

## Photo Dose installs ODM Case Binding System to produce 'library-quality' hard cover photo books

Founded in 1898, Photo Dose has over 110 years of experience in the photographic industry. Today [www.photodose.de](http://www.photodose.de) is one of the largest web-based platforms offering a full range of photo finishing products that can be ordered online. In 2005 Photo Dose decided to take a unique route. Unlike most competitors who have their photo finishing products mass manufactured in so-called 'photo factories' alongside drugstore chains, Photo Dose produces all products and services in their own photo finishing labs located in Bremen.

Photo Dose offers top-quality, photographic products at economical prices. Everything they sell is delivered to the customer with a fast turn-around. The key to their success is simple – dedicated, hard-working employees. Qualified photo laboratory staffs take care of their customers' photos, which are produced with the latest technology available.

Besides the classical silver halide photos, the turnover of print products is growing at an over proportional rate. First in this category is the user created individual photo book. The success of the Photo Dose photo books is based on the outstanding software and excellent quality. Besides printing a high quality photo, for photo books the bookbinding technique is of utmost importance. Photo Dose relies on the ODM case binding system to produce 'library-quality' hard cover books.



**Above right:** During casemaking, the hard cover is produced in four simple steps: Spreader, Slider, Stomper and Squeezer. First, the cover material goes through the top side gluer (Spreader), then the operator spots and aligns hard cover boards in position with the sliding table case gauge, shown above (Slider). All four sides of the hard cover are turned-in, see insert (Stomper). Finished hard covers go through the rotary press (Squeezer).

**Above left:** The open cover is inserted into the Sticker with cover guide (shown at left). The spine portion of the cover is held in place with vacuum. The book block is placed on the wing (shown at right) as in normal operation. The accurate placement of thin book covers is fast and easy. In addition, the cover guide reduces production time while eliminating the manual operation of 'pre forming' the covers.

**Above:** ODM Smasher is the building-in process of bookbinding. It is a self-adjusting, hydraulic system that applies 20,000 pounds of pressure, which produces 'library-quality' hard cover books.

**Below:** Easy to operate Super Sewer is self-adjusting and automatic. In-line back sewing ensures a strong side sew on the head and foot.



The classical thread sewing known as Back Tack Technology ensures a strong side-sew with a lock stitch at the head and foot. This technology gives Photo Dose a market advantage against the competition, which have opted for other binding methods.

The introduction of the ODM hard cover bookbinding equipment, including the Super Sewer, Casemaking System, Sticker, and Smasher, led to a considerable increase in productivity and customer satisfaction.

Managing directors Heino Kaiser and Nick Dose are Co-Presidents of Photo Dose GmbH.

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**On Demand Machinery**

[www.ODMachinery.com](http://www.ODMachinery.com)

**(FREE 'How-To' Guide on hard cover bookbinding available via this site).**

## Canon unveils first clear toner device for light production market

Canon Australia used PacPrint 09 in May 2009 to demonstrate its new imagePRESS C1+ digital press, the first colour device with clear toner for the light production and proofing markets. It is ideal for graphic artists and designers looking for new visual treatments to recreate stand-out printing with the look and feel of off-set output.

Built on its predecessor's technology base, the new digital press prints five colours (CMYK + clear) in just one pass or can add clear toner to pre-printed articles. This allows users to add visual 'texture' to any layout. This in turn gives customers many new creative capabilities such as metallic like printing and photo-like images, which can be applied to the production of vouchers, tickets or certificates. It also enables security capabilities through, for instance, watermarking.

The press is equipped with colour management tools to work with industry standards to realise vivid, vibrant, true-to-production prints, making it ideal for various commercial environments where communications need to make a visual impact, whether through subtle and stylish suggestion or through bold, eye-catching promotion. From creative agencies designing logos and advertising campaigns, through to corporate environments where watermarks are required and proposals need to stand out, the imagePRESS C1+ allows its users to take a huge creative step forward and enable them to print a far greater range of items.

**Canon Australia**  
[www.canon.com.au](http://www.canon.com.au)

## Epson's Traditional Photo Paper rolls in

Epson's Traditional Photo Paper has recently been released in 15 metre rolls of standard widths to meet the demand from Australian photographers.

The paper, which is developed in collaboration with leading professional photographers, is designed exclusively for use with Epson's UltraChrome ink series.

Traditional Photo Paper offers D-Max and tonal transition characteristics in black and white, and photographers have the ability to print stunning colour on the same paper, something that was not possible with silver gelatine fibre based papers.

Photographers who contributed to the development of Traditional Photo Paper are impressed with its extraordinary blacks, clean whites and a surface texture that is exactly like a true black-and-white silver gelatin print.

Overview: • Fibre photo paper base; • Extremely high D-Max (2.5); • Wide colour gamut when used with Epson UltraChrome K3 Ink; • Substantial 300 gsm weight; • Acid and lignin free; • Micro porous smooth gloss (F-Type) surface; • Minimal gloss differential; • Smooth elemental-chlorine-free bleaching with minimal optical brighteners; • Compatible with UltraChrome ink and UltraChrome ink with Vivid Magenta; • Range of paper sizes: A4, A3+, A2, and 24 inch x 36 inch sheets, and rolls of 17 inch x 15m, 24 inch x 15m, 44 inch x 15m, and 64 inch x 15m.

**Epson** [www.epson.com.au](http://www.epson.com.au)