No compromises

Wide format photo laser printers

No other printer can match the Océ LightJet Series combination of speed, quality and affordability. The Océ LightJet 430 and Océ LightJet 500XL do not compromise on quality, printing in 36-bit color at an apparent resolution exceeding 4,000 dpi. The Océ LightJet Series printers use three lasers to image low-cost photographic media from all major suppliers. Since photo materials offer archival permanence and resist fading, Océ LightJet prints are ideal for applications such as backlit graphics, tradeshow displays, point-of-purchase posters, and fine art photography.

The Océ LightJet 430 images up to 43 m^2 (465 ft^2) per hour on media up to 127 cm (50˝) wide. The Océ LightJet 500XL images up to 45.5 m^2 (490 ft^2) per hour on media up to 193 cm (76˝) wide, making it the only superwide photo laser printer on the market. Both are extremely fast, easy to operate, and offer the ideal solution for production graphics shops that require high throughput and exceptional quality prints.

Océ LightJet Series Features

- Superior backlit images for airports, advertising, point-of- purchase and entertainment graphics
- High productivity for multiple prints and fast turnaround projects
- Exceptional quality means Océ LightJet is the number one choice for fine art photography
- Laser imaging is ideal for aerial photography and satellite imaging
- Color consistency makes trade show graphics easy
- Archival longevity is suitable for museum graphics
- Supports photo media from Agfa, Fuji, Ilford, Kodak and Konica, some of which carries manufacturer´s guarantee of archival quality that is colorfast for 50 to 100 years
- Winner DIMA Shoot-Out 2001 and 2002; DPI Product of the Year 2001 and 2004; COMFOT Mexico Shoot-Out 2001; Photographic Processing Top Product 2001 and 2002; Wide-Format Imaging Top Photo Imager 2006

Print Speed

Océ LightJet 430

- 200 dpi up to 43.2 m² (465 ft²) per hour
- 300 dpi up to 21.4 m² (230 ft²) per hour

Océ LightJet 500XL

- 200 dpi up to 45.5 m² (490 ft²) per hour
- 300 dpi up to 22.3 m² (240 ft²) per hour

Print Times*

Océ LightJet 430

- 200 dpi Image Size 128 cm × 306 cm (50.5″ × 120.5″) print time 5.4 minutes
- 300 dpi Image Size 128 cm × 306 cm (50.5″ × 120.5″) print time 10.7 minutes

Océ LightJet 500XL

- 200 dpi Image Size 194 cm × 306 cm (76.5″ × 120.5″) print time 7.4 minutes
- 300 dpi Image Size 194 cm × 306 cm (76.5″ × 120.5″) print time 15.1 minutes

Print time includes material advance and look-up table download; actual print time depends on computer configuration and speed of data storage device

Media

- Media Supported: RA4 Paper, Trans/Clear, Flex

Océ LightJet 430

- Maximum Image Size: 128 cm × 306 cm (50.5″ × 120.5″)
- Roll Media Capacity: Length up to 50 m (164′); widths of 76 cm, 81 cm, 102 cm and 127 cm (30″, 32″, 40″ and 50″)

Océ LightJet 500XL

- Maximum Image Size: 194 cm × 306 cm (76.5″ × 120.5″)
- Roll Media Capacity: 50 m (164′) max for 127 cm (50″) RA4 paper; 30.4 m (100′) max for >127 cm (>50″) RA4 paper; 30.4 max for 127 cm to 193 cm (50″ to 76″) Trans/Clear & Flex; Widths of 127 cm, 152 cm, 183 cm and 193 cm (50″, 60″, 72″ and 76″)

Imaging Specifications

- Spatial Resolution: Continuous-tone: 200, 300 dpi, apparent half-tone resolution exceeding 4,000 dpi
- Color Resolution: 36 bits; each 8-bit input channel is interpolated to 12 bits to produce a 36-bit output color space, resulting in smoother gradients, and increased highlight and shadow detail
- Density Uniformity: +/- 0.03D per color, based on full frame, 50 percent uni-gray (0.8-1.2D)
- Density Repeatability: +/- 0.02D per color, based on full frame, 50 percent uni-gray (0.8-1.2D)

Operational

- Laser Light Source: Red: Helium-neon – 633 nm Green: Helium-neon – 543 nm Blue: Argon-ion – 458 nm
- Printing: Definable borders and full bleed printing is supported

Image Interpolation and Sharpness Control

- On-the-Fly Hardware Interpolation:
- Adaptive 16-point bi-cubic spline applied in real-time during printing; does not increase the size of files being transferred or reduce productivity
- Interpolation Scaling Range, Hardware: 100% to 1,000%
- Sharpness Filters: Hardware-based on-the-fly sharpening

Image Processing

- ONYX Graphics Workflow Software Océ Edition V 6.0 or greater available as an option

Océ LightJet FE

- Océ LightJet FE Open Interface software Open Interface accepts digital files from networks and third-party RIPs using a hot folder; opens the Océ LightJet to all programs that produce RGB-TIFF files

Connectivity

- SCSI II

Power / Air / Lighting

- Electrical: 200-240 VAC -10%, +6% single phase, 47 to 63 Hz, 1,100 VA typical, 2,000 VA maximum
- Air Requirement: Pressure = 70 psi, Flow = 1 cfm
- Lighting: Normal room light when printing; darkroom when loading or unloading media

Physical

Océ LightJet 430
- Size: 224 cm W × 168 cm H × 160 cm L (88″ W × 67″ H × 63″ L)
- Weight: 826 kg (1,800 lbs)

Océ LightJet 500XL
- Size: 317 cm W × 170 cm H × 160 cm L (125″ W × 67″ H × 63″ L)
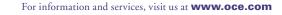- Weight: 925 kg (2,040 lbs)

Awards

Printing for Professionals