

Control panel  
on the coating  
machineControl panel on  
the 122A printing  
unitControl panel of  
the 122A roller  
washing system  
(optional)

# Modern control and drive system

## For LTG Mailänder printing and coating lines

### Electronics can also grow old!

The availability of spare parts for PS3/PS4 PLC controllers by Klöckner-Möller can no longer be guaranteed. The relevant software is not consistently supported either. With this upgrade, the PLC controller as well as the Synchro line synchronisation system will be converted to the latest Siemens S7 controller with Lenze drive technology, currently available worldwide.

The display and operating system on each printing unit will also be modernised. In printing lines, a special PLC program developed by KBA automates the start-up of the individual press functions. New technologies like remote maintenance will assist you during troubleshooting.

This upgrade is suitable for all LTG Mailänder printing and coating lines up to year of construction 2000.

Depending on the technical configuration of your equipment we can offer a comprehensive consultation service. We will be pleased to supply you with a quotation tailored to your specific needs. Please feel free to contact us.  
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The advantages	Your benefit
<ul style="list-style-type: none"> <li>Modern Siemens S7 controller with worldwide availability</li> </ul>	<ul style="list-style-type: none"> <li>Prevention of an unexpected downtime lasting several months for the planning and conversion of the controller</li> </ul>
<ul style="list-style-type: none"> <li>Frequency converter with asynchronous three-phase AC motor</li> </ul>	<ul style="list-style-type: none"> <li>Low electricity consumption, maintenance-free motor</li> </ul>
<ul style="list-style-type: none"> <li>Modern drive concept</li> </ul>	<ul style="list-style-type: none"> <li>More precise positioning, even in inching mode</li> </ul>
<ul style="list-style-type: none"> <li>Remote maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Assistance in troubleshooting</li> </ul>

A modern drive concept synchronises the various units by means of frequency converters with direct rotary encoder addressing. The drive package replaces the direct current controller and motor with a frequency converter with asynchronous three-phase AC motor.

Depending on the version, the mechanical shaft of the drying oven loading machine will also be converted to self-drive with electronic synchronisation. The monitoring of the speed in inching mode provides additional security for the operator.

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