

# RETROFIT UPGRADE YOUR PRESS WITH UV LAMPS OR LED SYSTEMS



Are you ready to upgrade your conventional sheetfed offset printing operation to embrace the benefits of UV or LED curing?

## GREAT!

**Our professional team will support you to find the perfect solution.**

### THE PROCESS IS SIMPLE:

- We check the press requirements and make your press ready for an UV or LED curing solution
- We install the UV or LED curing solution
- We support you in all aspects of your UV or LED curing printing operation
- Remote Support available

### PRESS REQUIREMENTS

	LEDcure	LAMPcure
<b>Print units</b>		
<b>Ink rollers</b> UV or combi rollers, to have a good resistance against swelling of the rubber material.	●	●
<b>Dampening rollers</b> Material with hydrophob (water repellent) characteristic for the pan roller shows advantage for ink-water balance.	●	●
<b>Dampening solution</b> Ph level buffer to the needs of UV application to ensure a stabile ink-water balance.	●	●
<b>Ink duct foil (UV suitable)</b> For HD machines with a thickness @ 0,3 mm or special foil with metal support. Reason abressive ink.	●	●
<b>Ink agitator</b> UV inks are having the potential to hang back in the ink fountain. Ink agitators keep the ink in movement to eliminate such cases.	○	○
<b>Sealings/hoses for wash up devices</b> To avoid damages and leakages of parts and hoses. The involved parts needs to be resistant against the UV ingredients.	○	○

● / ● modification essential  
○ / ○ modification recommended

*Continued on next page*

	LEDcure	LAMPcure
<b>Print units</b>		
<b>Wash up blades</b> Due to the contact to the UV ink and UV wash up solution a resistant material is required.	●	●
<b>Sensor covers</b> Only for LAMPcure application, due to the higher temperature.	●	●
<b>Hose covers</b> Only for LAMPcure application, due to the higher temperature.		●
<b>UV suitable offset plates</b> Baked plates or special offset plates with durability to UV wash and UV inks.		●
<b>UV suitable blankets</b> Similar to the UV rollers, to have a good resistance against swelling of the rubber material.	●	●
<b>Footboard modification</b> Depending to the machine model. To get the interdecks installed between the printing units.	●	●
<b>Fußtrittanpassung</b> Je nach Maschinentyp, um Zwischendeckrockner installieren zu können.	○	○
<b>Coater</b>		
<b>UV suitable pump</b> Sufficient pump rate to the viscosity of UV coatings. Hoses and internal parts with UV suitable materials.	●	●
<b>Delivery</b>		
<b>Coolable sheet guide plate</b> To avoid a damage of the sheetguide plate due to the temperature.	●	●
<b>Other</b>		
<b>Cylinder cover/jackets</b> To avoid corrosion cases.	○	○
<b>General cleaning of the press</b> Cleaning and powder removal for trouble free installation.	○	○
<b>UV resistant oil &amp; grease</b> Has to be changed before start up to avoid change of the lubricant characteristic due to the temperature influence.	●	●
<b>Light protection</b> To keep the UV light inside of the machine. Certificated through the BG.	●	●
<b>Dryer/machine interface</b> For safe operation with all required safety features.	●	●
<b>Network access</b> For remote service access.	○	○

- /● modification essential
- /○ modification recommended

## WE HAVE THE CURE

IST METZ GmbH & Co. KG  
Lauterstraße 14-18 | 72622 Nürtingen | Germany  
Tel.: +49 7022 6002-0 | Fax: +49 7022 6002-76  
E-Mail: info@ist-uv.com

IST France Sarl | info@fr.ist-uv.com  
IST (UK) Limited | info@uk.ist-uv.com  
IST America – U.S. Operations, Inc. | info@usa.ist-uv.com  
IST Italia S.r.l. | info@it.ist-uv.com  
IST Benelux B.V. | info@bnl.ist-uv.com

IST METZ UV Equipment China Ltd. Co. | info@cn.ist-uv.com  
UV-IST Ibérica SLU | info@es.ist-uv.com  
IST Nordic AB | info@se.ist-uv.com  
IST METZ SEA Co., Ltd. | info@th.ist-uv.com