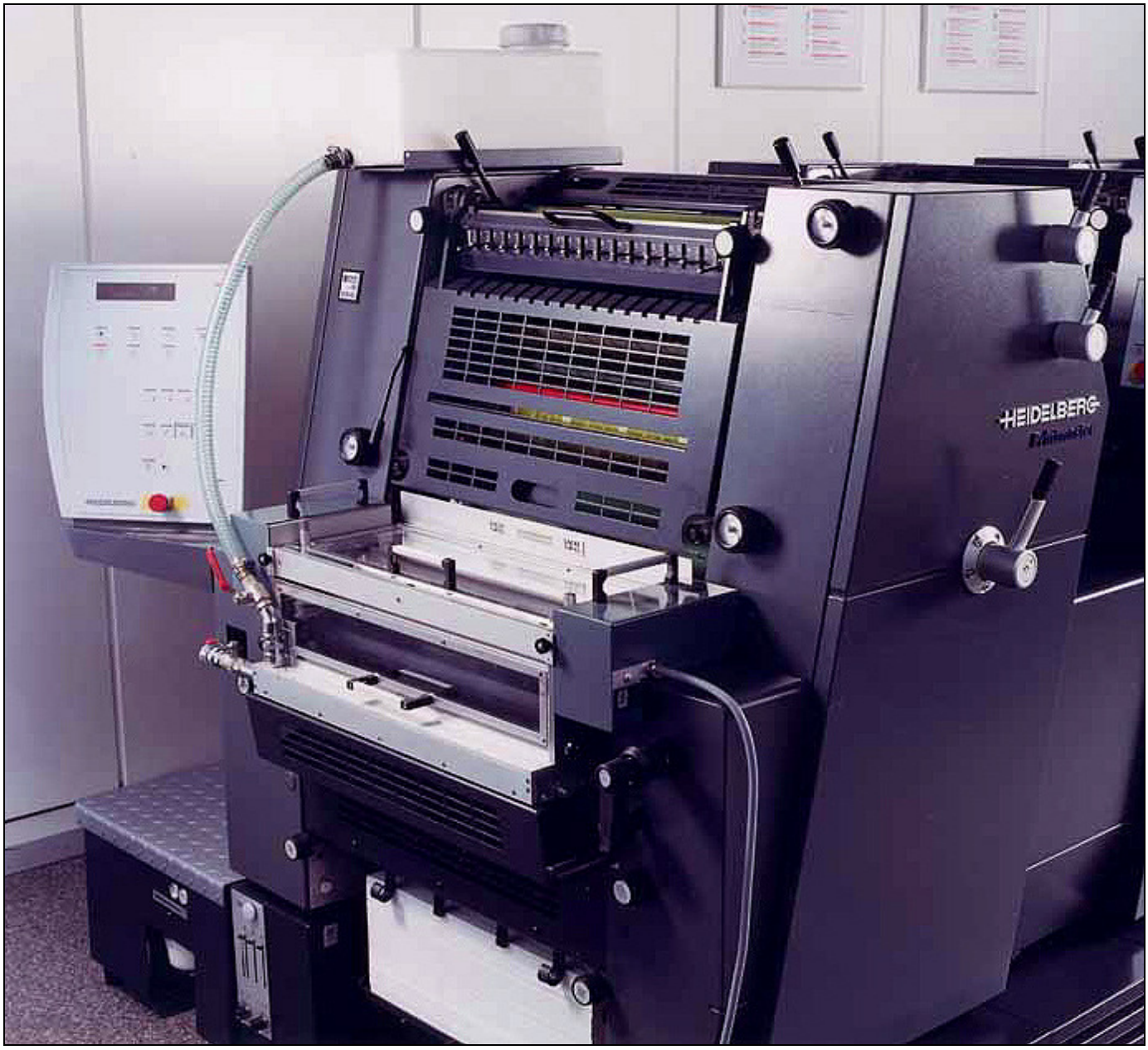
LACO G 52 Inline coating units

for all Heidelberg **GTO 52** presses with Plus Version



LACO G 52-II coating unit on a Heidelberg GTO 52 – Post DRUPA 2000 Version

Economic coating productions with water based-, UV- and Blister pack coatings in one sheet passage with the printing process.

Latest Series with many Improvements:

- New powerful hose pumps, for faster and easier cleaning
- Stronger whipers, made from stainless steel instead of aluminium
- Thicker plastic blades, for longer lasting times of usage
- LACO EZG 52 Imprint cylinder, for easier and faster format change
- Stainless steel coating tray, advantage for UV- coating productions

Properties of the LACO G 52 Inline coating unit

- An **increase in productivity** of the press by printing and coating in one sheet passage.

- A **refining of printed materials** due to a better gloss and contrast with coating.

- An **increased protection** of the printed surfaces against mechanical and chemical influences.

- Economic make-ready and cleaning times.

