

Océ LightJet 430 Specifications



Océ LightJet® 430

Wide Format Photo Laser Printer

No other printer can match Océ LightJet's combination of speed, quality and affordability. The Océ LightJet 430 wide format photo laser printer images up to 430 square feet in one hour. Even at this speed, the Océ LightJet does not compromise on quality, maintaining an apparent resolution of 4,000 dpi.

It uses 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 is priced to offer the best price/performance ratio among wide format photo printers in the industry. It's the right choice for production graphics shops that require high throughput and exceptional quality prints.

Océ LightJet 430 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 and Kodak, 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; COMFOT Mexico Shoot-Out 2001; Photographic Processing Top Product 2001



Océ LightJet® 430 specifications



Print Speed

200 dpi up to 430 square feet per hour
300 dpi up to 230 square feet per hour

Print Times (image size 50.5" x 120.5")*

200 dpi 5.8 minutes
300 dpi 11.1 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: 50.5" x 120.5"

Roll Media Capacity: Length up to 164'; Widths of 30", 32", 40" and 50"

Media Supported: RA4 Paper, Trans/Clear, Flex

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

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

Océ LightJet FE Open Interface

Océ LightJet FE Open Interface software accepts digital files from networks and third-party RIPs using a hot folder. It opens the Océ 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 Océ 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): 88" x 67" x 63"

Weight: 1,800 pounds

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

Air Requirement: Pressure=70 psi, Flow=1 cfm



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