



## Océ VarioStream 9000

# Performance rules



### High speed continuous feed printing system

Color is breaking into the world of transactional printing. Yet despite the new importance of color, black & white applications still account for the bulk of print jobs. So imagine a system that balances today's high volume B/W requirements with the option of installing spot color later. A printing solution powerful enough to meet tight production schedules and handle peak volumes efficiently and economically – ready for you to add Océ CustomTone® colors at a pace to suit you.

#### Unique versatility

The Océ VarioStream® 9000 is designed to give you more: high B/W productivity plus spot color capability when you need it.

- Black & white with the performance and cost effectiveness of a specialized B/W printer
- Unrivalled flexibility in media choice
- Future-proof investment, with easy addition of one or two Océ CustomTone® colors
- Perfect for today's high B/W volume requirements, with pathways for Océ CustomTone colors
- Upgradable output speeds: from 800 to 1,069, 1,283 or 1,425 A4 images per minute (from 852 to 1,136, 1,364 or 1,515 US letter images)

#### Transactional efficiency

At a B/W process speed of approximately 1.76 m/sec, the Océ VarioStream 9710, the fastest version, can produce over 1,425 A4 images (or 1,515 US letter images) per minute. It processes paper widths of up to 19.5"/495.3 mm and a wide range of weights. Handling is made superbly easy with automatic paper feeding, single-pass duplex printing, Single Point of Operation, and UP<sup>2</sup>I, the multi-vendor standard for faster alignment of pre and post-processing units. You benefit from a new dimension of productivity that gives you the performance you need in daily operation. And if any of your print jobs need additional color, you can simply run the printer in two or three-color mode.

#### Your platform into the future

The Océ VarioStream 9000 is your migration platform into the future. You decide when to add more color – or higher speed. The system is ready to take the next step with you.



## General

### Print system

- Printing system for B/W and up to two Océ CustomTone colors
- Variants: Océ VarioStream 94x0, 95x0, 96x0, 97x0
- Print modes:
  - 1/1, 2/2, 3/3 and mixed
  - 1/0, 2/0, 3/0 and mixed
  - Simplex and single pass duplex
- Electrophotographic non-contact imaging
- LED technology, 600 x 600 dpi resolution
- Pinless technology

### Print quality

Standard configuration, 240/300/600 dpi automatic resolution switching

### Fusing method

Non-contact single-pass fusing (infra-red)

### Paper

- Pinless paper transport for single-layer continuous forms with or without tractor-feed margins, perforated, colored or preprinted
- Format width: 165-495.3 mm (6.5-19.5 inches), fully variable
- Print width: 165-482.6 (6.5-19 inches)
- Format length: 76.2-1,371.6 mm (3-54 inches)<sup>1</sup>
- Paper weight:
  - Standard range: 50-160 g/m<sup>2</sup>
  - Extended range: 36-49 g/m<sup>2</sup>, 160-240 g/m<sup>2</sup> <sup>2</sup>
- Paper feed: roll, stack, jumbo stack

### Standard features

- 1/1 printing
- 2/2 and 3/3 printing capability
- Automatic paper feeding
- Intuitive GUI
- Single-point, remote operating capability
- Quick Change Developer Station concept
- Océ TonerSafe™ insures that the toner and the developer station match <sup>3</sup>
- Type I interface for pre- and post-processing equipment
- UP<sup>3</sup>I interface for improved productivity and process control

### High Temperature Kit

### Native printer codes

- IPDS
- PCL 5c

### Environmental

- Temperature: 15-28 °C
- Rel. Humidity: 40-60%
- Operating noise: <80 dB(A) according to ISO 7779

<sup>1</sup> Length >54" after rest. Not all format sizes >31" are supported. Max. of 60" = 1524 mm

<sup>2</sup> Subject to satisfactory test results; grammages above 80 g/m<sup>2</sup> at adapted speed. For details see table printing speeds

<sup>3</sup> Please contact your local sales representative for details

<sup>4</sup> With 1 developer stations (1/1) only

<sup>5</sup> Max. printing speed 800 A4 / 852 US letter ipm.

