

# IST UV UNITS FOR KBA METALPRINT METALSTAR PR (KBA PRINTING DEVICES) (METALSTAR1/M-RUNNER/VARIMAT)

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 METALLSTAR 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.

### COOLING SYSTEM

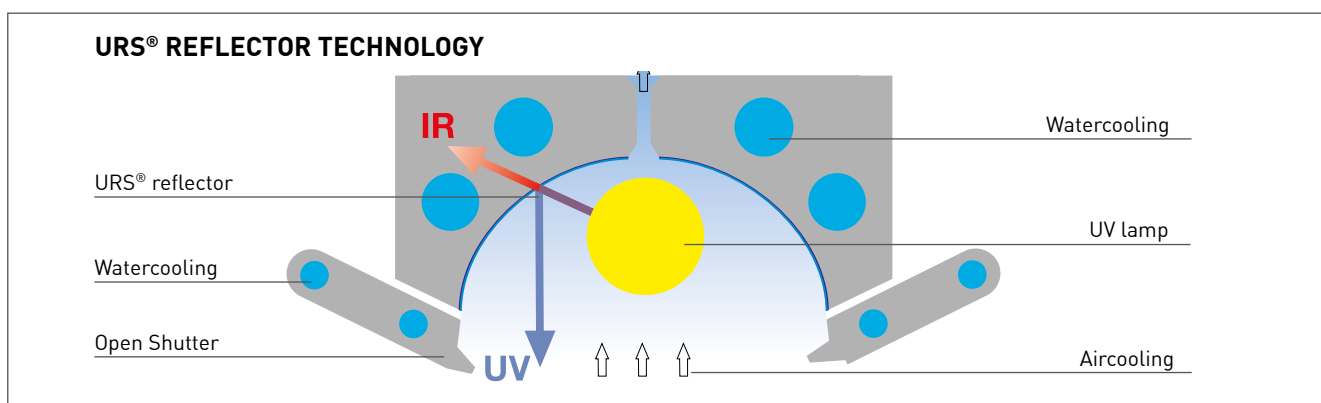
Water-cooling of the shutters and reflectors ensures that excess heat is efficiently carried out of the press. Also, the integrated air-cooling provides for optimized output of the UV lamp as well as removing small traces of ozone.

### 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.



## OPERATOR FRIENDLY CONTROL SYSTEM UCS

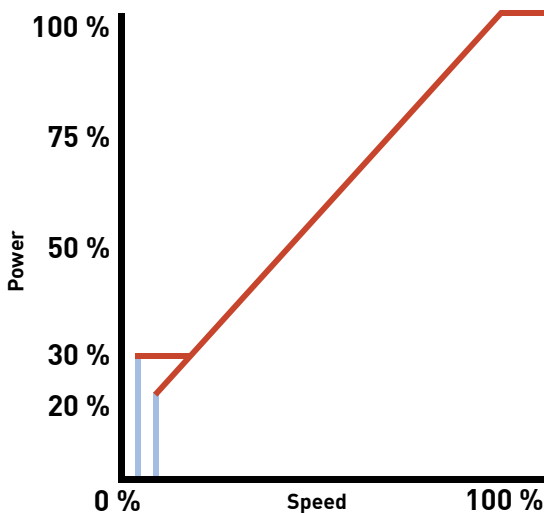
Complete operation of the UV unit is managed by the UCS control terminal, which is installed adjacent to the control desk of the press.

## UV INTERDECK CURING

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



UV interdeck curing



Electrical lamp control (ELC<sup>®</sup>) for highest demands and best energy savings in UV printing

## ALSO IN OUR PROGRAMME

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



Typical Set-Stack Unit

## WE HAVE THE CURE

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