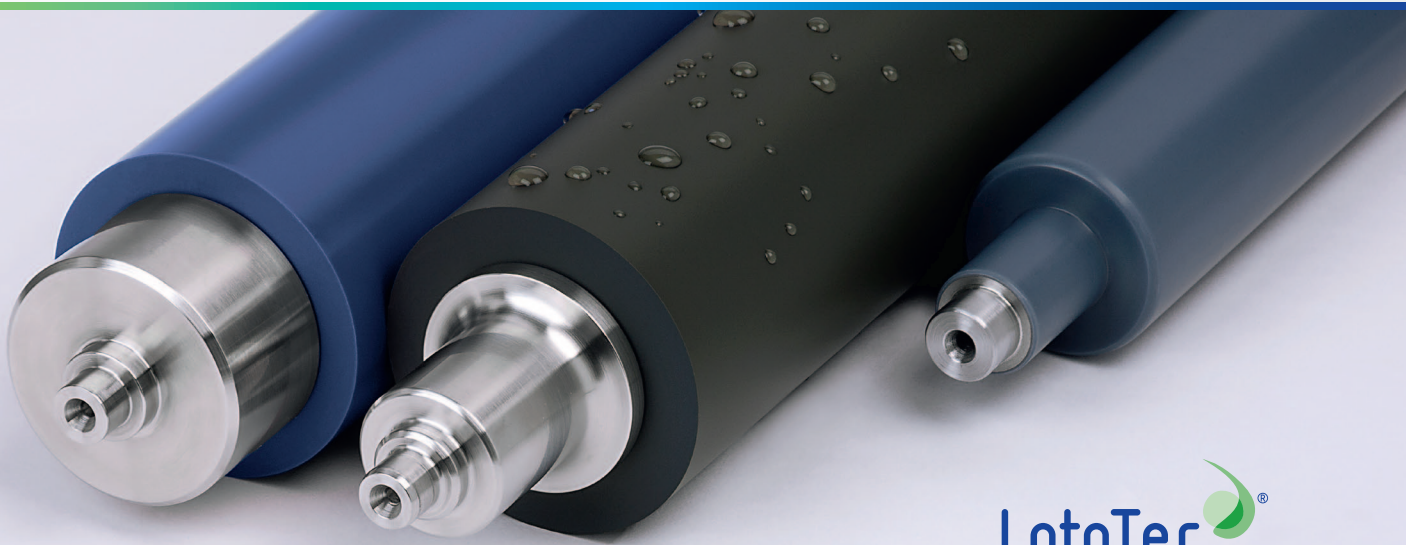


LOTOTEC®-MRS: MODULAR ROLLER SYSTEM

FAST CLEANING | STABLE PRODUCTION RUN




A stable offset printing process requires ink and dampening emulsion with minimal water content. If it is too high, even minute variations can result in significant disruption, such as density variations, tones and ink spraying. The primary objective is therefore to maintain this **balance** with as **little water content** as possible, so that it is reached as soon as possible and kept as **stable** as possible. For the printer, this means: simplified printing process controlling, and **less waste**.

■ **LotoTec® MRS** (Modular Roller System). The flexible **modular system** allows interested users to easily optimize their printing press. A roller system equipped in this way generates the lowest content emulsion conceivable, thus ensuring an **optimal printing process**. It also offers great improvements in economy and efficiency, and facilitates printing **without IPA** (isopropanol).

■ The inking and dampening rollers with the patented **LotoTec® special coating** are quick and **easy to clean**, especially when changing from dark to light inks.

■ Conventional **rewashing** can be **dispensed**, reducing the consumption of cleaning agents. LotoTec® rollers **reduce deposits** of calcium and silicon silicates.

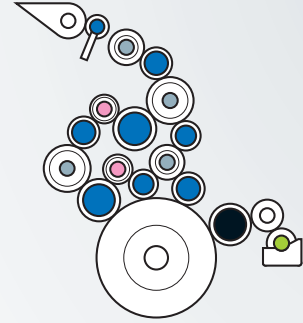
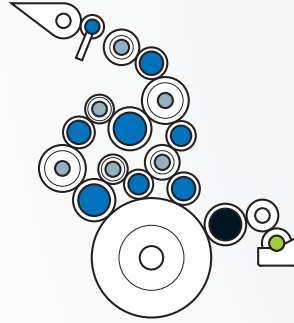
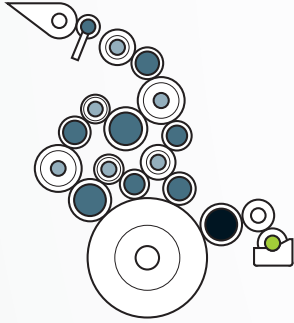
■ By **sealing** the roller surface, **hardly any** ink and pigment **residues** remain on the roller. Hydrophilizing of the ink rollers is **significantly reduced**.

- ✓ Modular system

- ✓ Quick and easy cleaning

- ✓ Stable IPA-free printing process

- ✓ Excellent print image



OEM Basic Equipment

MRS Module 1

MRS Module 2

PRODUCT OVERVIEW

| Material | Sh A | Color | Application/Features | Position |
|----------------------|-------|-----------|--|----------|
| LotoTec®- MRS | | | | |
| C..2-01 | 25-45 | black | WEROGRAPH® , Ink rollers | ● |
| C..3-01 | 25-40 | black | WERODAHL , Dampening rollers | ● |
| R009-82 | 100 | grey | Rilsan® 1) | ● |
| C..1-B1 | 30+40 | blue | WEROGRAPH®-LT , Ink rollers | ● |
| C..4-B7 | 25+30 | greengrey | WERODAMP®-XLT , Dampening rollers | ● |
| W009-54 | 100 | pink | LotoTec®-ETC | ● |

Cleaning recommendation

■ All cleaning agents approved for NBR by Fogra Forschungsgesellschaft Druck e.V. (www.fogra.org)

Setup and adjustment information

■ Installation and adjustment is carried out according to the printing press manufacturer's specifications.

Liability exclusion

■ The above information is based on our knowledge and experience under normal conditions, assuming the product is stored and used properly. This data is understood as the characterization of the material properties and not as minimum values in terms of specification. Technical changes reserved.

Storage conditions

Rollers should be stored in a way that avoids deformation or mechanical damage to the roller cover. Ideally, standing or hanging on the shafts. For storage, cleaning and maintenance of rubber products, the standards ISO 2230 applies.

