



UV Curing Systems for Inks, Varnishes, Coatings, and Adhesives

DSK Web-Line & DSK Web-Line Pro

UV Radiation Head for the Narrow Web Market

Features of the DSK Web-Line UV Platform

- Attractive price/performance ratio
- Long service-life of internal components
- Extraction of undesirable volatile emissions
- Arc lengths of UV lamps enabling different working widths
- Small and compact footprint, easy to fit into tight spaces
- Detachable slide-in technology for easy access to spare parts

DSK Web-Line

- Air-cooled UV curing system
- Power up to 150 W/cm
- Can be upgraded to **Pro** water-cooled version

DSK Web-Line Pro

- Air- and water-cooled UV curing system
- Power up to 200 W/cm
- Water-cooled reflectors assisting heat reduction
- Reduced airflow for cooling/extraction

Available as option

- Customer-specific frames and light protection
- Doped UV lamps to adjust the emission spectrum
- Heat reduction components such as dichroic reflectors and quartz windows with IR filters
- ExPo-Kit to boost efficiency for curing of low migration varnishes

Offering a solution for an optimal use of low migration printing inks, **uviterno** has developed a sophisticated UV curing system, based on air cooling with the **DSK Web-Line**, and a combination of air and water cooling with the **DSK Web-Line Pro**.

By combining essential strengths of high efficient components, the **DSK Web-Line** leads to a greater productivity of all established printing machines.

The cooling system of this smart UV radiation head uses the air from the surroundings, draws it through a filter, and subsequently cools the internal components, ensuring them a long service life. This process also extracts undesirable volatile emissions from the printing machine. Compact and flexible, its design allows for versatile installation and working width possibilities.

Using an additional water cooling system, the **DSK Web-Line Pro** increases the output power by more than 30%, enabling a higher printing speed, and providing a power reserve for hard-to-cure formulations.

Specifications	DSK Web-Line	DSK Web-Line Pro
UV rated power output	150 W/cm	200 W/cm
UV lamp arc length	200 to 550 mm	
Dimensions WxHxL	100x140x(arc length + 400) mm	
Shutter function	pneumatic	
Mounting position	any	
Ambient temperature	max. 40 °C	
Cooling method	air	water and air

