



Continuous Feed

Color

Inkjet

Inks



DATA SHEET

OCÉ IMAGESTREAM 3500 IMAGE YOUR MEDIA.

Produce high-quality books, magazines, catalogs, and brochures with a true graphic arts look and feel

The Océ ImageStream™ 3500 is Canon Solutions America's first full-color inkjet press that is able to print on standard offset coated stock without the need of primers or bonding agents. Offering a printing speed of 525 feet per minute and a print width of 29.5 inches, the system produces 3,436 letter images per minute, 3-up or 19,200 B2 sheets per hour. You get the productivity of a classic sheet-fed offset press combined with the advantages of digital printing: print-on-demand and short runs, customized content, and quick job turn-around.

The Océ ImageStream 3500 is an excellent choice for high-end applications such as books, brochures, magazines, and personalized catalogs requiring outstanding image quality.

Standard offset coated – the new benchmark for inkjet

The Océ ImageStream utilizes the latest innovation in high-speed inkjet technology. Featuring best-in-class service life, the native 1200 dpi inkjet print heads are engineered for productivity, maximum up-time, and reliability. Additionally, the printer comprises a totally new ink chemistry, allowing very small droplet sizes. This smart combination allows printing on a wider range of media (inkjet treated, offset coated and uncoated), as well as the use of lightweight

papers. Print service providers can consistently produce the same high-quality output across both offset and digital production lines, eliminating the need for two different types of paper.

Driving performance at highest speeds

The Océ ImageStream 3500 includes the high-performance and scalable Océ SRA MP® controller offering uninterrupted printing at full engine speed. The embedded Adobe APPE® engine 3 allows the support of a native PDF format which is ripped directly on the printer controller, eliminating the costly and time-consuming intermediate process. Combined with the Océ PRISMA® workflow software, Océ offers an efficient printing system with best-in-class productivity through a resilient production workflow and sturdy printer technology.

OCÉ IMAGESTREAM 3500

| TECHNOLOGY | |
|--|--|
| Print Technology | Océ DigiDot® drop-on-demand, piezoelectric |
| Ink | Water-based pigment ¹ |
| Operating | Océ next generation look & feel user interface |
| Paper transport | Pinless tight web with tension control |
| Paper input | Océ tight web unwinder (included in basic unit) |
| Paper output | Open post-processing interface with Type1 connectivity ² |
| Configuration | Duplex 4/4 |
| Resolution | Native 1200 x 1200 dpi |
| Print speed | 525 Ft./min (19,000 half-size sheets per hour) |
| Productivity (3-up) | 3,436 letter images per minute |
| Monthly capacity (CMYK) letter pages | 23-104 million |
| PAPER | |
| Standard paper feed | Roll-to-roll (optional slitter in rewinder with adjustable position) |
| Web width | 30" (762 mm) |
| Print width | 17" (432 mm) – 29.5" (750 mm) |
| Form length | 54" (1,70 mm) ³ |
| Max. image size | 29.5 x 54" (750 x 1,370 mm) ³ |
| Paper weight | 64–157 gr/m ² ⁴ |
| Paper roll | Maximum 50" diameter; maximum weight 3,086 lbs |
| Roll shafts | 70 mm, 3", 6", other shaft sizes on request |
| Substrates | Offset coated and uncoated, inkjet-treated and coated, book paper |
| PHYSICAL DATA (with closed doors without service clearances, paper reels, chiller, controller, ink supply unit, filling unit, transformer) | |
| Length | 484.25" (525.6" including paper reels) |
| Width | 146.25" (3,715 mm) |
| Height | 81.5" (2,070 mm) |
| Total weight | 50,485 lbs (roll-to-roll configuration) |
| Point weight | <1,654 lbs (750 kg) per leveling pad |
| POWER CONNECTION REQUIREMENTS | |
| USA | Printer 1 + 2 (via transformer) 480 V / 320 A |
| | Controller (via transformer) 200 V / 64A |
| POWER CONSUMPTION | |
| Idle kW | 20 |
| Printing kW ^{5,6} | 183 |
| ENVIRONMENTAL | |
| Temperature | Optimal range 68 – 79° F. Limited range 61 – 84° F |
| Humidity | Optimal range 40 – 60%. Limited range 30 – 80% |
| Operating noise | ≤ 75 dB |
| WORKFLOW | |
| Printer controller | High-performance Océ SRA MP Controller |
| Printer data format ⁷ | AFP/IPDS (IS/3), PDF (APPE 3), LINE DATA, LCDS, POSTSCRIPT, PPML, TIFF, VIPP |
| Output management system | Océ PRISMAproduction® or other output management systems ⁸ |
| Connectivity | 10 Gigabit Ethernet |

All information is subject to change without notice.

¹ The Océ ImageStream inks contain materials that may be considered VOCs.

Please consult your local regulatory organization for clarification and possible obligatory certification.

² Interface specification details are available on request.

³ For format length >14" technology-intrinsic effects for certain applications might occur. Refresh measurements help to minimize or partly avoid these effects.

⁴ Please refer to the actual paper specification list for available papers. Other papers have to be qualified prior to usage. Paper weights outside the standard weight range have to be tested by HQ paper lab in Poing.

⁵ Typical power consumption with economic printer settings for inkjet treated/coated paper.

⁶ Print engine excluding SRA MP Controller.

⁷ Partly in combination with Océ PRISMAproduction.

⁸ Use with 3rd party Output Management System must be tested and confirmed.



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For more information, call or visit
877-623-4969 CSA.CANON.COM

Visit our Production Print Resource Center at:
csa.canon.com/ProductionPrint

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