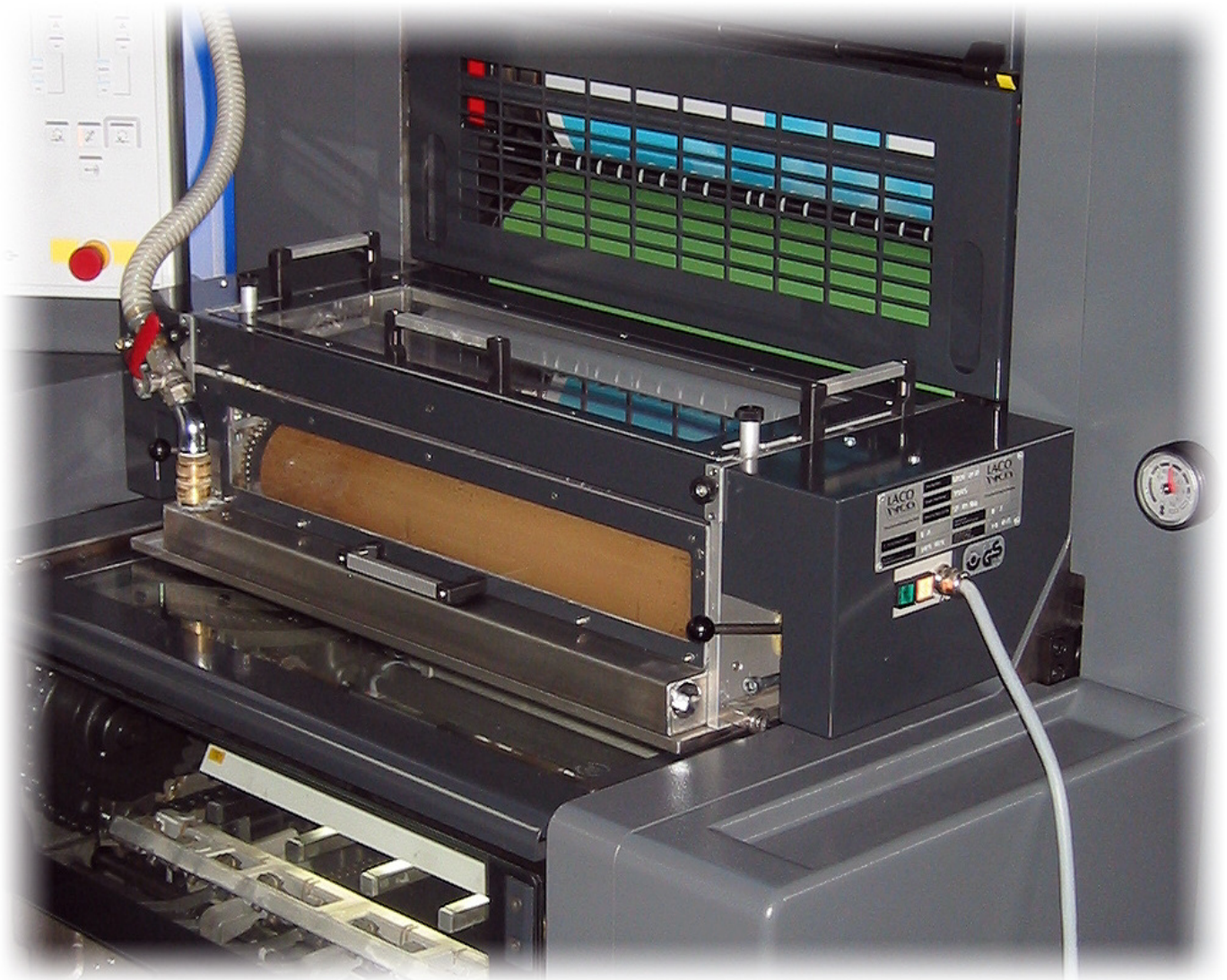




LACO SP 52 Inline Coating Units



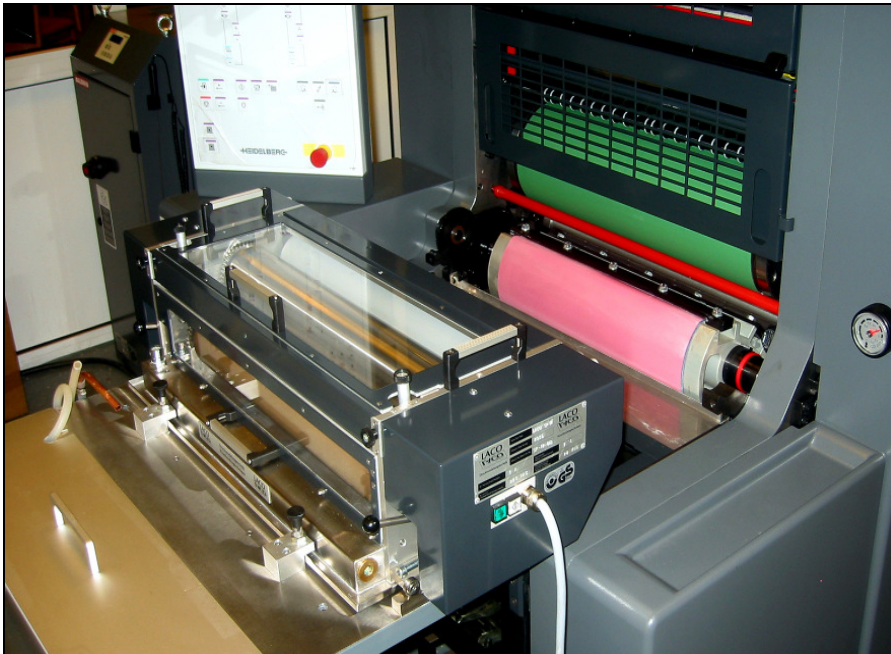
for Heidelberg Printmaster **PM 52** and Speedmaster **SM 52**
Presses with standard low pile deliveries and Plus Versions

Economical coating productions with **Water based-, UV- and Blister pack coatings** in one sheet pass with the printing process

Especially suitable for the production of **Digital Primers** with very low viscosities due to its wide range of application amounts and varied use of many kinds of different rubber blankets

LACO SP 52 Inline Coating Units are designed to work only on Heidelberg **Printmaster PM 52** and **Speedmaster SM 52** Presses with standard low pile delivery.

As pre- condition to attach a LACO SP 52 coating unit to a low pile Heidelberg PM/SM 52, the corresponding press must be equipped with a **Plus Version** (Numbering and Imprinting preparation), as well as with an **Interface STA Adaptor**. If not already present in the press, an Interface STA Adaptor can be retrofitted by Heidelberg agencies.



LACO SP 52 on a Heidelberg Printmaster **PM 52** press.

The coating unit is placed on the Service trolley in front of the **LACO ESP 52** imprint cylinder, ready to insert into the press delivery.

On this imprint cylinder, rubber blankets are mount, for coating transfer to the printing sheets.

A Cleaning of the coating blanket is possible without the need to take the coating unit out of the press.

LACO SP 52 coating unit on a Heidelberg Printmaster **PM 52**.

Inside the delivery, a **LACO LIR 52** Infrared dryer is integrated.

This air cooled **IR-dryer** enables an increased production safety.

Hot air, created by the IR- lamps, gets blown over the printed and coated sheets.

Oil based inks and water based coatings which are printed and coated inline (wet-on-wet production) get a sufficient drying support through the IR-dryer.



LACO SP 52 coating units are designed as 3- roller system, constructed and built of anodised Aluminium and corrosion free stainless steel rollers and parts. Through the electro- mechanical connection to the Plus Version of the press, an absolute synchronized production at all press speeds is guaranteed. The rollers are resistant against UV- coatings, therefore a production with many suitable kinds of water based and UV- coatings as well as with Digital Primers is possible.

