



Your Partner in IR and UV Technology

Offset UV LED Curing System





Precision Curing for Sheetfed Offset

Our Offset UV LED curing system gives sheetfed printers the consistency, control and cost savings that traditional mercury arc lamps just can't match.

Designed to retrofit onto new and existing presses alike, our system delivers 20 W/cm² of optical intensity across a customisable curing width, cutting energy costs by up to 60% while protecting your press, your inks, and your bottom line.

High-Performance 20 W/cm² LED Technology for Sheetfed Offset Printing



Features

1. Consistent, Complete Curing

- Our LEDs hold their output steady over time, unlike traditional UV lamps, which degrade.
- Full curing reduced ink residue, protects the blanket from contamination, and improves adhesion to the substrate.

2. Lower Running Costs

- We help you save on routine maintenance and lamp replacement, with electricity costs cut by up to 60% compared with mercury arc lamps.
- Precise temperature control locks in colour accuracy and gloss, so there's no ink degradation to chase down.

3. Instant On/Off Operation

- No warm-up, no cool-down — full curing power the moment you need it.
- We cut downtime and power draw every time the press stops.

4. Built to Protect Your Press

- Lower operating temperatures prevent gripper loosening and blanket ageing.
- Reduced heat means we can handle heat-sensitive substrates with ease, widening what you're able to print.

5. Simple, Flexible Integration

- Customisable curing widths and mounting brackets mean we can retrofit onto new and existing presses, including Heidelberg, Komori, Mitsubishi, Man Roland and KBA lines.
- Our UV LED lamps switch freely between printing interdicts, and can combine with existing UV to fully cure varnish.

6. Smart Control, Total Peace of Mind

- Fine-tune every parameter through PLC + HMI control, with real-time monitoring of temperature, current and voltage.
- Built-in alarms and safety limits keep operation safe, backed by our technical support.

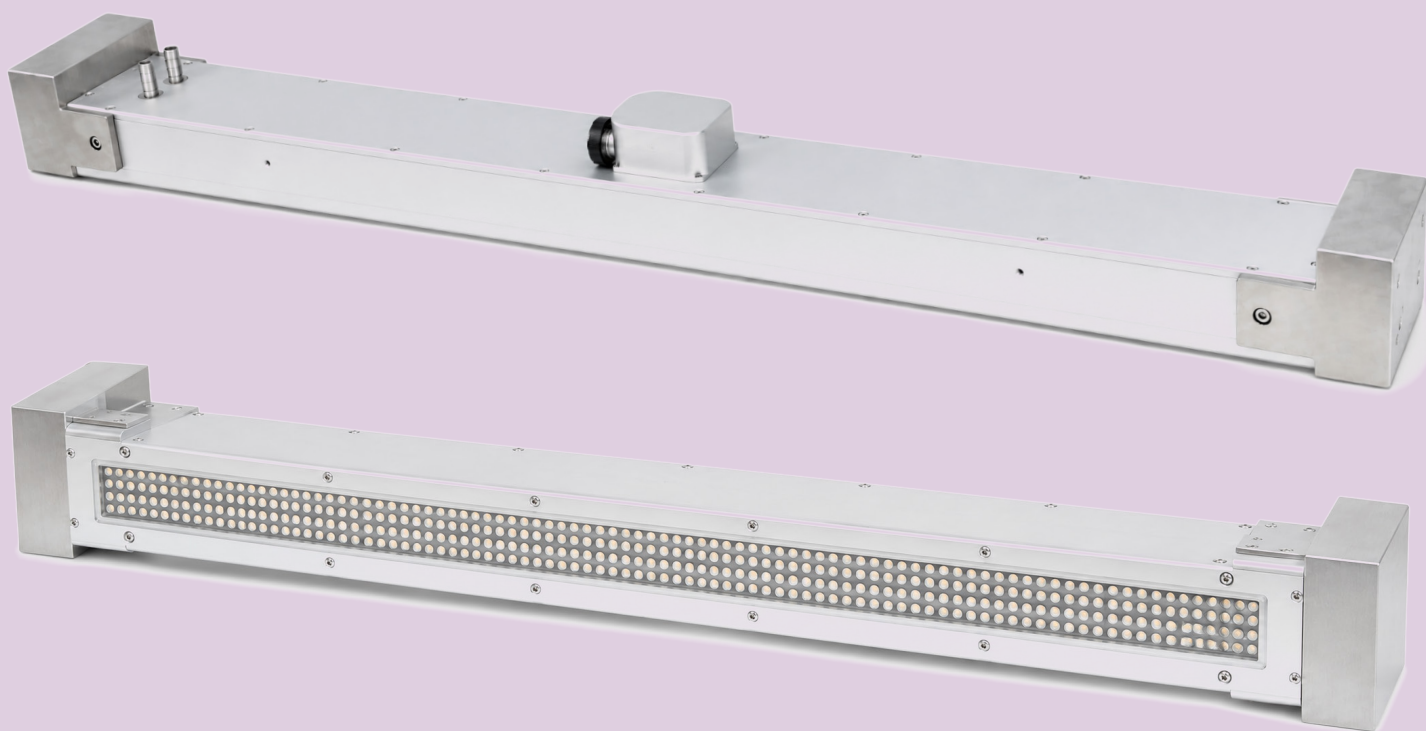


Technical Data

OFFSET UV LED CURING SYSTEM

Technical Specifications

Parameter	Value
Optical Intensity	20 W/cm
Wavelength Options	385 nm / 395 nm
Cooling Method	Water-cooled
Curing Width	Customisable
Control Type	PLC + HMI
Power Adjustment	Digital dimming (1–100%)
Voltage	AC 220/380 V (50/60 Hz)
Lifetime	≥30,000 hours
Ambient Temperature	-20°C to 50°C
Relative Humidity	25%–80% RH



Whether you're **curing varnish, primer, or ink**, on a brand-new press or retrofitting a machine you've run for years, Victory Offset UV LED curing system gives you the **intensity and control** to keep quality consistent, run after run. It's built to **integrate** with presses you already trust - including Heidelberg, Komori, Mitsubishi, Man Roland and KBA — with **flexible** switching between printing interdecks and the option to combine with existing UV for **fully cured** varnish.



Technical Data

OFFSET UV LED CURING SYSTEM

Applications

- Sheetfed offset printing
- Varnish and primer curing
- Retrofit installations on existing presses
- New press integration

Benefits

- Up to 60% power saving vs. mercury arc lamps
- Compact, easy integration
- Instant on/off operation
- Long service life — 30,000+ hours
- Proven, stable performance



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