

New polymer ink, contactless drying, prints on uncoated and coated offset paper

Canon presents Océ ProStream continuous feed colour inkjet press



The new Canon Océ ProStream continuous feed colour inkjet press was presented at the Hunkeler Innovation Days in Lucerne.

At Hunkeler Innovation Days in Lucerne in February, Canon Europe presented its probably longest inkjet printer, designed to print on coated and uncoated offset paper. The length of the machine is due to the flotation non-contact drying sections meant to leave the image untouched until dry.

For this printer, a new pigmented polymer ink has been developed, with the polymer encapsulating the ink particles and protecting them on the substrate surface. Two printing units carry the CMYK inks, one additional ink option and ColorGrip, a fluid that shall improve ink droplet positioning and detail sharpness by bonding the pigment onto the media both on coated and uncoated media from 60 to 160 gsm. Target markets are directed mail and marketing collateral as well as personalised catalogues, brochures and books. According to Peter Wolff, Senior Director, Customer Group Commercial Printer and Production, four production lines have already been sold in Europe – one each in Switzerland, The Netherlands, Germany and Poland.



Digital newspapers like the Daily Telegraph produced on a Kodak Prosper inkjet press on Jersey Island become more and more attractive where distribution costs are a significant factor.

“With a printing width of 540 mm and maximum print speed of 80 metres per minute, the ProStream offers best-in-class productivity of up to 35 million A4 pages per month”, Canon states in a press release. Samples of the prints were not available in Lucerne, David Croll of Canon Océ announced them for “early summer”. And he was confident that the new polymer ink together with the ColorGrip system will prove to be deinkable.

Axel Fischer



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6-7 Mar 2017

Berliner Recycling - und Rohstoffkonferenz
Berlin, Germany

21-23 Mar 2017

ICE Europe - International Converting Fachmesse
CCE International - Corrugated and Carton Exhibition
Munich, Germany

22-23 Mar 2017

IMPS 2017
Munich, Germany

23 Mar 2017

Internationaler Altpapiertag
Düsseldorf, Germany

4 Apr 2017

Papier & Umwelt
Darmstadt, Germany

25-25 Apr 2017

Altpapier im Fokus
Dresden, Germany

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