



For the Creators

Printing reimaged with the combination of the best technologies



Canon
Delighting You Always

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CANON BUSINESS PARTNER / DEALER'S STAMP

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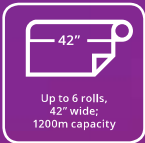
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All in one, print, scan
& copy



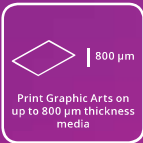
Océ CrystalPoint
Technology



Up to 6 rolls,
42" wide,
1200m capacity



Print CAD drawings on
uncoated plain paper



Print Graphic Arts on
up to 800 µm thickness
media



Lightning fast
integrated POWERSync
controller



Instant dry, water and
scratch resistant prints



9 print modes and Océ
Print Assistant



Océ Image Logic-first
time right results



No ozone, fine dust or
odour emissions

THE BEST OF Océ TECHNOLOGY

The best of the world
in toner and inkjet in an entirely
sustainable process



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



Océ TonerPearls

Océ TonerPearls contain compressed toner. The pearls are round and easily roll into the system.



Toner Gel Jetting

Once the TonerPearls are fed into the system, they are gellified into a toner gel. This gel is then jetted onto the media by the Imaging Devices.



Toner Crystallization

The toner gel will start crystallizing only after it has achieved a "good grip" on the media.