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<sup>6</sup> Depending on national regulations

<sup>7</sup> Depending on application

<sup>8</sup> Grammage up to 240 g/m<sup>2</sup> possible with speed adjustment

<sup>9</sup> In mixed applications max. printing speed in B/W is 800 A4 / 852 US letter ipm



**Printing for Professionals**

### Dimensions (LxWxH)

- Overall 5,430 x 1,930 x 2,020 mm
- Print module 2,720 x 1,520 x 2,020 mm
- Fusing module 2,800 x 1,120 x 1,200 mm
- Filter module 800 x 680 x 2,020 mm
- Web Buffer 1,872 x 985 x 2,172 mm

### Weight

- Overall 3,370 kg <sup>4</sup> (print module + fusing module + filter module + 2 developer stations)
- Web Buffer 447 kg

### Options

- Expansion by up to two additional interfaces
- Océ CustomTone colors
- Upgrade to GraphicArts (Dot Modulation)<sup>5</sup>
- External Toner Supply Unit for 6 kg bottles

### Electrical values

|                                | EU              | US          |
|--------------------------------|-----------------|-------------|
| Frequency                      | 50 Hz ±1 Hz     | 60 Hz ±1 Hz |
| Rated voltage                  | 230/400 V ±10 % | 208 V ±10 % |
| Int. safety fuses <sup>6</sup> | 4 x 125 A       | 3 x 250 A   |

### Power consumption (Standby values in brackets)

|                         | 50 Hz                      | 60 Hz                      |
|-------------------------|----------------------------|----------------------------|
| Max. P <sub>W</sub>     | 71 kW                      | 75 kW                      |
| Average P <sub>W</sub>  | 43 kW                      | 42 kW                      |
| Apparent P <sub>S</sub> | 76 kVA                     | 80 kVA                     |
| Average P <sub>S</sub>  | 46 kVA                     | 48 kVA                     |
| Heat output Q           | 155,520 KJ/h (20,500 KJ/h) | 151,560 KJ/h (20,160 KJ/h) |

