

New: Durst Lambda 130 Plus and 131 Plus Now with drastically increased printing speed of 60 cm /24” per minute, imaging up to 45 m²/500 sq ft per hour

Brixen, Italy, July 25, 2001 - Durst Phototechnik AG, manufacturer of the world's leading medium and large format digital photo introduces two new Large Format Digital Laser Imagers featuring the highest imaging speed available today, with a productivity of 45 m² / 500 square feet per hour.



Durst Lambda 130 Plus



Durst Lambda 131 Plus

Fastest and Most Productive Large Format Digital Photo Printers for Short Turnaround Times

The new Durst Lambda 130 Plus and Lambda 131 Plus are the fastest and most productive Large Format Digital Photo Printers imaging up to 45 m²/500 sq ft per hour. No other printer can match this speed and productivity performance and the unique Durst Lambda on-the-fly image processing (Durst proprietary pixel interpolation, image sharpening, color/density corrections, cropping, etc.).

In combination with the fully automated Durst Autocutter, Durst offers a proven and very interesting direct digital printing and finishing package, with a very high automation level, productivity and flexibility.

Durst Lambda Offers the Added Advantage of Low Consumables Cost per Print vs. Alternate Technologies

Due to high productivity and the low cost, but highest quality media, the Lambda will be even more competitive against inkjet or other alternate technologies for doing large print sizes and print runs.

Durst Lambda 130 Plus and Lambda 131 Plus are the right choices for jobs that require high throughput and exceptional quality prints, as well as jobs requiring short turnaround times.

Upgrade Kits Available

Lambda 130 and 131 on the market can be upgraded to run at this exceptionally high speed.

Condensed Lambda Features

- Over 630 Durst Lambda units installed worldwide
- Proven quality
- Full continuous tone - 36-bit color space to ensure ultimate color fidelity (68 billion colors)
- Exceptional image quality at 4000 dpi apparent resolution with no visible dots
- Unmatched productivity, now up to 45 m² / 500 sq ft per hour ? ask any user
- 60 cm / 24" per minute linear printing speed with on-the-fly image processing and pixel interpolation
- Most profitable digital imager
- Reliable 24/7 (continuous 24 hours and 7 days a week) operation
- Accommodates 7 media widths compare to 4 of other devices

Revolutionary and Unique Imaging Technology

The unique and patented Durst Lambda continuous roll to roll 3-laser (RGB) exposure system offers total size flexibility and achieves an image quality which is superior to all large format printers - photographic, inkjet and electrostatic. The Durst Lambda exposes digital information (raster pixel) directly to conventional photographic media at full continuous tone with a linear writing speed of up to 30 cm / 12" per minute with the choice of two resolutions of 200 and 400 ppi (equal to an apparent resolution of 4000dpi).

The Durst Lambda operates with a full 36-bit RGB color space (68 billion colors) to ensure excellent control over the light source and to produce faithful color reproductions and produces images with the highest possible resolution and with a radiometric repeatability of 0.025 D per color.

Excellent Image Quality, Sharp Images, Text and Graphics with Exceptional Details at full Contrast

The digital imaging technology ensures a constant pixel size and intensity over the entire image. The patented Durst continuous roll to roll laser exposing system ensures no parasite light during the exposure for perfect image white and highest contrast range with no image distortion and no loss of image sharpness, perfect edge to edge sharpness and evenness. Durst Lambda has redefined photographic quality and has set the standard for reflective and backlit displays.

Dual, Autoswitchable Resolution of 200 and 400 ppi

Durst Lambda 130 features a dual, autoswitchable resolution of 200 and 400 continuous tone pixels per inch (ppi) with on-the-fly pixel interpolation. The 400 ppi continuous-tone resolution of the Durst Lambda 130 is comparable with a resolution of 4000 dpi of printers with half-tone dots.

Print Production Without Size Limitations

Thanks to the unique, patented continuous roll to roll laser exposing system (for paper widths from 50.8cm/20" to 127cm/50 in), the Durst Lambda imagers offer a total size flexibility and can generate any print size from icons to large murals (with auto- and custom paneling functions). One seamless print can be

as long as one entire 127 cm/50 in roll (50 m / 160 ft).

Print sizes exceeding the max. paper width are automatically divided-up and exposed in sections. The operator can select how oversized panels are split. The desired overlap is adjustable.

This allows you offer new print sizes, create new and exiting products and to enter new market segments.

Largest Customer Base with High Customer Satisfaction

With over 630 units installed worldwide (as per mid 2001), the Durst Lambda has the highest install base of all large format digital photo printers. In addition, more than 90 customers have multiple units up to 5 Lambda in the same location and lab chains have up to 20 Lambda running successfully, which confirms the high customer satisfaction.

Durst Lambda has become quickly a new industry standard for high-end large format printing. It has rapidly gained a reputation for high productivity and flexibility, producing the finest quality of small and large format reflective and backlit prints from digital files.

Multiple Applications

The Durst Lambda Large Format Digital Laser Imagers are successfully used in many different imaging applications, such as:

- Large format reflective and backlit printing in any size for point of purchase displays, tradeshow graphics, etc.
- Silk Screen Printers
- Reprographics (Blue Printers)
- Satellite and aerial photography (Remote Sensing -> Lambda RS)
- Mapping (cartographic applications)
- Digital printing in portrait/social, wedding and photofinishing labs
- Litho and Printing Industry
- Gaming Industry
- Minilabs
- Printing large quantities of small print sizes
- Producing large volume backlit prints for POP and vending machines
- Graphic Arts Trade Shops (Pre-press)
- Etc.

About Durst

In two factories in Brixen (South Tyrol / Italy) and Lienz (East Tyrol / Austria), Durst manufactures a complete range of digital products for the Photographic, Graphic and Prepress Market, including the industry's leading Digital Photo Printers Lambda 76 Plus for P/S with Autospooling, Autopackage and Autonesting software features, the Lambda 130 Plus, 131/Plus and Pi 50 for the large format printing industry, the Epsilon 30 LED printer and the Durst Autocutter 32/62 XY automatic print finisher.

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