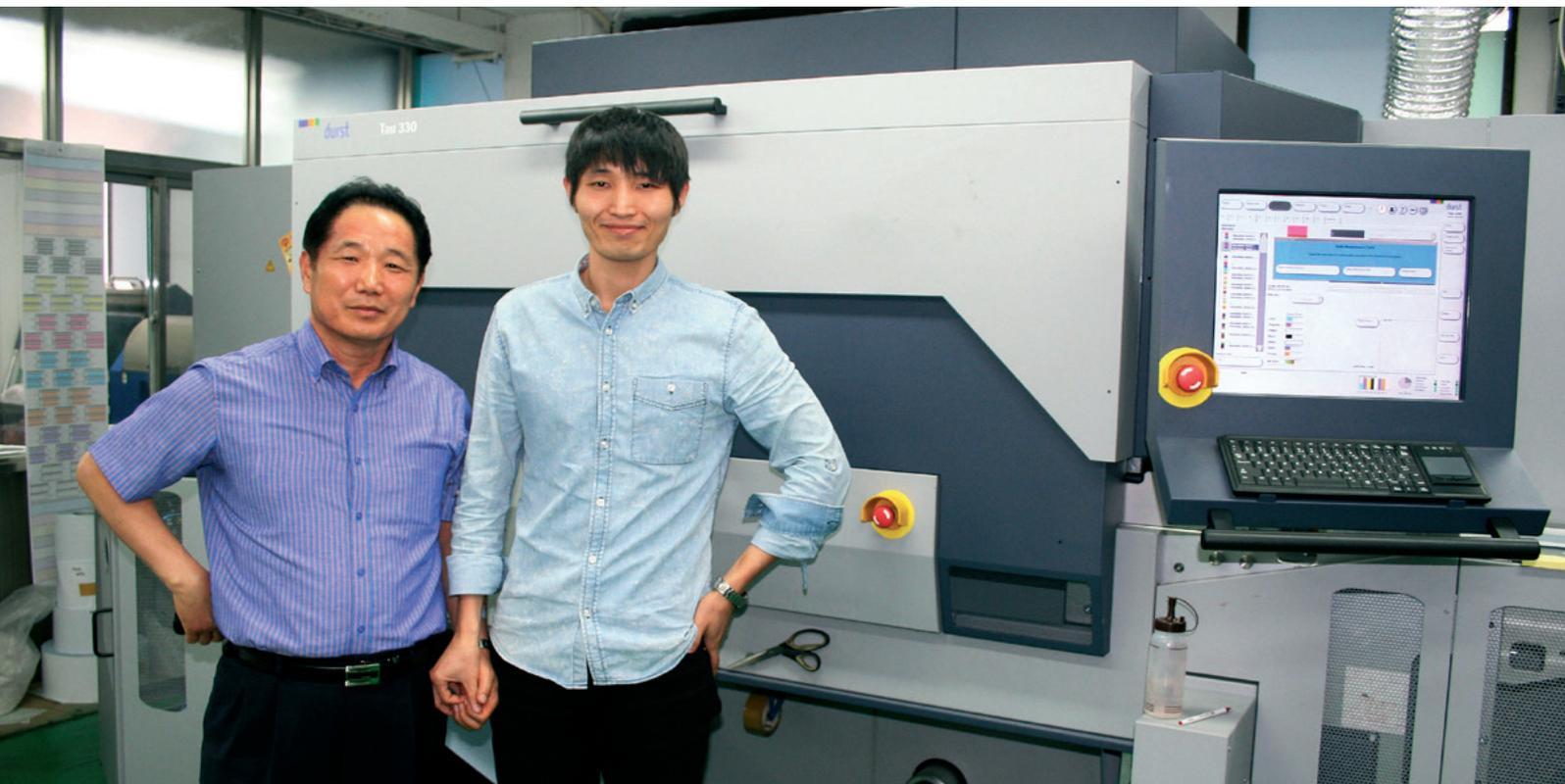


Durst Tau 330 allows efficient production and reduces overtime



Komax Industry
 Busan, South Korea
www.tpkomax.com

Since, at Komax Industry in Busan, a Durst Tau 330 was installed no more overtime work is required, for the delight of both employees and employers alike. The label inkjet press, suitable for printing substrates of up to 33 cm wide, in fact reduces their monthly running costs by 24,000 Euros.

"We were really impressed by the extraordinary productivity and versatility of the Durst Tau 330. By far it is superior to any other product on the market", says satisfied Gi-Cheon Seong for the South Korean printer. When the Komax Industry was started in 1988 with only two employees, the company was a pioneer in the emerging "Busan Printing Town", the first area in Korea entirely dedicated to printing and media production. As of today dozens of companies are established in Busan, the second biggest South Korean city where 3.5 millions people live, 4.6 million within its entire metropolitan area.

The port city, facing the Japan Sea, is considered a rapidly growing industrial centre in particular for fishing, machinery, naval shipyards and the automotive industry. The demand for printing products continues to increase and in particular the demand for labels. Komax Industry, who have hired eleven employees, produce around 13,000 different label applications, such as medical products, band aids and other medical materials, but also barcode labels for food packaging and goods transported via sea.

Consumer goods, totally customised

During the last years demand in the important automotive battery field has increased substantially. Previously the label market was a just for the mass market, with thousands of identical labels suitable for conventional printing processes. Today, labels must be printed in low volumes, must have bar codes and consecutive production numbers. That is why the solution cannot be anything else but digital print.

When searching for a suitable supplier for the digital printing of labels, Komax Industry found out that the high production and maintenance costs of the toner based systems could end up "eating" all the profits. Thus these solutions were not suitable for markets that offer only a very low margin per label. Luckily, at the DdP Story expo, a new partner entered the market who, as the Korean distributor for Durst Phototechnik AG products, showed Gi-Cheon Seong the Durst Tau label printer, based on UV inks. The Durst Tau Series, presented for the first time in 2013, includes the Tau 330 model, with a print width of up to 33 cm, and the Tau 330/200 with a print width of up to 20 cm, both offering a wide variety of print media (PP, PE, PVS and paper). Due to the Durst inkjet single pass patented technology using UV inks, the Tau 330 reaches a production speed of up to 48 m/min. In high quality production mode, the print heads offer a resolution of 720 x 1260 dpi. Presses can be easily expanded, and can be configured to include up to seven colours. Beside process colours cyan, magenta, yellow and black, an additional violet, orange and white can be added as an option.

At Komax Industry they are enthusiastic also for the quality of print, colour space and uniformity of colours, which Durst Tau is always able to offer. Specifically for car batteries labels, customer requirements are always very high. For this reason Gi-Cheon Seong is convinced that Durst Tau is "the best machine on the market for any extremely competitive sector". Beside satisfying current requirements, Durst Tau 330 will enable the company to "shine" also in future markets. Thanks to the sophisticated software for the variable data printing, inside the label design not only consecutive numbers and bar codes can be inserted, but also texts, matrix bar codes and images. Entire series of labels formed individually could be printed.



Post-print stage according to field standard

Currently, beside the Durst Tau 330, Komax Industry still uses four conventional presses but already the UV printer supplies around 30-40 % of the entire production volume. Digitally printed rolls are placed in the queue inside the normal post-print production flow, guaranteeing an efficient operation. According to calculations made by their administration department, thanks to the Durst Tau 330, all additional costs so far related to overtime were sizably reduced and finally at Komax the evening closing time is now maintained. Beside savings of about the 40 % due to the elimination of print proofs necessary in conventional print, at Komax Industry monthly running costs were reduced by a total of 24,000 Euros; good news for the entire company!



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