



UV DAYS 2011

IST Compact

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- **Inks that are more reactive offer greater energy-saving potential (“LED inks”)**
- **Why?**
There are no narrow-banded photoinitiators
- **Therefore:**
High reactivity in the (entire) UVA range
- **Doped UV lamps have output in the UVA range**
- **Use of one-lamp systems**
- **IST Compact = Energy-saving potential**



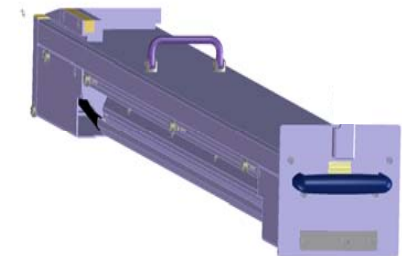
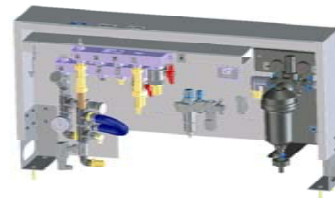
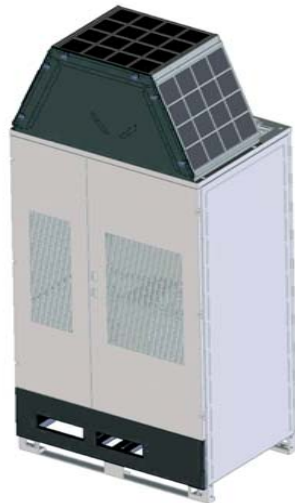
APPLICATION

- Commercial printing (no packaging, no film printing)
- Prospectuses, brochures, flyers, cards, drawings, posters, invitations, forms
- Typical 4C process colours
- Standard ink densities



Space requirement of components

- **Control cabinet** **0.48 m²**
- **Combination cabinet exhaust air/heat exchanger** **0.72 m²**
- **Water distributor** **Installed under footboard**
- **UV unit** **Installed in machine**
- **TOTAL** **1.2 m²**



ADVANTAGES

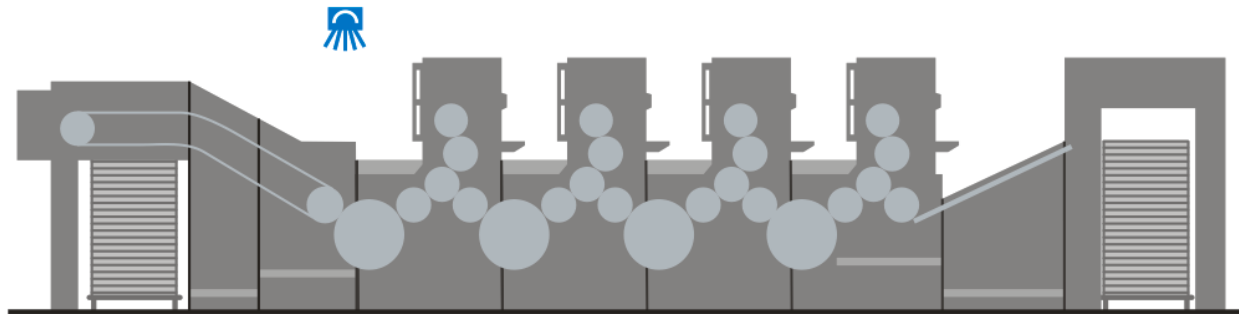
- Fast drying
- Immediate further processing
- No spray powder
- Immediate protection against abrasion
- No protective coating required

- Ozone-free lamp
- No coating unit necessary
- No delivery extension necessary
- = Lower investment costs for UV and machine

