

## **UVITERNO AG**

### **UV-CURING TECHNOLOGY FOR NARROW & MID-WEB, OBJECT, CUP, INK-JET PRINTING PRESSES.**

The **uviterno ag** was founded in 1986. Already in its early days, the **uviterno ag** was among the pioneers of UV technology. Through continuous development and improvement of existing technologies and the willingness to invest capital in new products, the **uviterno ag** succeeded in positioning itself as a global supplier of manufacturing machine equipment to world-class machine builders in the printing industry.

Through the close cooperation with our customers and partners, we are able to spot new requirements early on and to adapt our products continuously to permanently changing conditions. Today the **uviterno ag** belongs to the leading manufacturers in the field of UV technology. The technical know-how and more than 20 years of experience with solutions in industrial UV technology form the basis for the successful development of our company.

At Grafitalia **uviterno ag** is exhibiting two UV radiation heads. The SRK-A4, is an air-cooled radiation head, and the SRK-B4, a combined air-/water-cooled radiation head, both designed to meet the requirements of rotative as well as intermittent narrow web printing machines with a print width up to 21". Both the enhanced lamp and reflector geometry and the protective quartz plate with new high-tech coating (WSF-T1) form part of the standard equipment. The heat-absorbing filter (WSF-T2) contributes to reducing the temperature of the substrate. The transmission efficiency of the UV dose is also improved thanks to this special coating technology.

The electrical power supplies PHASER 8digital as well as the UVC-Controller offering pluggable bus connection device, integrated PLC (programmable logic controller) for triggering all relevant functions of the **uviterno-UV** radiation heads. Communication of single UVC-Controllers for multi-UV-systems as well as CE- and UL-conformity provide a real advantage in 6-12 kw range of performance. In comparison to regular EPS (electronic power supplies) the solid construction allows the implementation of multi-UV-systems by saving space.

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