- Inline water based coatings are fast dry on the printing sheets. Advantages:
  + time saving due to an earlier processing possibility of the coated sheets.
  + the application of spray powder can often be reduced.
  + reduced blocking, sticking and of-setting tendencies of the coated sheets.
  + time savings possible by reducing of pile problems like above mentioned.
  + a faster work-and-turn production is often possible.

- The LACO G 52 Inline coating unit can be combined with an IR- dryer. Advantages:
  + Additionally increased production safety.
  + Essentially required on multi colour GTO 52 Heidelberg presses.

The handling

A LACO G 52 Inline coating unit is made of high graded anodised aluminium with corrosion-free stainless steel rollers. It is electro-mechanically connected and work therefore absolutely synchronized with the press. The rubber rollers are made of UV- coating resistant rubber coverings.

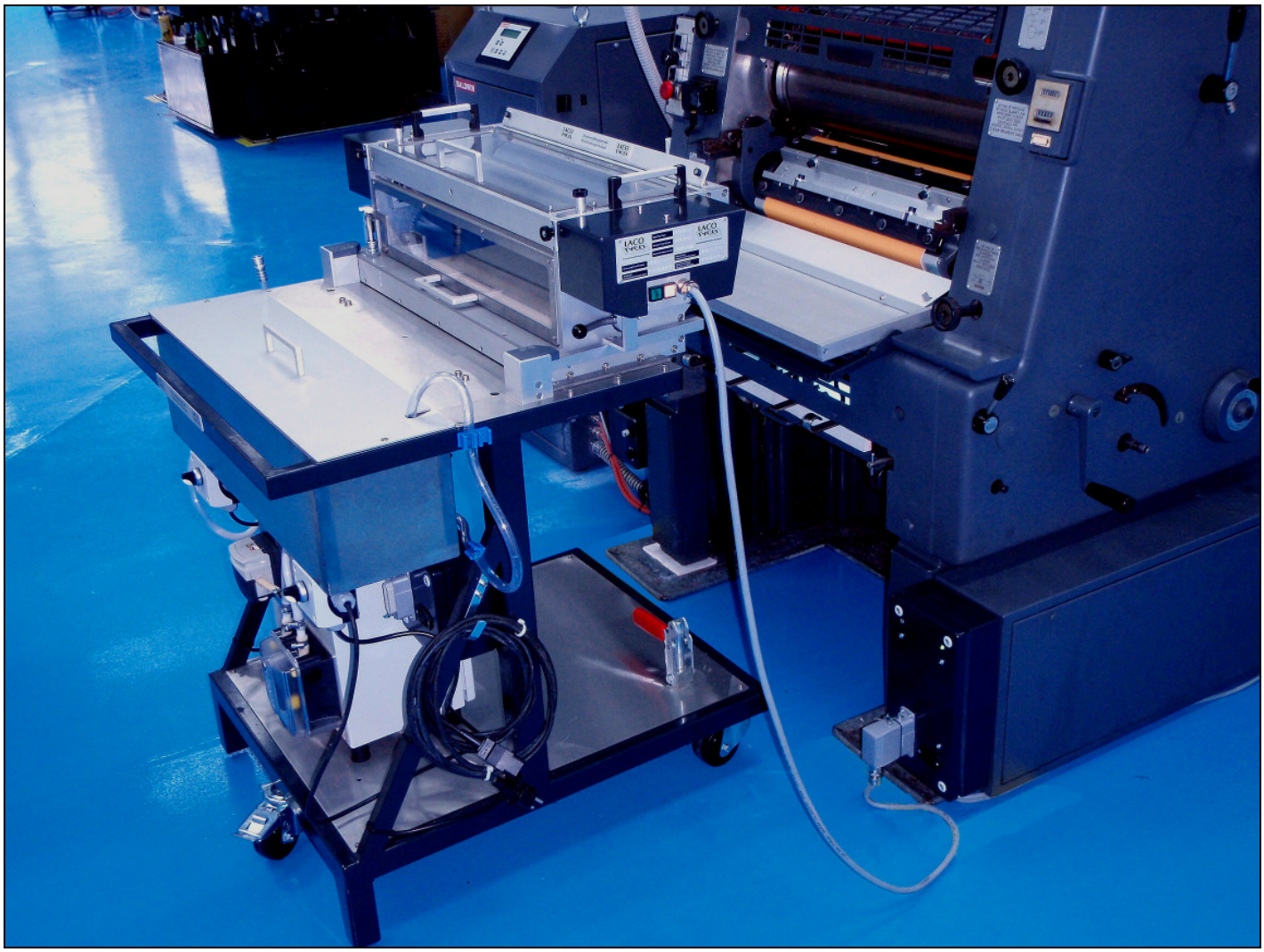
Various coatings can be applied inline in the same sheet passage with the print through a rubber blanket stretched over the LACO EZG 52 imprint cylinder, which is part of the coating system. Additional sheet passages for the coating production are not required.

The coating application amount can be adjusted from 1-10 g/m^2. The proven conventional 3-roller system with constant transfer of the coating, guarantees an always homogenous coating thickness at the application roller.