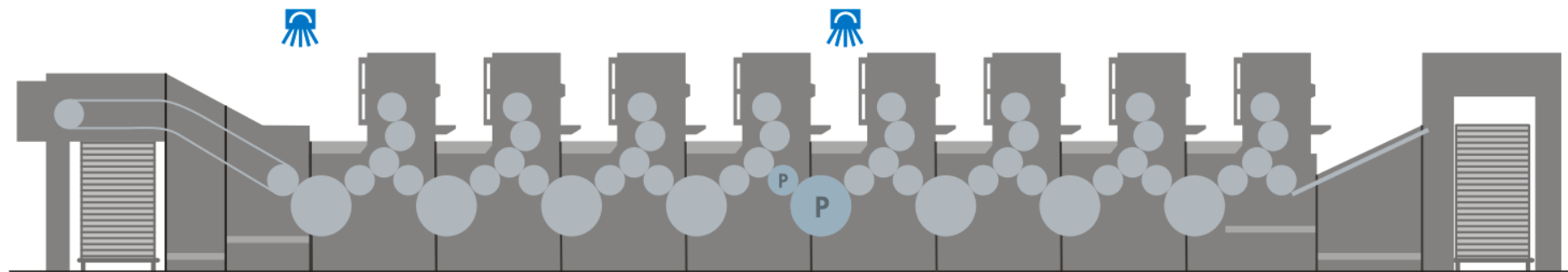


Machine configuration

IST Compact



IST Compact Perfecting



Demo job 1

- 4C process colours
- Paper 150 gsm
- Gloss coated
- Format 63 x 88 cm
- Combined form

APPLICATION

- Poster in a beverage market to boost sales



Demo job 2

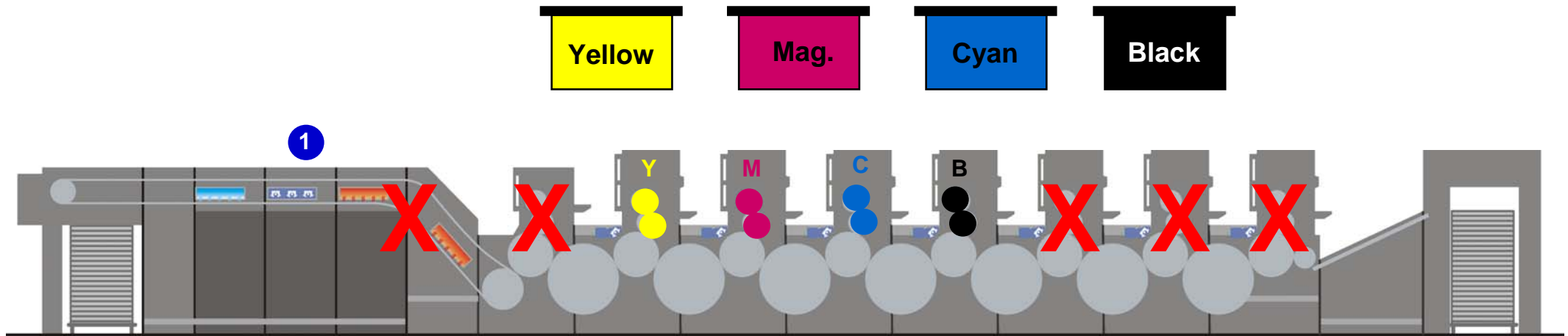
- 4C process colours
- Carton 300 gsm
- Gloss coated
- Format 63 x 88 cm
- Combined form