## Printing speed

| Océ VarioStream                              | 9710                 | 9720 <sup>9</sup>          | 9730 <sup>9</sup>          |
|--|----------------------|----------------------------|----------------------------|
| <b>Process speed</b>                         | 105.84 m/min         | 59.52 m/min                | 59.52 m/min                |
| <b>Images per minute, duplex<sup>7</sup></b> |                      |                            |                            |
| A4 portrait 2-up                             | 1425 (1/1)           | 344 (2/2) up to 1425 (1/1) | 228 (3/3) up to 1425 (1/1) |
| A5 portrait 3-up                             | 3024 (1/1)           | 727 (2/2) up to 3024 (1/1) | 480 (3/3) up to 3024 (1/1) |
| Letter portrait 2-up                         | 1515 (1/1)           | 352 (2/2) up to 1515 (1/1) | 232 (3/3) up to 1515 (1/1) |
| 6 x 9" 3-up                                  | 2778 (1/1)           | 642 (2/2) up to 2778 (1/1) | 419 (3/3) up to 2778 (1/1) |
| Max. paper weight at max. speed <sup>8</sup> | 80 g/m <sup>2</sup>  | 160 g/m <sup>2</sup>       | 160 g/m <sup>2</sup>       |
| <b>Océ VarioStream</b>                       | <b>9610</b>          | <b>9620<sup>9</sup></b>    | <b>9630<sup>9</sup></b>    |
| <b>Process speed</b>                         | 95.28 m/min          | 59.52 m/min                | 59.52 m/min                |
| <b>Images per minute, duplex<sup>7</sup></b> |                      |                            |                            |
| A4 portrait 2-up                             | 1283 (1/1)           | 344 (2/2) up to 1283 (1/1) | 228 (3/3) up to 1283 (1/1) |
| A5 portrait 3-up                             | 2721 (1/1)           | 727 (2/2) up to 2721 (1/1) | 480 (3/3) up to 2721 (1/1) |
| Letter portrait 2-up                         | 1364 (1/1)           | 352 (2/2) up to 1364 (1/1) | 232 (3/3) up to 1364 (1/1) |
| 6 x 9" 3-up                                  | 2500 (1/1)           | 642 (2/2) up to 2500 (1/1) | 419 (3/3) up to 2500 (1/1) |
| Max. paper weight at max. speed <sup>8</sup> | 100 g/m <sup>2</sup> | 160 g/m <sup>2</sup>       | 160 g/m <sup>2</sup>       |
| <b>Océ VarioStream</b>                       | <b>9510</b>          | <b>9520<sup>9</sup></b>    | <b>9530<sup>9</sup></b>    |
| <b>Process speed</b>                         | 79.38 m/min          | 59.52 m/min                | 59.52 m/min                |
| <b>Images per minute, duplex<sup>7</sup></b> |                      |                            |                            |
| A4 portrait 2-up                             | 1069 (1/1)           | 344 (2/2) up to 1069 (1/1) | 228 (3/3) up to 1069 (1/1) |
| A5 portrait 3-up                             | 2268 (1/1)           | 727 (2/2) up to 2268 (1/1) | 480 (3/3) up to 2268 (1/1) |
| Letter portrait 2-up                         | 1136 (1/1)           | 352 (2/2) up to 1136 (1/1) | 232 (3/3) up to 1136 (1/1) |
| 6 x 9" 3-up                                  | 2083 (1/1)           | 642 (2/2) up to 2083 (1/1) | 419 (3/3) up to 2083 (1/1) |
| Max. paper weight at max. speed <sup>8</sup> | 120 g/m <sup>2</sup> | 160 g/m <sup>2</sup>       | 160 g/m <sup>2</sup>       |
| <b>Océ VarioStream</b>                       | <b>9410</b>          | <b>9420</b>                | <b>9430</b>                |
| <b>Process speed</b>                         | 59.52 m/min          | 59.52 m/min                | 59.52 m/min                |
| <b>Images per minute, duplex<sup>7</sup></b> |                      |                            |                            |
| A4 portrait 2-up                             | 800 (1/1)            | 344 (2/2) up to 800 (1/1)  | 228 (3/3) up to 800 (1/1)  |
| A5 portrait 3-up                             | 1700 (1/1)           | 727 (2/2) up to 1700 (1/1) | 480 (3/3) up to 1700 (1/1) |
| Letter portrait 2-up                         | 852 (1/1)            | 353 (2/2) up to 852 (1/1)  | 232 (3/3) up to 852 (1/1)  |
| 6 x 9" 3-up                                  | 1562 (1/1)           | 642 (2/2) up to 1562 (1/1) | 419 (3/3) up to 1562 (1/1) |
| Max. paper weight at max. speed              | 160 g/m <sup>2</sup> | 160 g/m <sup>2</sup>       | 160 g/m <sup>2</sup>       |

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## Software support

### Océ systems

- Océ PRISMA<sup>®</sup> production Server:
  - AFP/IPDS, PDF, PCL, TIFF, PostScript, LCDS, OLDS
- Océ PRISMA<sup>®</sup> production Host:
  - AFP/IPDS
- Océ PRISMA<sup>®</sup> office:
  - PCL 5c
- Océ Document Designer Advanced:
  - AFP/IPDS, PCL 5c

### IBM systems

- PSF(z/OS/MVS):
  - AFP/IPDS
- InfoPrint Manager for AIX
  - AFP/IPDS

### Printsoft PReS

- AFP/IPDS

### GMC PrintNet T

- AFP/IPDS