



# CONPRINTA

## PRINTING TECHNOLOGY

### CONPRINTA HYBRID DIGITAL-ANALOGUE PREPRINT PRESS

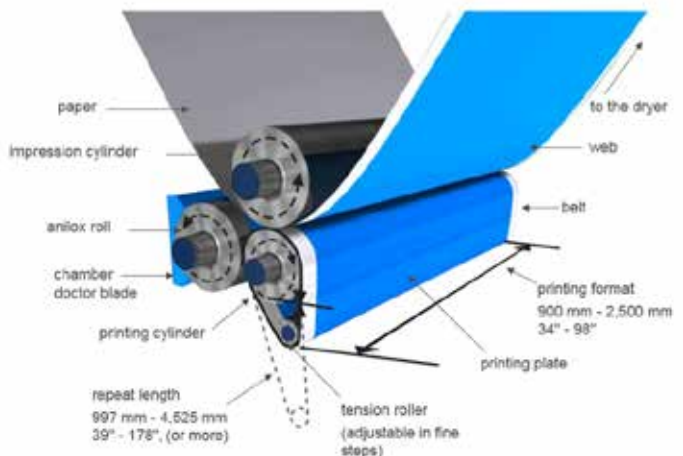
**CONPRINTA**, a market leader in industrial preprint is complementing digital preprint technology to meet industry demands perfectly. The advantage of digital print are quite interesting for the corrugated industry as they fulfill the desire of economical short runs and higher end graphics. Nonetheless, the corrugated industry seeks low cost production and effectiveness.

As a matter of fact, digital ink costs for boxes with extensive color coverage are much higher than like for like ink costs of conventional flexographic printing ink for the same color coverage.

The CONPRINTA Technology is unique amongst all analogue preprinting alternatives

characterized by its unparalleled printing format and the minimization of the machine setup efforts. This is achieved by means of CONPRINTA's patented printing "belt" which, in lieu of a cylinder or sleeve, acts as permanent carrier of the flexographic printing plates.

The belt is looped around the print cylinder and a tension roller is precisely guided on both sides by so-called "sprocket pin" wheels (see graphic).



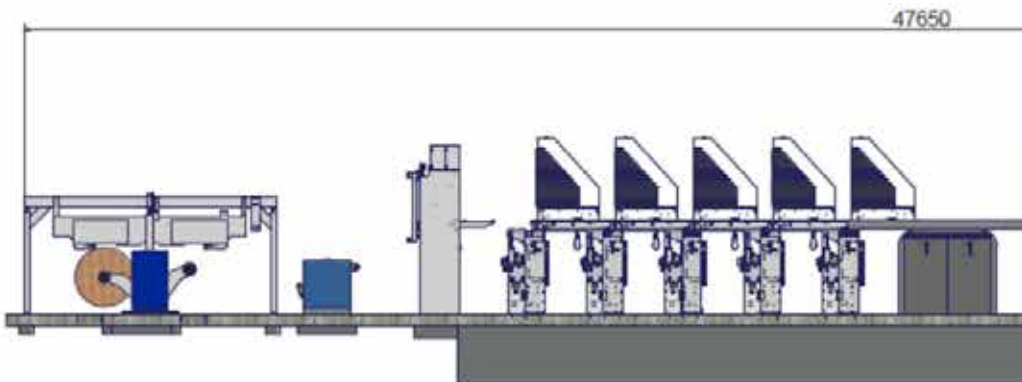
Working with belts enables the CONPRINTA system to produce even shortest print jobs at low cost as it avoids the upfront investment for a cylinder/sleeve inventory that would otherwise be required for most commonly known analogue presses. The CONPRINTA system is an inline system where the number of printing units is tailored by customer demand.

The printing plates remain on their belts which eliminates the need for remounting of plates to cylinder/sleeve prior to job reprinting. The lightweight belts can be moved with ease to their respective place of use, even large format printing images (2.8 m wide by 4.5 m length).

Unproductive efforts in-house logistics in regard to moving & storing bulky and sensitive tooling are avoided.

By integrating Industry proven digital technology using CMYK waterbased inks the result is a real inline CONPRINTA Hybrid System. Combining analogue and digital print in a designated press enables highest quality preprint.

CONPRINTA offers innovative technology and software for true "Preprint on Demand", an economical process solution that supports maximum flexibility. The machines are available in multiple widths.



Future outlook for hybrid printing is very promising. In the high print resolution area of an image, digital print has advantages over classic analogue flexographic print. Analogue flexographic printing outscores digital in terms of

quality and costs when it comes to larger spot color coverage. At CONPRINTA, we define the benchmark when it comes to cost effective and highly flexible on demand graphic box production. CONPRINTA the market leader in Hybrid Preprint.

