

Océ Specifications



LightJet® 500XL

Setting the Standard for Superwide Digital Photographic Imaging

Now you can go wider and still maintain the same brilliant quality and exceptional detail you've come to expect from LightJet products. No other photo printer can match its performance, quality, price ... or its size. Based on the award-winning imaging system of our LightJet 430 wide format digital photo printer, the new LightJet 500XL is extremely fast, easy to operate, and the ideal solution for visual communicators that always wanted to go wider and digital.

The new LightJet 500XL images up to 485 ft² / 45 m² in one hour. Even at this speed, the LightJet does not compromise on quality, maintaining an apparent resolution of 4,000 dpi.

LightJet 500XL prints are ideal for applications such as backlit graphics, tradeshow displays, point-of-purchase posters, and fine art photography.

LightJet 500XL Features

Superwide digital photographic imaging, up to 76.5" / 194 cm wide

Fast throughput: imaging speeds of up to 485 ft² / 45m² per hour

Superior backlit images for airports, advertising, point-of-purchase and entertainment graphics

High productivity for multiple prints and fast turnaround projects

Exceptional quality means 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 and Kodak, some of which carries manufacturer's guarantee of archival quality that is colorfast for 50 to 100 years

Winner DIMA Shoot-Out 2002



LightJet® 500XL Specifications



Print Speed

200 dpi up to 485 ft² / 45 m² per hour
300 dpi up to 235 ft² / 21.8 m² per hour

Print Times*

	Image Size	Print Time
200 dpi	76.5 x 120.5" / 194 x 306 cm	7.9 minutes
300 dpi	76.5 x 120.5" / 194 x 306 cm	16.0 minutes

*Print time includes material advance and look-up table download. Actual print time depends on computer configuration, file complexity and speed of data storage device.

Resolution

Spatial Resolution: Continuous-tone: 200, 300 dpi, apparent half-tone resolution is 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

Operational

Maximum Image Size: 76.5" x 120.5" / 194 x 306 cm

Media Supported: RA4 Paper, Trans/Clear, Flex

Media Widths: 50", 60", 72", 76" / 127 cm, 152 cm, 183 cm and 193 cm

Media Roll Sizes: 164' / 50 m max for 50" / 127 cm RA4 Paper; 100' / 30.4 m max for >50" / 127 cm RA4 Paper; 100' / 30.4 m max for 50" to 76" / 127 cm to 193 cm Trans/Clear, Flex

Laser Light Source: Red = Helium-neon – 633 nm
Green = Helium-neon – 543 nm
Blue = Argon-ion – 458 nm

Printing: Definable borders or full bleed printing will be supported

Image Interpolation and Sharpness Control

On-the-Fly Hardware Interpolation: Adaptive 16-point bi-cubic spline applied on a per frame basis. 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

LightJet FE Open Interface

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

Computer Interface: SCSI II

Supported Workstations/Operating Systems: Pentium III (recommended for highest productivity), running Windows NT 4.0

Color Production Software (RIP): Onyx PosterShop® for the LightJet 430 available as an option

Physical

Electrical: 220-240 VAC -10%, +6% single phase, 47 to 63 Hz, 1,100 VA typical, 2,000 VA maximum

Size (W x H x D): 125 x 67 x 63" / 317.5 x 170 x 160 cm

Weight: 2,040 pounds / 925 kilograms

Lighting: Normal room light when printing; darkroom when loading or unloading media

Air Requirement: Pressure 70 psi, Flow 1 cfm.

Océ Display Graphics Systems



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Printing for
Professionals

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