

SECURE PERFORMANCE FOR THE FUTURE

MO4



New Nilpeter Hardware & Software Upgrades extend the lifespan of your MO-4 and prevent Windows XP PC & Hard Drive failures

Natural end-of-life in PC components can result in terminal failure and press downtime. The upgrade to new hardware secures performance for the future and enables the implementation of new press units. Upgrades are fully tested and quickly installed with a minimum of downtime.

TECHNICAL IMPROVEMENTS

A New Powerful PC

- B&R IPC910, i3 Dual-core processor
- SSD disc installed. No moving parts
- Large PMC-monitor: 15" upgraded to 19" touch screen monitor with SDL-Interface (where applicable)
- Router with built-in firewall

New Software

- Windows 10 IoT Enterprise
- Derived from the upgrade to the new operating system, the following software is installed:
 - 1) New, updated HMI, LonMaker, and Indralogic
 - 2) New interface between these programs

See the full MO-4 benefits on the back page

MO-4 PERFORMANCE BENEFITS



MO 4

- **Improved performance and increased stability on the internal press communication**
- **User-friendly interface with fast internal communication**
- **Improved register functionality**
 - Adjustable sample size based on Simple Moving Average (SMA)
 - Noise filter to avoid excessive measurements
- **Added stability with the equalisation of torque between plate, blanket, and impression cylinder**
 - Harder impression on textured and thick materials, e.g. wine paper
 - Less sensitive at high speeds (less Indramat failures)
- **Less sensitive for blanket tolerance/variations**
- **Offset unit slow-run mode - stabile unit temperature and consistent flow when running low migration inks**
- **Improved die registration and less waste in start/stop situations**
- **Adjustable ramp functionality in start/stop situations, e.g. for film materials**
- **Additional web tuning and preset options, e.g. for film and paper**
- **Detailed read-out of Error Source and Error Description on all servo-motors**

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