Properties of a LACO SP 52 coating unit

Increase in Productivity of a Heidelberg PM/SM 52 press through printing and coating in one sheet passage without the need to use and block a printing unit for coating application.

Refinement of printed sheets by increased Gloss and Contrast.

Increased Protection of the printed surfaces against various influences.

Economic make-ready and cleaning times.

Time saving by earlier possible processing of printed and coated sheets.

Reduced spray powder is possible (no spray powder at all for UV- coatings and Digital Primers).

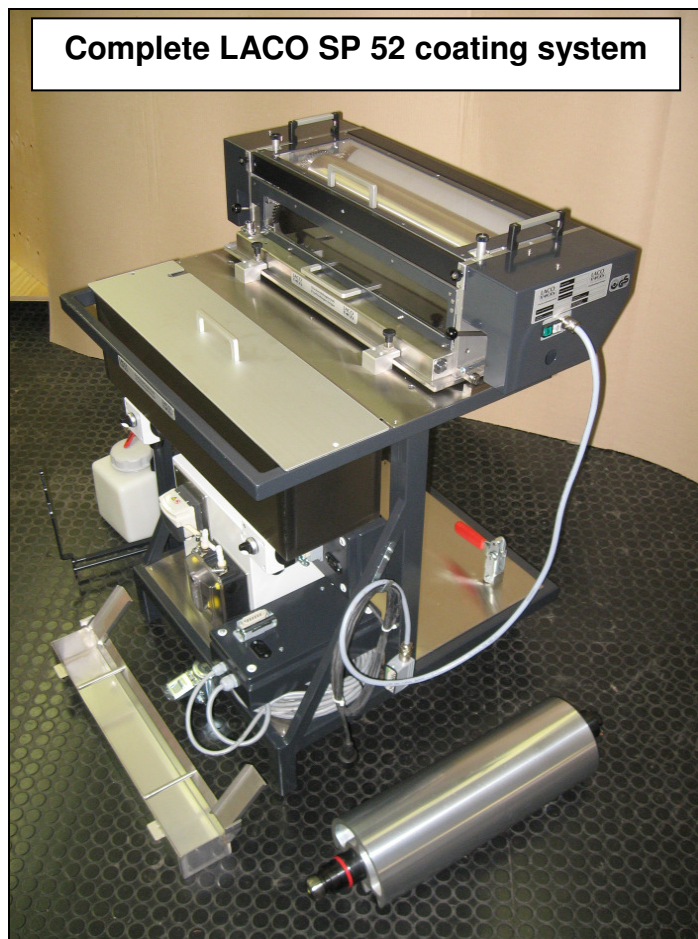
A saver Production by reduced blocking, sticking and glueing tendencies of the coated sheets.

Special Production possible like **Effect coating** with oil- based overprint varnish and Hybrid UV- coating to achieve Spot coating results without Photopolymer plates.

In Combination with an **IR- dryer** additionally **increased Production Safety** is achievable.

Technical Specifications of a LACO SP 52 coating unit

- **Adjustable** coating application amounts from 1 – 10 g/m²
- **Idle motion** of the rollers to prevent drying of coatings and Primers, when the press stand still
- **Service trolley** for an easy handling, moving and cleaning of the coating unit



Complete LACO SP 52 coating system

Technical Data:

Max. coating size:	500 x 350 mm
Gripper edge:	10 - 12 mm
Coating speed:	maximum 10.000 sheets/h, according to the drying properties of the used products
Suitable products for application:	Water based-, Blister pack-, UV- coatings and Digital Primers
Coatings Viscosity:	10 - 40 Seconds DIN 4

LACO 52 coating systems include:

- LACO SP 52 coating unit
 - Control box and Special protection guards
 - Service trolley
 - LACO ESP 52 Imprint cylinder
- Optional: Aircooled LACO IR- dryer

A **LACO SP 52** Inline Coating Unit with IR- dryer on a Speedmaster SM 52-5. With this equipment, the Press gets upgraded into a Heidelberg **Speedmaster SM 52-5+L+IR**.