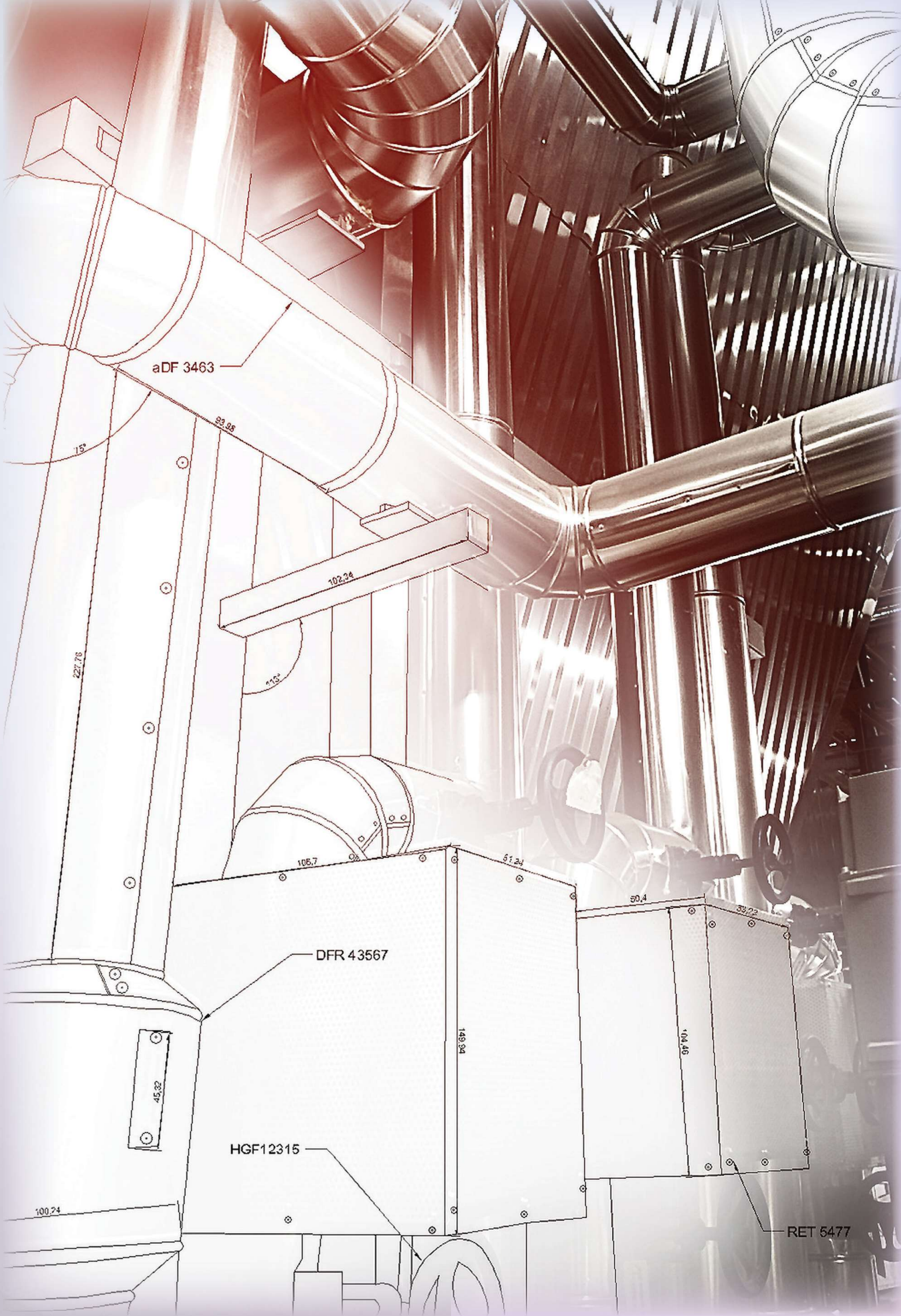
Benefits of the world of toner

- No feathering
- Instant dry
- Water resistant



Benefits of the world of inkjet

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



Automation to extend your media versatility



Océ MediaSense enables you to print high quality output on a large range of media, without having to do manual adjustments.



Thicker media

Print on any type of media up to 32 mil on your large format printing system, which opens up new business opportunities.

Broaden your application range

Océ MediaSense is ideal for printing robust posters, roll-up banners, modern canvas, wallpaper and many more.

Optimum print quality

Combined with Océ CrystalPoint technology, print quality and colors become fairly independent from the medium chosen.



Save time

- Fully automated
- No manual adjustments needed



Print quality

- Superb quality is ensured, independent of media type and thickness.



Error free

- No waste of labor, toner or media.
- A sustainable solution to reduce expensive and time-consuming re-work.

Keep the quality of your print output consistent, automatically



Océ PAINT technology predicts nozzle failure before printing and ensures drop size correction during the entire lifetime of the printer.



Ensures consistent, high-quality prints

The printer measures and corrects actual drop sizes to ensure consistent print quality.



Increases throughput

The printer predicts and compensates for nozzle failures automatically, per swath.



Expands printer lifetime

The printer checks the status of the printing nozzles and cleans clogged nozzles in just seconds.

HIGHLIGHTS OF Océ ColorWave 3700

Thanks to the reliable Océ CrystalPoint multi-pass print technology, every single detail of data is rendered correctly. In addition, the Océ ColorWave 3700 provides the increasingly important true graphic arts capability needed for high-quality full-color representations. Digital print providers will be pleased by the Océ ColorWave 3700's versatile, high-quality print output and astounded by its 'green button' ease of use. With true print preview for any job, easy media handling, excellent workflow integration software and a full range of perfectly tuned peripherals, the Océ ColorWave 3700 is the rock-solid wide format printing solution for the creators who want to print large format CAD drawings or graphic applications on one easy-to-use system.

1

THE FLEXIBLE CHOICE FOR YOUR BUSINESS, NOW AND IN THE FUTURE

Get the complete package with the fully integrated peripheral portfolio, perfectly tuned to the printer: The Océ Folder Express 3011, Folder Professional 6013 and Océ Stacker Select.

- Rely on consistent print quality and high uptime backed by an experienced service organization. No daily maintenance is required and the machine uses few consumables.



Océ CW3700 standalone



Océ CW3700 with Océ Folder Express 3011



Océ CW3700 with Océ Folder Professional 6011/ 6013



Océ CW3700 with Océ Stacker Select

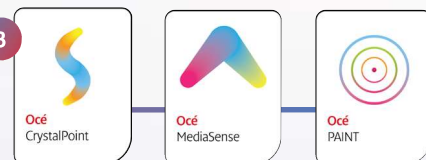
2

READY TO SERVE YOU FOR YEARS AND YEARS

Enjoy a healthy work environment thanks to the mature, non-toxic Océ TonerPearls technology: no fine dust, odour, ozone emissions & minimal waste.

- Be eco friendly. The ENERGY STAR certified low energy use machine is designed with long parts lifetime for remanufacturing and re-use by Océ, forerunners in circular economy. Océ CrystalPoint prints are suitable for recycling efforts thanks to high deinkability – the Océ TonerPearl toner lies on top of the paper for easier separation.

3



CONFIDENTLY MEETS THE HIGH STANDARDS

Rely on rock-solid prints. Océ Toner Pearls are heated and then jetted onto the media with extreme precision, for crisp, instant dry, water resistant prints with no feathering. Get sharp lines, high readability, fine details and smooth even area fills every time you print.

7



HANDLE INCOMING JOBS WITH EASE AND CONFIDENCE

Enjoy convenient, fast and reliable multitasking with the secure POWERsync controller (running on Windows 10 IoT Enterprise OS).

