



INNOVATIVE ROLLER TECHNOLOGY

Web offset printing





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EUROSPEED HDI and EUROWEB HTS product line

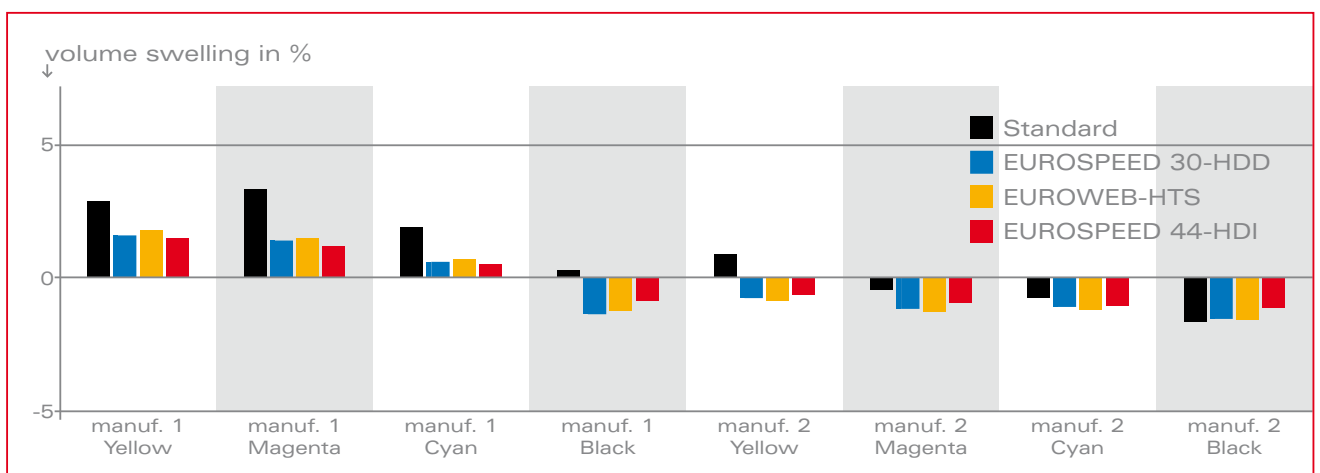
Modern web offset and so called heatset printing is calling for very fast running machines having a steadily increasing width. In order to meet these requirements, not only machine engineering needs to hit what is physically possible but also the supplier industry needs to create products and systems which guarantee stable operating procedures.

Sauer Walzenfabriken have taken up this challenge and have developed an ink and dampening roller system which gives the customer maximum process liability.

The EUROSPEED HDI as well as the EUROWEB HTS product line convince

due to their extreme high dynamics and minor heat development resulting hereof so that the rollers “run cooler” in the printing unit (see scheme). The very compact elastomer matrix has been developed with regards to the swelling behavior with inks being used and shows minimum interactions in all inks and an extraordinary dimensional stability (see swelling tests).

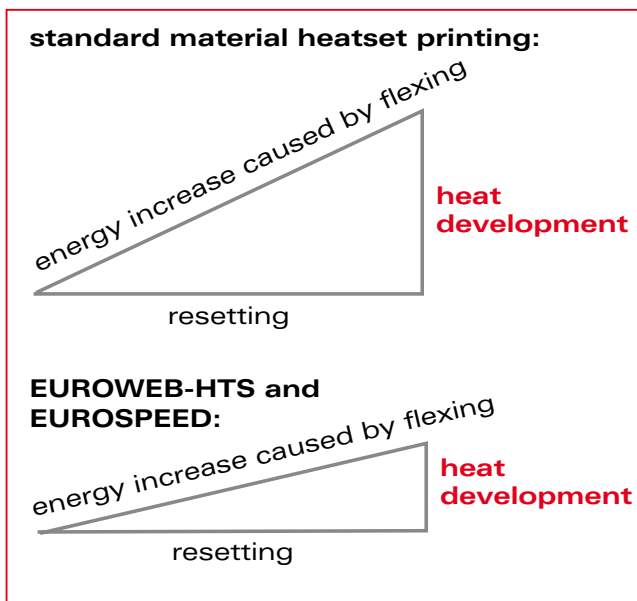
This system provides the user with an optimal level of safety in the printing unit (see printing unit scheme). Thus Sauer Walzenfabriken are benchmarking in this very demanding segment again.



swelling test: comparison of material tested in different inks of different manufacturers



LITHOMAN, 96-page
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scheme: heat development
EUROWEB-HTS and EUROSPEED

Facts and printing unit scheme

