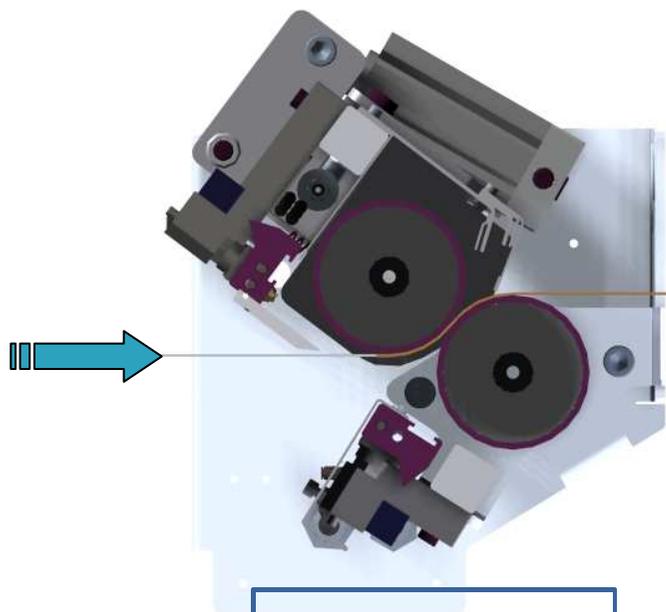




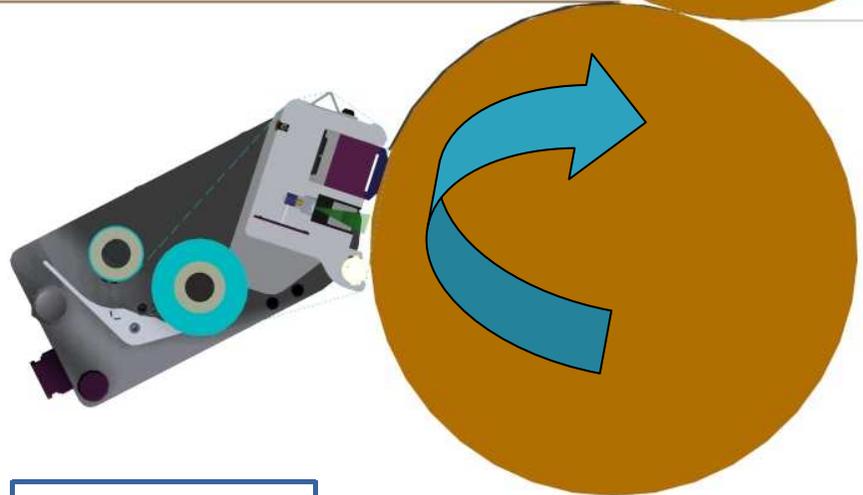
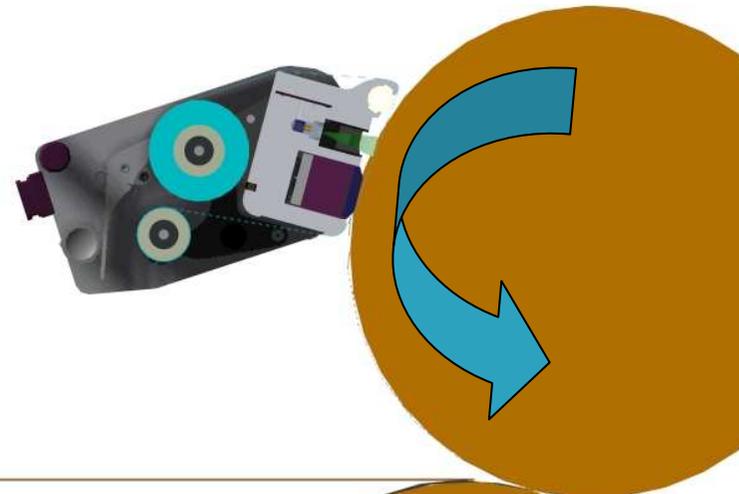
CombiWash

