

# Chroma Print achieves offset results

DEVELOPED FOR HIGH QUALITY PRINTING RESULTS

actual print samples from the Chroma Print



PRINTING  
RESOLUTION  
OF  
**65 LINES**  
PER CM

## Offset print quality from a flexo machine

Chroma Print is fully designed to challenge the quality and consistency of offset standards. Full HD Flexo technology, precision and accuracy are Celmacch's ingredients to achieve maximum results. Great results are a reality.



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## PUSHING THE BOUNDARIES OF FLEXP

CELMACCH TEST RUN ITS CHROMA PRINT AND ACHIEVE OFFSET QUALITY BEFORE SHIPPING MACHINE TO SADA GROUP COMPANY — SABOX — IN SOUTHERN ITALY.

In its drive to achieve the highest levels of printing, Celmacch recently built and tested a Chroma Print High Tech 1700 line at its factory in Desenzano del Garda, prior to shipping the machine to Sabox in southern Italy. "We equipped the press with the most advanced technology available on the market and full HD Flexo technology to achieve maximum printing results and overall quality close to offset standards," says Luca Celotti, Marketing Manager.

Simec 'Double Cell' ceramic anilox rolls were chosen, with 480 lpcm (188 lines per inch), volume of 2.5 cm<sup>3</sup>m<sup>2</sup> and an angle of 70°. In its trials, the machinery manufacturer used corrugated sheets with both coated and semi-coated liners to see how the machine would perform.

"The machine which we tested in our factory is a 1700 x 1300mm Chroma Print, equipped with four flexo units," continues Mr Celotti. "It has been equipped with four Celmacch carbon chambered doctor blades and is equipped with

our own infrared and hot air drying equipment. From the tests carried out, the machine has shown to be able to reach outstanding image quality with perfect register at high speeds. A number of tests were carried out and we are delighted with high definition being achieved. This machine is printing close to offset print quality, even with a printing resolution at 65 lines per cm and over."

Mr Celotti continues, "Our technology and experience allows the development of a machine that satisfies customers who

are seeking the highest quality standards, giving them the ability to achieve high-definition images, with a smoother appearance and increased sharpness and depth, using a wider range of colours. The results are amazing and meet the expectations of the most demanding box makers that expect print quality close to offset standards."

Celmacch has confirmed that it is manufacturing various high-definition Chroma Print lines, some of them with six colours and equipped with automatic anilox roll change systems in order to allow the use of different anilox rolls in relation to the different requests of different customers. "Of course, a good machine is required as a starting point, but in addition to this we are committed to providing our experience in selecting the best printing ingredients like board, anilox rolls, printing plates and inks," concludes Mr Celotti. "This line is now ready to be dismantled and installed at Sabox, part of the Sada Group, a well-known and highly successful business and market leader in southern Italy that continues to invest in the most advanced technologies." ■

