



Continuous Feed

Full Color

Inkjet

High Volume

Flexible



DATA SHEET

## Océ ProStream series

### CROSSING OVER BETWEEN DIGITAL AND OFFSET PRINTING

#### Quality, productivity, versatility

The Océ ProStream™ merges the best of digital and offset printing. You'll find offset-quality print along with the high productivity and flexibility of inkjet.

Take over previously offset-printed jobs and improve cost or personalize. Get ahead of the crowd by stepping up the quality in your digital work. Enable your customers wider reach by expanding campaign sizes. With the Océ ProStream, you can offer your customers high-quality, 1200 dpi output with the cost efficiency and variable value-add of inkjet.

#### Delivering to the point – every time

The Océ ProStream is an inkjet engine with outstanding print quality. It prints fully variable content on a wide range of uncoated, treated, and matte, silk, or gloss coated papers. It produces up to 1,144 letter size or 35 million pages per month in 2-up duplex production speed at a speed of 262 ft/min. It follows in the footsteps of the other web-fed engines by Océ, which are well-known for their reliability, stability, and uptime.

#### Professional, attention grabbing prints

The Océ ProStream has a revolutionary new engine design with the latest generation piezo drop-on-demand print head, our proprietary ColorGrip, and a new polymer pigment ink set. The results of that combination of innovations are vibrant colors, smooth shadings, and ultra-fine details – even in dark tones. With extremely high-quality output, the question is no longer what will you print, but what can't you print with inkjet.

#### No touch super-sensitive drying

Océ has broken new ground with the floatation drying technology unique to the Océ ProStream. The web is kept free floating for optimal image quality, process control, and consistency – on a very wide range of media. The result is an appealing look and feel, flat-laying prints, and homogeneous gloss levels.

#### Integrate efficiency into your workflows

Océ PRISMAproduction® and Océ SRA® MP controller technology have become the efficiency benchmark in heavy-volume variable content printing. The ProStream can also be directly integrated into your PDF workflows with the new Océ PRISMAcontrol digital front end. And let's not forget the many connectable adjacent systems, to manage anything from content creation to tracking and tracing. Either way, you have the flexibility to manage your production at the engine – right where it happens!

#### Proven excellence in inkjet

Based on over 1,200 Océ inkjet printers installed, this press benefits from Canon Solutions America's extensive experience in delivering excellence in inkjet. The Océ ProStream is designed for high quality, versatility, efficiency, and reliability. Every installed engine is backed by an expert team to service your new press and integrate it into your production environment.

## OCÉ PROSTREAM 1000

### PRODUCTIVITY

Print speed	262 ft/min (80m/min)
Configuration	I-Twin (duplex) CMYK
Pages per minute (letter size)	1,144 in duplex mode
Max. duty cycle per month (letter size)	35 million in duplex mode

### TECHNOLOGY

Print head technology	Océ DigiDot® piezoelectric drop-on-demand
Resolution at nominal speed	1200 × 1200 dpi with multilevel droplet modulation
Drop sizes	Variable, 2 – 5 picoliters
Ink set	Océ ColorGrip, polymer pigment ink set CMYK with Océ InkSafe® technology

### PAPER & PRINT IMAGE

Print width	21.89" (556 mm)
Web width	16 – 22.24" (406 – 565 MM)
Substrates	Offset uncoated, matt and gloss coated, inkjet-optimized (according to released paper list)
Paper weight	60 – 300 gr/m², extended range after tests possible
Paper transport	Pinless, tight web, automatic tension control

### PHYSICAL DATA

Length × Width (print tower)	19' x 8.5' (5,800 x 2,550 mm)
Length × Width (duplex roll-to-roll)	55.5' x 8.5' (16,850 x 2,550 mm)
Height	6.6' (2000 mm)
Weight (print tower)	14,333 lb (6,500 kg)

### POWER CONNECTION PRINTER

Connection	Twin engine (2 towers) 2 x 400V/250A Controller 400V/16A Climate Control Unit 400V/16A
------------	--

### ENVIRONMENTAL REQUIREMENTS

Temperature	Optimal range 68 - 80° F (20 - 26° C)
Humidity	Optimal range 40 – 60%, limited range 40 – 80%
Operating noise	Maximum 75 dB

### DATA WORKFLOW

Page length	6 – 60" (152 – 1520 mm)
Controller	Océ SRA MP controller with Adobe APPE 4
Printer data format¹	PDF (PDF/X), PDF/VT, PPML, TIFF, VIPP, AFP/IPDS (IS/3), and more
Front end print manager	Océ PRISMAcontrol, Océ PRISMAproduction or other qualified output management system
Connectivity	2 × 10 Gigabit Ethernet (RJ45 copper) with PRISMAcontrol 2 × 10 Gigabit Ethernet (optical short range) with PRISMAcontrol 10 Gigabit Ethernet (copper, optic MMF/SR, optic SMF/LR)
Operating	Touch based next generation Océ look & feel user interface

### PRE- AND POST-PROCESSING

Standard online configuration	Roll-to-roll
Paper input	Partner unwinder with integrated web cleaning system
Paper output	Partner rewinder; barcode-controlled offline or nearline finishing

All information is subject to change without notice.

¹ Partly in combination with Océ PRISMAcontrol or Océ PRISMAproduction