

## Press Release

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# Innovations for Inkjet Printing

## At Fespa 2012 Dr. Hönle AG presents a product novelty for the large format inkjet printing

The UV specialists of Hönle present their latest developments for inkjet applications from 21th until the 24th February at the Fespa 2012. The shown product range spreads from high-end UV curing systems to highly innovative UV LED dryers.

Amongst them the very successful **LED Powerline**. This highly efficient UV LED unit is not only suitable for pinning, but also for final curing in inkjet printing. The LED Powerline is available in different lengths (variable in 40 mm steps) and in the wavelengths of 365/375/385/395/405 nm. Thus it can be optimally adapted to any application.

During the recent months Hönle was once again able to stress their position as worldwide market leader for UV curing systems for larger format inkjet printing – especially by developing the new **jetCURE serial**. These high performance UV curing units (up to 240 W/cm<sup>2</sup>) permit perfect curing even at fastest production speeds and lead to a considerably improved printing quality.

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jetCURE systems are equipped with IR absorbing reflectors for temperature sensitive materials and are available in lamp spectra which are optimized to the particular printing inks. The highest degree of customer focus possible!

### **Efficiency gains with electronic power supplies**

The use of Hönle electronic power supplies (EPS) can improve the drying process even further. EPS technology reduces the energy required to operate the UV drying system while keeping productivity levels constant. The electronic power supply has a power of 10 kW and can be regulated between 15% and 100% as needed. When cascaded, EPS units can achieve a total power of 12 kW.

Dr. Hönle AG is the UV specialist also in developing customized solutions. An extremely high in-house production depth and group-internal manufactured peripheral devices, such as UV lamps or reflectors, guarantee not only high-tech solutions at best quality, but also customer service at the best.

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**About Hönle:** The Dr. Hönle AG, head of Hönle Group, is one of the world's leading suppliers for industrial UV technology. The UV specialist, who is noted on the stock exchange, develops, manufactures and distributes UV systems, UV lamps and UV measurement equipment worldwide. The systems are used in the cross-linking of photo-reactive substances, for surface sterilisation and solar simulation.

Hönle products are used in manufacturing processes in electronics, microelectronics, precision engineering and the optical industry, and in the printing, automobile, aerospace, pharmaceutical and photovoltaic sectors.

For years the UV specialist Hönle has been very successful in the curing and coating technology. The innovative Hönle UV systems can be integrated easily into particular manufacturing processes where they achieve excellent results.

**About the Hönle Group:** In addition to the original parent company, UV systems specialist Dr. Hönle AG, the Hönle Group also comprises of the UV dryer specialists PrintConcept (rotary printing) and Eltosch (sheet-fed offset printing). Further subsidiaries are the experts for lamp manufacturing Aladin GmbH (UV lamps) and UV-Technik Speziallampen GmbH (UV/IR lamps), the specialist for professional lightning technology Mitronic GmbH as well as the adhesives specialist Panacol.

The German based Hönle Group has local subsidiaries in China, France, Spain, United Kingdom and the USA and a sales office in Italy. The Hönle Group also has an extensive worldwide network of experienced sales and service partners.