During a running production, the LACO G 52 coating unit is driven by the numbering gears of the press. If the press stops, the self drive motor automatically switch on, to drive the rollers during the press stands still. This avoids water based coatings from sticking and drying on the rollers.

The coating unit can be moved in and out of the press easily and quick with the Service trolley. After the production, the coating unit can get cleaned by hose pumps in short times. If UV- coatings are used only, it is not necessary to clean the coating unit after every daily production. Just cover it with an UV-light impervious material, to prevent the UV- coating from drying/curing under daylight or sunbeams.

LACO G 52-I coating unit with improved Service trolley and new Imprint cylinder on a Heidelberg GTO 52 press – pre 2000 model

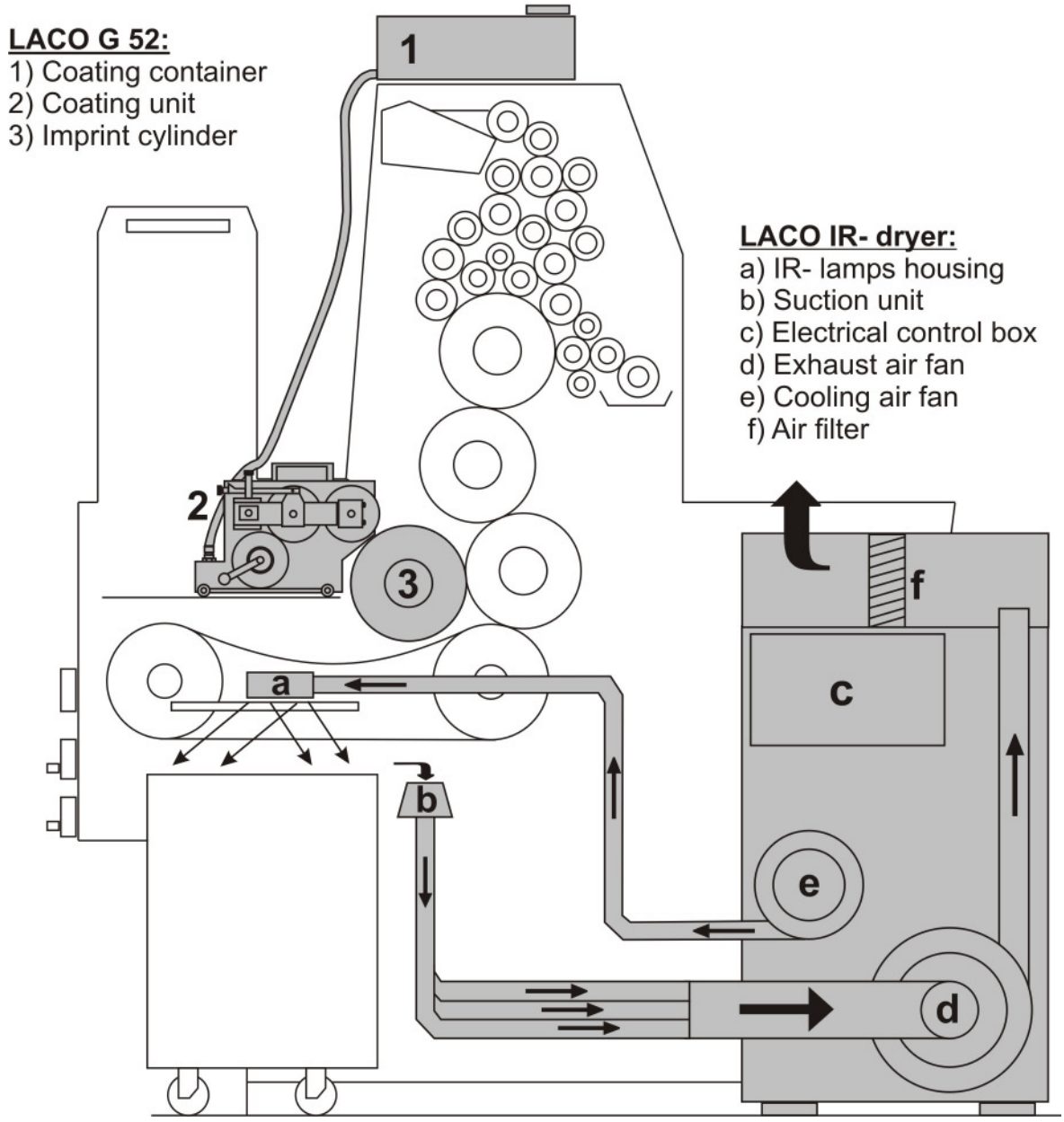


The LACO G 52 coating units for Heidelberg GTO 52 presses with Plus Versions are present all over the world in the global printing markets since more than 20 years.

A combined LACO coating and drying system includes:

- LACO G 52 inline coating unit
- LACO EZG 52 imprint cylinder on numbering shaft
- Service trolley with 2 separate hose pump devices
- Electrical control box including all connecting parts
- Air cooled LACO 52 IR- dryer

Heidelberg GTO 52 press with **LACO G 52** coating unit and **LACO 52 IR**- dryer



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