

## **A milestone in newspaper printing!**

After more than eight years of research and development, SandyScreen has achieved its ambitious objective and, for the first time, has produced “**selected commercial-quality products on a newspaper rotation unit.**”

Top quality 122 l/inch and 152 l/inch screen print was possible on a single printing unit and in a single work process using the **Sandy P printing element** at the Vorarlberg-based media company, Bregenz.

Using technically perfect procedures and carefully tuned parameters, all data supplied were exposed on Fuji plates via ppi-workflow using a CtcP unit from basysprint.

With this quality improvement in offset printing, SandyScreen meets the highest requirements of newspaper publishers.

The new SandyP printing element creates a much better image quality than is possible with other screens. The elimination of dot closure and perfectly controllable and calculable gradation curves prevent moirés and mechanical breaks. Furthermore, the detail drawings of the images are considerably improved due to the finer resolution that can be achieved with the new printing element. With the new technology, the annoying screen structures of the old dot screen are a thing of the past. Today, these advantages are possible without making changes to the existing equipment.

## **From 122 to 152 l/inch screening quality**

The 122 and 152 screen technology represents another **quality leap in newspaper printing** and, at the same time, offers new, interesting and economic possibilities for newspaper publishers and contract printers. On existing newspaper rotation units, SandyP can be used to print high quality products, such as magazines (fashion, jewellery, sport, gastronomy, etc.), catalogues and newspaper supplements, thus improving operational and machine utilisation. Soon after introducing SandyP, some customers were able to double their magazine production and thus greatly increase their profitability.

The SandyScreen technology enables every newspaper publisher and contract printer, using 122 l/inch and 152 l/inch screen, to produce selected commercial quality on newspaper printing presses with improved paper. This means that every newspaper publisher can take on the new challenges of the market in order to produce additional commercial quality products on newspaper presses, something that was previously only possible on heatset rotation units.

With SandyScreen and the “TINTORELLO” optimisation concept, it is possible to make better use of the availability of newspaper rotation units and to operate with an economical alternative to heatset. The new trials alone have shown that, with SandyScreen, it is possible to switch from 122 l/inch to 152 l/inch screen without a shift in tonal value. This is not only a technical sensation, but it also contributes considerably to improving printed products with commercial quality print for newspapers.

## **Whoever uses SandyScreen prints in the champions league !**

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