- ✓ Manage multiple jobs concurrently
- ✓ Shorten queue and waiting time
- ✓ Increase throughput

4

PRODUCTIVELY MIX APPLICATIONS AND RUN LARGE JOBS

Gain media capacity and application diversity with up to 6 rolls, 42-inch width and 200 meters total length.

- Save operator time on media handling with easy roll replacement, automatic roll width detection and easy paper feeding.

5



A JOY TO WORK WITH

- Manage complex jobs and avoid misprints with the intuitive Clear Connect software suite & user interface.
- Experience true green button printing: the right print settings for excellent print output with minimal operator intervention.



6

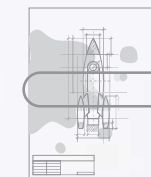


BETTER COPY AND COLOR SCANNING RESULTS

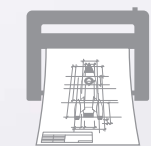
Intuitively print, copy and scan on one system using the seamlessly integrated Scanner Express for effortless and time-saving operation.

- Turn imperfect originals into perfect copies and scans with Océ Image Logic scanning technology.

An original is scanned.



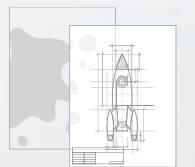
The layer with background noise is eliminated, for a background-free image.



Halftoning and digital smoothing for smooth gradients and crisp lines.



Océ Image Logic automatically registers paper size and separates the image in layers.



The image is optimized by advanced filtering - each layer gets its own settings.

APPLICATIONS



CAD
MAPS/GIS
SCHEMATICS



ECONOMY BACKLIT
INDOOR BANNER
EVENT BANNER



DISPOSABLE POP
THEMATIC POP
SOFT SIGNAGE
SPECIAL APPLICATIONS



PHOTOPRINTS
FINE ART
WALLPAPER
POSTERS



SPECIFICATIONS

PRINTER	
Print Technology	Océ CrystalPoint Technology brings instant-dry, water resistant prints on uncoated media.
Toner	Océ ColorWave 3700 TonerPearls, Cyan, Magenta, Yellow and Black TonerPearls, 500 grams /color.
Productivity	Page size Productivity (pages/hour) Productivity (m²/hour)
	A0 / E* 129 (greyscale) 120 (color) 129 (greyscale) 120 (color) A1 / D* 225 (greyscale) 212 (color) 113 (greyscale) 106 (color)
Print modes	9 print modes and OPA (Océ Print Assistant, automatically determines the best print mode based on the content, without intervention required).
Resolution Imaging Devices	True resolution: 600 x 600 dpi
Resolution Droplet aligning accuracy	1200 dpi (corresponds to 20 microns)
Printer Dimensions (WxDxH) and weight	2100 x 900 x 1580 mm 290 kg (printer and 2 drawers)
Standard stacking system	Integrated Top Delivery Tray, 90 sheets capacity
Optional stacking systems	Océ Delivery Tray, 150 sheets capacity. Increases delivery capacity up to 240 pages.
Optional finishing devices	Océ Folder Express 3011, Océ Stacker Select, Océ Folder Professional 6011, integrated full fold; Océ Folder Professional 6013, integrated full fold + reinforcement module.
CONTROLLER	
Processor	Océ POWERSync® controller, Intel® Core™ i5 processor
Operating system	Microsoft Windows® 10 IoT Enterprise (64-bit)
Memory	8 GB DDR3 DRAM
Hard drive	2 x 500 GB
Video	Intel HD Graphics, 1GHz
Print languages (standard)	TIFF 6.0, JPEG1.02, HPGL, HPGL2, C4, Calcomp 906/907/951, CALS 1, NIRS, NIIF
Access management	Provide secure access to device by users by keying in password on the ClearConnect multi-touch 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 authenticated cloud support via WebDav and/or third party provider.
Color management	- RGB input profile (sRGB, AdobeRGB) - CMYK input profile (Euroscale, ISOcoated, (FOGRA39), (FOGRA47), GRACoL2006 & SWOP2006) - Grey profile (standard included in the PDF/APPE option) - Rendering intent (perceptual, saturation, absolute colorimetric, relative colorimetric)
Client operating system support	Windows 7 / Windows 7 64 bits / Windows 8.1 / Windows 8.1 64 bits / Windows 10 / Windows 10 64 bits / Windows Server 2008 R2 64 bits / Windows Server 2012 64 bits / Windows Server 2012 R2 64 bits Mac® OS 10.10 / Mac® OS 10.11 / Mac® OS 10.12 (PostScript® 3 driver support only for Mac® OS
Interface	Ethernet 100 Mbits/s, 1 Gbit/s TCP/IP; DHCP/IPv4, IPv6, https Discovery: WSD, LPD, NetBios
Protocols	Network protocols: TCP/IP Printing protocols: LPR, LPR to DRP, FTP, WebDav, Collaborate, WSD print Backchannel protocols: SNMP printer MIB, Océ Wave interface 1.3, WSD, OCI
Security	HTTPS, extended security protection for administrator, audit logging. Configurable HTTPS Certificates, Ipsec, EWT LDAP Authentication, E-shredding, access control. Allow disabling TLS 1.0 and 1.1 protocols and enable TLS 1.2 + include stronger cipher. Removable Hard Drives (optional) User authentication on local UI for FTP, SMB and WebDav. Disk Encryption AES 256, Support 802.1x Authentication
USER INTERFACE	
User Interface Size (WxDxH)	300 x 220 x 40 mm; Touch screen: 264mm
Operation	3 hard buttons: [Wake-up], [Stop, interrupt, abort], [Home] Multi-touch tablet like functions
Features	View optimization: Tilt (-4 to +45 degrees) and turn (-45 to +180 degrees), Status light (red, green), USB 2.0 interface with indication. Switch instantly between 2 languages. Select from 21 languages.

