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NEW POSSIBILITIES FOR CIRCULAR PRINTING

TAMPOPRINT® AG

The rotary tampon printing process has established itself long ago in the field of decorating technical plastic parts. More than 400 bottle closure automations are printing billions of beverage closures each day, mostly with diameters of 28 and 38 mm. Even for medical applications such as insulin pens, 200 million of parts are printed annually with rotary printing units

On a daily basis our sales department is confronted with challenges to find new alternatives to the classic applications such as offset or flexographic printing.

The enquiry of a renowned cork manufacturer resulted in the development of a complete system: The "Cork Printer Universal" has an integrated cliché laser allowing the customers to realise individual print images in small quantities. The cork is rolled directly over the inked cliché, without using a printing tampon. Our customer will receive a complete system from TAMPOPRINT, including approved printing ink. A system that can be used not only for corks but certainly also for other softer surfaces such as cable, rubber parts etc.

Another technology which is suitable for cylindrical parts of Ø 2-30 mm is the "H S C": Flow printing (without the use of workpiece carriers) for flawless finest letterings is now possible with speeds of up to 40.000 parts per hour. At the FAKUMA 2009 we showed a parallel 2 colour print on our demo machine for the first time. By using a machine which can be variably designed, the user can reduce cliché and set-up costs thanks to cliché cylinders which can be repeatedly etched on the circumference or axially shifted.

For comparison: Screen printing does not achieve these quantities. The production of negative print is of lesser quality with offset, especially with gold and silver. Inks are squeezed more with the rubber blanket, therefore fine letterings often look blurred.

The market for these technologies is the plastic packaging industry as well as the writing utensil and electrical industries.

The superior technology for this application is the TOP SPIN technology. Thanks to a sophisticated and high precision machine construction it is now possible to print for example LongCaps for spirits or wine in multi colour and with register accuracy up to 7,500 parts per hour per row. An optional printing unit for the top face also allows multi colour printing. So far only one colour printing with a relatively blurred print was available on the market.

Very concrete projects are already in process. With the new “technologies for your future”, we are prepared to break new ground by processing your products.

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“Cork Printer Universal”



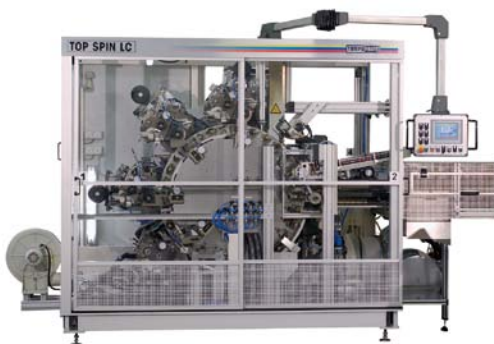
Printed sample



“H S C” High Speed Circular



Printed samples



„TOP SPIN LC“



Printed samples