



## MBS C HIGHLY EFFICIENT UV TECHNOLOGY



The MBS<sup>®</sup>C (Modular Building Block System compact) is a UV system. Compact and powerful with an output of 200 W/cm for high curing requirements.

### **ELECTRONIC POWER SUPPLY ELC-XI**

MBS<sup>®</sup>C UV systems are fitted with the same ELC<sup>®</sup>-Xi type electronic power supply devices as standard. They can be used to continuously regulate the dimming range of the UV lamp. The compact stacking concept reduces the required space by up to 50% and guarantees easy access to the devices at all times.

### **UV MEASURING**

With the UV Analyzer, an app-based UV measuring device enables the output to be controlled as required, thus preventing machine downtimes.

### **WARRANTY**

IST METZ provides a warranty for 10,000 operating hours on URS<sup>®</sup> type reflectors and 2,500 operating hours on UV lamps.

### **ECONOMY**

In addition to savings achieved by low-energy production, the availability of the printing press can also be improved. The MBS<sup>®</sup>C has been specifically designed to ensure that machine downtimes are reduced. All servicing work can be performed quickly and easily, saving both time and money

### **MBS<sup>®</sup>C**

UV curing with an air-cooled lamp system with 200 W/cm.

### **URS<sup>®</sup> TURNING REFLECTORS**

The URS<sup>®</sup> turning reflectors used with cold mirror technology lead to a reduced web temperature. The reflectors are made up of cold mirror reflectors with more than 60 different metal oxide layers. The particularly resistant reflectors are characterised by very long service lives and optimum heat management.



## AIR COOLING FOR LAMPS

The exhaust air volume and the air flow for cooling the MBS<sup>®</sup>C UV unit have been optimised for low flow speeds, resulting in a very low noise level. Machine downtimes for cleaning are thus kept to a minimum.

## SMART CONTROL

The new modular UV systems from IST METZ are equipped with the Smart Control system user interface. This makes the operation of UV systems clear, it is easy to use and it allows straightforward integration into the control systems of all common kinds of printing press.

## QUICK-CHANGE CASSETTE

The MBS<sup>®</sup>C is equipped with quick-change cassette. The inner housing with lamp, reflector and swivel drive can simply be pushed into the outer housing. All supply connections can be plugged in automatically. The exhaust air volume and the air flow for cooling the unit have also been optimised to reduce soiling of the lamp and reflector. Machine downtimes can thus be reduced to a minimum.



	MBS <sup>®</sup> C
UV technology	lamp
Power level	200 W/cm
Cooling	air-cooled
Electronic power supply device	ELC <sup>®</sup> -Xi
Housing	Slide-in
Run-up time	approx. 45 s
Heat Management	optimized for air cooling
Spectrum – standard	Hg
Spectrum – versions	Fe, Galn (on request)
Options	<ul style="list-style-type: none"><li>▪ Substructure for chill rolls</li><li>▪ Substructure with integrated counter panel</li><li>▪ Customised versions</li></ul>
IST Remote	<ul style="list-style-type: none"><li>▪ IST Remote Prepared</li><li>▪ IST Remote</li></ul>

## WE HAVE THE CURE

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