APPLICATION

- Table tents for special promotions



Set-up machine

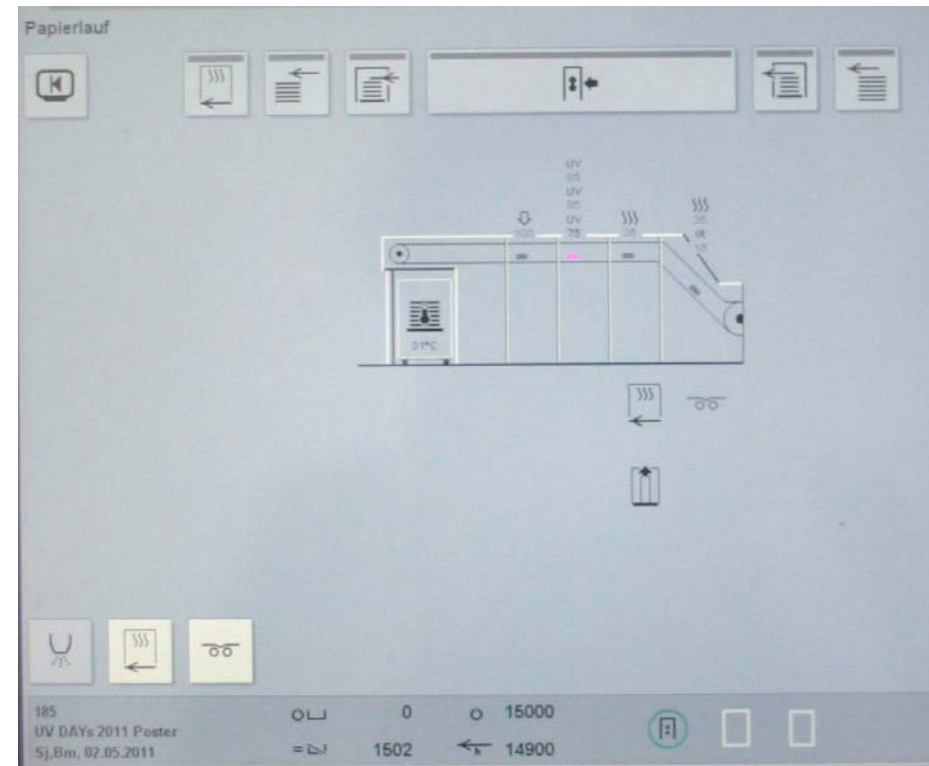


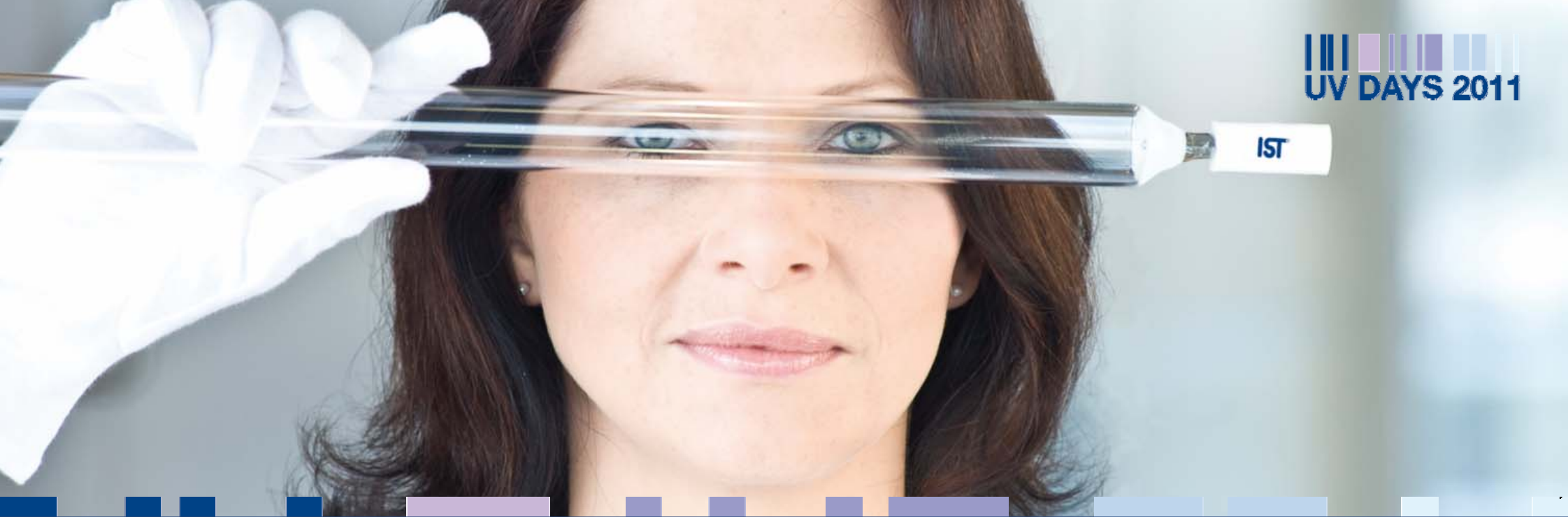
① = IST Compact
1x 150 W/cm
= 75 %

X = not required

Machine demonstration

- 15000 sh/h
- One-sided printing, approx. 1000 sheets
- Backside printing, approx. 200 sheets
- Cutting of approx. 200 one-sided sheets
- Production data displayed on screen
- Questions taken at end of demonstration





Thank you
for listening!