

Press Release

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More efficient than ever before

At InPrint 2019 UV specialist Hönle presents their latest LED curing systems for digital and inkjet printing applications.

Industrial printing applications are various. It is all about printing on diverse materials and shapes. Whether web-type material or 3-D components, the focus is on a high-end printing product and an efficient printing process. To achieve both, it is important to involve the right drying or curing system.

This is offered by Hönle. At this year's InPrint the UV specialist shows their latest developments in LED-UV curing technology for digital and inkjet printing.

One show-highlight is the new [jetCURE LED](#). This LED-UV curing system was specially developed for inkjet printing applications where it is used for pinning and final curing. Depending on LED assembly and wavelength, it reaches **extremely high intensities of up to 18 W /cm²** which guarantee a lightning-fast and reliable cure of the inks and thus allows very fast line speeds.

The width of the light aperture is optionally at 20 mm or 40 mm. In combination with a continuous power control between 5 % and 100 % the curing properties of jetCURE LED can be optimally adapted to each printing substrate.

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The lengths of jetCURE LED is variable and can be increased in a 41 mm grid from 82 mm up to 656 mm. Customized designs are possible. Thanks to its variability, jetCURE LED can be applied for any inkjet printing process – **from narrow web to XXL.**

jetCURE LED is **offered in two versions** which differ in the discharge of the exhaust air.

Also on the show: [LED Powerline AC/IC HP](#). This air-cooled UV-LED high-power unit with intensities up to 16 W/cm² combines compact design and low weight. Integrated in the LED module is an intelligent control electronics.

LED Powerline AC/IC HP is available in two versions referring to performance and size of the light aperture. For larger irradiation widths, **several LED-heads can be connected without any gaps.**

If a plug & play control should be preferred, LED Powerline AC/IC is also available with the new **LED powerdrive IC**. All important settings can be carried out on its well-arranged display where the actual status information can be seen at one glance, too.

[LED Powerline LC](#) is a water-cooled high-performance LED-UV array which can be integrated into the smallest spaces of the printing machine. This tried and tested LED system is used for a multitude of inkjet applications.

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LED Powerline LC as well as the slim version of LED Powerline AC/IC HP can be equipped with a **quartz glass rod lens to focus the UV irradiation on the substrate** and thus to reduce the stray radiation to a minimum.

Visit us at InPrint, hall A6, booth 441.