MEDIA HANDLING	
Custom media	Custom media support, including automatic calibration, no tooling and training required
Media Specifications	Media rolls: 4 or 6 rolls (2 drawers = 4 rolls , 3 drawers = 6 rolls) Media Capacity: Up to 1200m, 200m on a roll; Media Weight: Paper: 60-200 g/m2; film: 2.5-8 mil Media thickness: Paper: 800 µm; 30 mil; film: 2.5-8 mil
Roll Specifications	Roll length: Up to 200 m; Roll width: 297 mm - 1067 mm; Roll diameter: Up to 180 mm; Roll core diameter: 3 inch and 2 inch cores; Roll weight: Up to 20 kg
Print Specifications	Max printable width : 1067 mm; Minimum print length : 210 mm; Maximum print length : Up to 200 m
Media types (www.mediaguide.océ.com)	Uncoated papers, uncoated Tyvek, self-adhesive papers, self-adhesive coated vinyls, blue back papers, textile types, polypropylene films, polyester films, light blocks films, canvas, soft banner, instant dry photo paper, coated & uncoated non-woven wall paper (fleece), backlit paper, self-adhesive wall paper, several natural and synthetic textiles
SCANNER EXPRESS IV (OPTIONAL)	
Scan resolution	600 x 600 dpi
Scan speed	14.6 m/min Black & white scanning; 4.8 m/min Color scanning
Scan formats	TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF
Scan destination	Local USB flash drive, FTP, SMB, Controller, mobile device via Océ Mobile WebTools, WebDav Cloud, Collaborate
Scan protocol	FTP, SMB, scan to cloud (push to webDAV based clouds)
Zoom	1:1, Scale to media size , Scale to standard format, Custom: 10 - 1000 %
Size scanner (WxDxH) and weight	1097 x 308 x 140 mm ; 25kg
WORKFLOW	
Printer drivers	Océ PostScript ®3 driver, Océ Wide format Printer Driver for Microsoft ® Windows® 2
Job submission	Océ Publisher Select 3, Océ Publisher Mobile, Océ Publisher Express, Océ Reprodesk, ONYX® Thrive, Cloud services, USB flash drive.
Job management	Océ Express WebTools provide administrators the tools to manage the device remotely via the web
Device Management & Accounting (standard)	Océ Express WebTools; View the counter history at preferred time periods, per job or total overview and provide administrators the tools to manage the device remotely via the web. Océ Account Center (Optional)
ENVIRONMENTAL & SAFETY	
Ozone emissions	Zero
Heat emission	Printing: 395 W, Ready: 214 W
Operating temperature	15 – 35 °C (recommended: 20 – 27 °C)
Power requirements	100 - 240 V, 50 - 60 Hz
Power consumption	Sleep: 2.5W, Ready: 199 W, Active: 380 W
Acoustic sound pressure	Printing: 57 dB(A), Ready: 36 dB(A)
Acoustic sound power	Printing: 6.9 B(A), Ready: 4.7 B(A)
Certifications	TÜV GS, CETECOM, CE, G-UL-US, CB, RCM, ENERGY STAR, FEMP, EPEAT, CCC, EAC, FCC Class A, VCCI Class A, Greenguard
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.

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