 57 dB
Ozone Concentration	Zero
Heat Emission	Ready: 215 W; Active: 325 W
Operating Temperature	15-35°C (recommended: 20-27°C);
Operating Humidity	20-80% RH (recommended: 30-60% RH)
Power Requirements	100-240 V
Power Consumption	Sleep mode: <2.5 W, Ready mode: 215 W, Active mode: 325 W
Safety/ EMC Marks & Environmental Labels	CE, TÜV GS, CETECOM, c-UL-US, CB, RCM, FEMP, EPEAT, CCC, EAC, FCC Class A, VCCI Class A, RoHS, Greenguard Gold
Recyclables	Printer: Made of steel and highly recyclable plastics, min. 86% of the engine can either be upcycled or recycled. Toner: Cartridge packaging reused as maintenance cassette and made of recyclable plastic. Prints: very good deinkability when recycled

CLEARCONNECT WORKFLOW SOFTWARE	
Job Submission	ClearConnect print workflow software enables you to print in one go and efficiently create and submit print jobs safely from a variety of devices and sources. The ClearConnect Software Suite consists of a variety of applications with the same user interface. Create, retrieve and/or send jobs from: <ul style="list-style-type: none"> The Drivers (Driver Select for Microsoft Windows); easy-to-use printer drivers that allow you to effectively and efficiently print from any application. Publisher Select - Easily create, manage and submit complex sets of documents from your desktop - to one, or two printers at a time Publisher Mobile - Submit print jobs via your mobile phone app supporting iOS and Android Publisher Express - Easily submit your print jobs via the web independent of your web browser ClearConnect User Panel - Print, Copy or Scan is as easy as using a tablet with the multi-touch user panel. Pull up a document from your Smart Inbox, USB device or external locations. Zoom and pan to different areas - even preview live while scanning or copying to avoid errors.
Smart Inbox	Personalized Smart Inbox with history, manage queue, manage history, WebTools Express, secured controller access
Queue Management	Spool memory provides a queuing system for print and copy jobs. This enables multiple users to send print and copy jobs at the same time.
Mobile and Cloud	Print from and scan to the cloud application of your choice. With the help of mobile applications such as Publisher Mobile, the printer can be easily accessed and used from any location.
Device Management	WebTools Express provides administrators the tools to manage the device remotely via the web: e.g. check printer status, define default settings for print, copy and scan, define access, security, accounting, remote shutdown, software update and restart, power on/off timer, system behavior, queue management, license management, view, create, edit and delete stamp templates, etc.
FOLDER EXPRESS 3011	
Description	Integrated compact automated full-fold folder
Folding Speed	1-12 m/min
Folder Dimensions (WxDxH)	1780 x 860 x 1037-1253 mm
Delivery Capacity	80 A0/E size folded packages (80 g/m ²)
FOLDER PROFESSIONAL 6011/6013	
Description	Integrated productive full-fold folder with automated, manual folding and unfold output
Folding Speed	2.5-10 m/min (29 m/min with optional High Speed License)
Folder Dimensions (WxDxH)	1837 x 1634 x 1227 mm (6011) 2157 x 1634 x 1227 mm (6013)
Delivery Capacity (Standard Delivery Belt)	150 A0/E size folded packages (80 g/m ²)
Reinforcement (Tab Unit)	Folder Professional 6013 only

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Canon India

The Strength of Advanced Technology

Canon India is focused towards designing and manufacturing a wide range of advanced printing solutions that are known to improve information flow throughout the business journey. Our product range helps to improve productivity and reduce total cost of ownership. We have always been delighting our customers by ensuring to provide them with advanced technology and innovative solutions.

With our innovative approach and efforts to reduce the environmental pollution, we have been able to bring forward resource-conserving products that are compact, easy to recycle and comply with the environment. Certified by ISO 9001, ISO 14001 and OHSAS 18001, we have been able to maintain a steady growth while introducing distinctive digital imaging products since last 21 years.

Reasons to choose Canon India for acquiring printing solutions and workflow automation:

- Wide range of products for all kinds of business requirements
- Professional services
- Certified and trained support team for your business
- Single-source solution provider
- Nationwide coverage for direct and indirect channel

- Customized industry solutions
- Advanced diagnostic systems
- End-to-end solution for complete printing needs
- Diverse range of input-to-output technology

We dedicate our efforts to fulfill the exact needs of our customers and provide adequate support to them.

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Canon India Complies with E-Waste (Management) Rules, 2016

Please return end-of-life product for environmentally safe disposal. For details, visit <https://in.canon>

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