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Voith Paper

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VOITH
Engineered reliability.



NipcoPrint-D

The system for decorative rotogravure

NipcoPrint-D

An impression roller for all web widths and all speeds – NipcoPrint-D offers maximum flexibility with the highest reliability.

Your requirements

- Stable register characteristics
- Increased cover durability
- Uniform printing pressure distribution over the width
- In case of width variation no sleeve or impression roller change is necessary
- ESA-suitability

Basis

Until 1995, rotogravure printing of decorative paper was done using simple impression rollers with support roller systems. Due to the many web width variations, a large number of impression rollers had to be kept on hand, because a change of web width required a personnel-intensive change of impression rollers and significant machine downtime.

Our solution

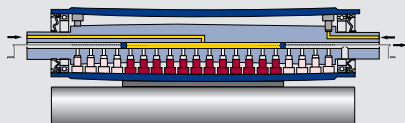
The situation changed with the introduction of the NipcoPrint-D system for decorative rotogravure. Voith



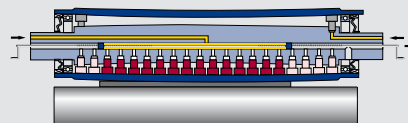
Paper Walztechnik AG developed an impression roller that totally satisfies customer requirements. With NipcoPrint-D, a support roller system is no longer required. By varying the web width, the same impression roller can be used – a sleeve change is not necessary. In addition, the Nipco principle ensures a uniform printing force over the web width being printed.

Your benefits

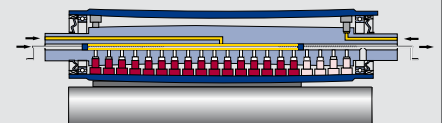
- Ideal print characteristic curve – no danger of local over-pressings due to faulty settings
- No complicated setting of printing force distribution; only the level of printing force is set
- Substantially less cover wear
- Prevention of local over-pressings
- Steady register allows minimum paper waste as well as less vaporization & drying
- Can be used on any type of printing machine
- Can be equipped with all current ESA systems
- Capital-intensive impression roller stocks are obsolete



Symmetrical web position



Arbitrarily asymmetrical web position



Web position attached on one side