

IST UV SYSTEMS FOR METAL DECORATION

KBA PRINTING DEVICES (METALSTAR 2)

It is important to maximise the production possibilities that new automation provides. IST UV solutions are designed with optimum reliability as a priority and this is achieved by incorporating outstanding heat management possibilities and total production flexibility.

THE UV PACKAGE FOR KBA METALPRINT METALSTAR PR (KBA PRINTING DEVICES)

URS® INLAY REFLECTOR TECHNOLOGY

URS® reflectors are what are known as cold mirror reflectors, fitted with more than 60 different metal oxide layers that only reflect the UV light and deflect the thermal radiation to a water-cooled profile. These highly resistant reflectors boast an extremely long service life and optimum heat management.

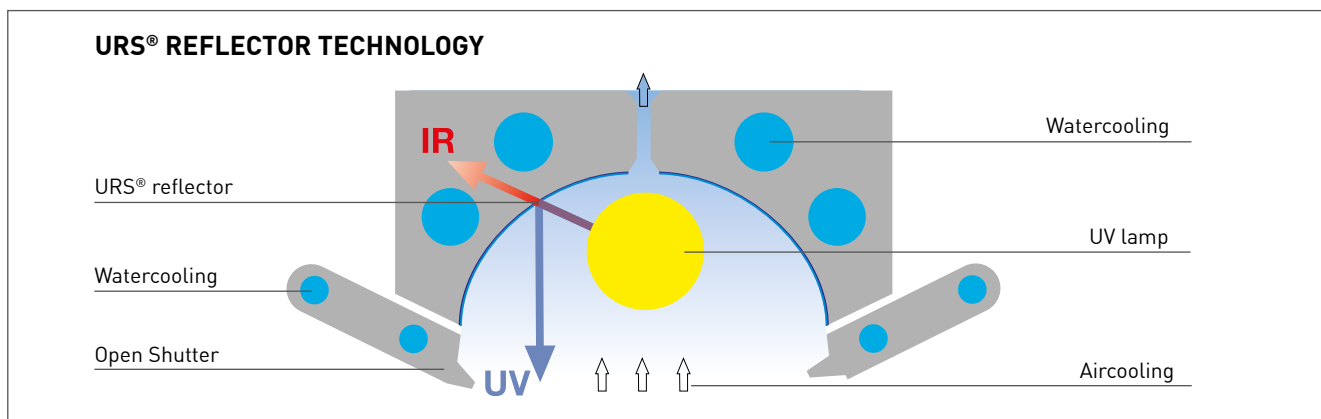
The reflector inlays are force-fitted to the unit, facilitating an easy replacement of the half shells. For example, simple replacement of the reflectors is interesting if the curing result can be improved by a different reflector geometry or coating for specific printing jobs.

COOLIN SYSTEM

Water-cooling of the shutters and reflectors ensures that excess heat is efficiently carried out of the press. Also, the integrated air-cooling provides for optimized output of the UV lamp as well as removing small traces of ozone.

ELECTRONIC POWER SUPPLY DEVICES

Linked to the printing speed, the ELC® controller can continuously adjust the lamp output between around 30 and 100%. In standby mode, the power is automatically reduced to a minimum.



FLEXIBLE INTERCHANGE OF UV INTERDECK UNITS

When required, the UV interdeck units can be moved to different positions. A mechanical preparation of the respective printing station ensures easy movability.

UV INTERDECK CURING

- UV unit placed on support brackets
- Upward removal between print units
- Plug-in power connections on the drive side

ALSO IN OUR PROGRAMME

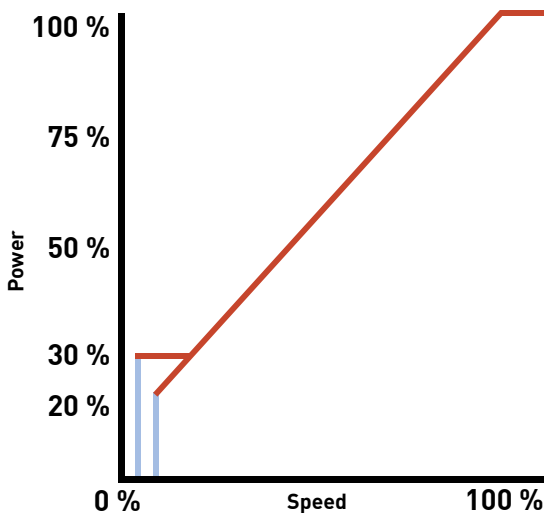
- UV Set-Stack units
- UV Undercure units
- UV Pre-Coater



UV User Control Systems Smart Control



IST UV interdeck curing



Electrical lamp control (ELC[®]) for highest demands and best energy savings in UV printing



Typical Set-Stack Unit

WE HAVE THE CURE

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