COMBIWASH

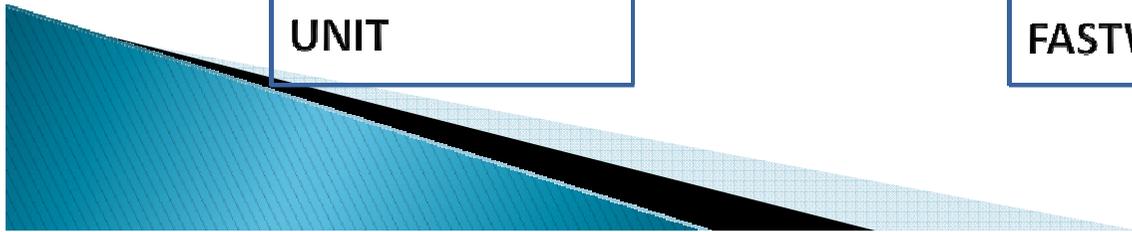
HARDWARE CONFIGURATION



WCU
WEB
CONDITIONING
UNIT



FASTWASH





COMBIWASH

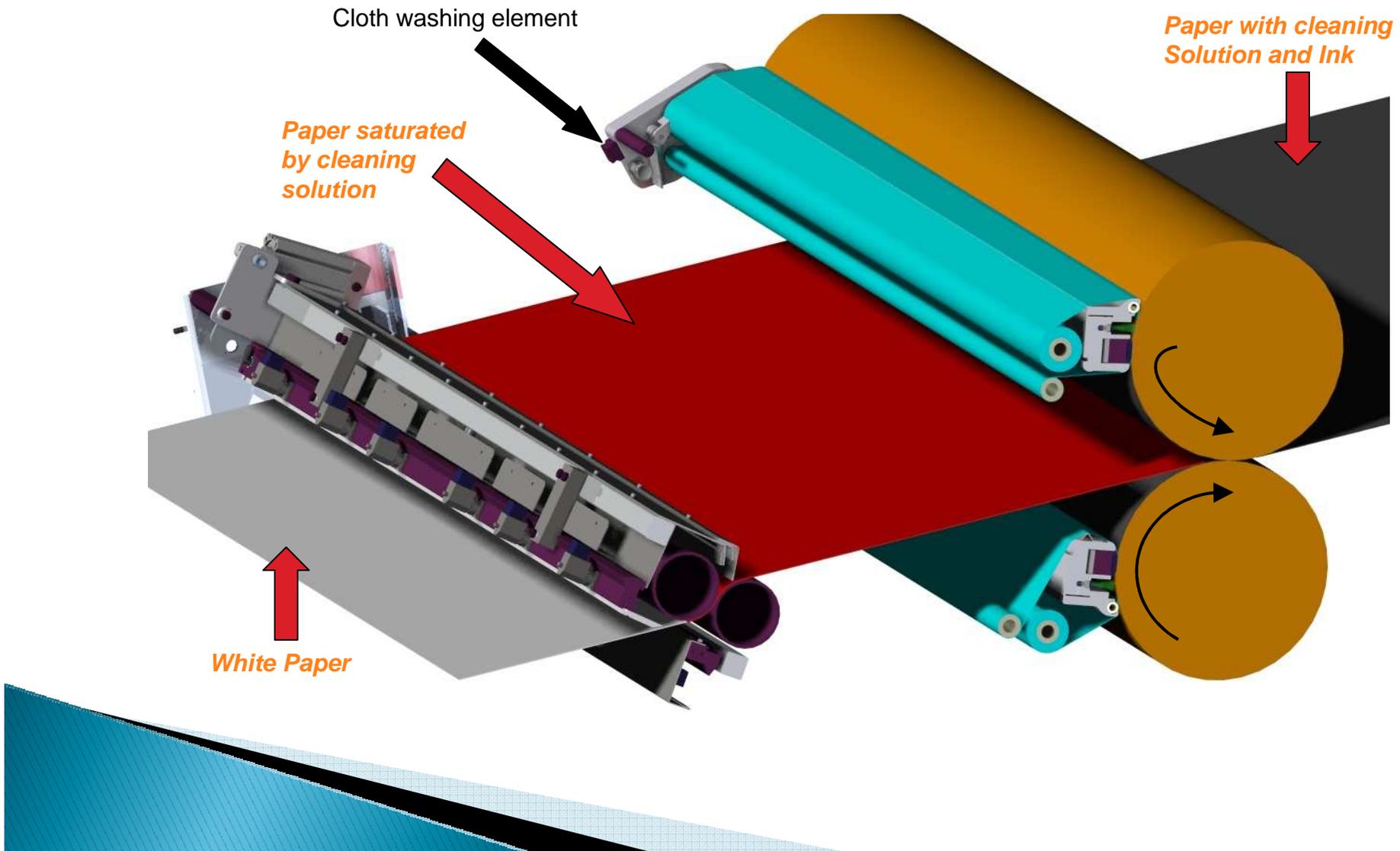
CLEANING PROCESS

Cloth washing element

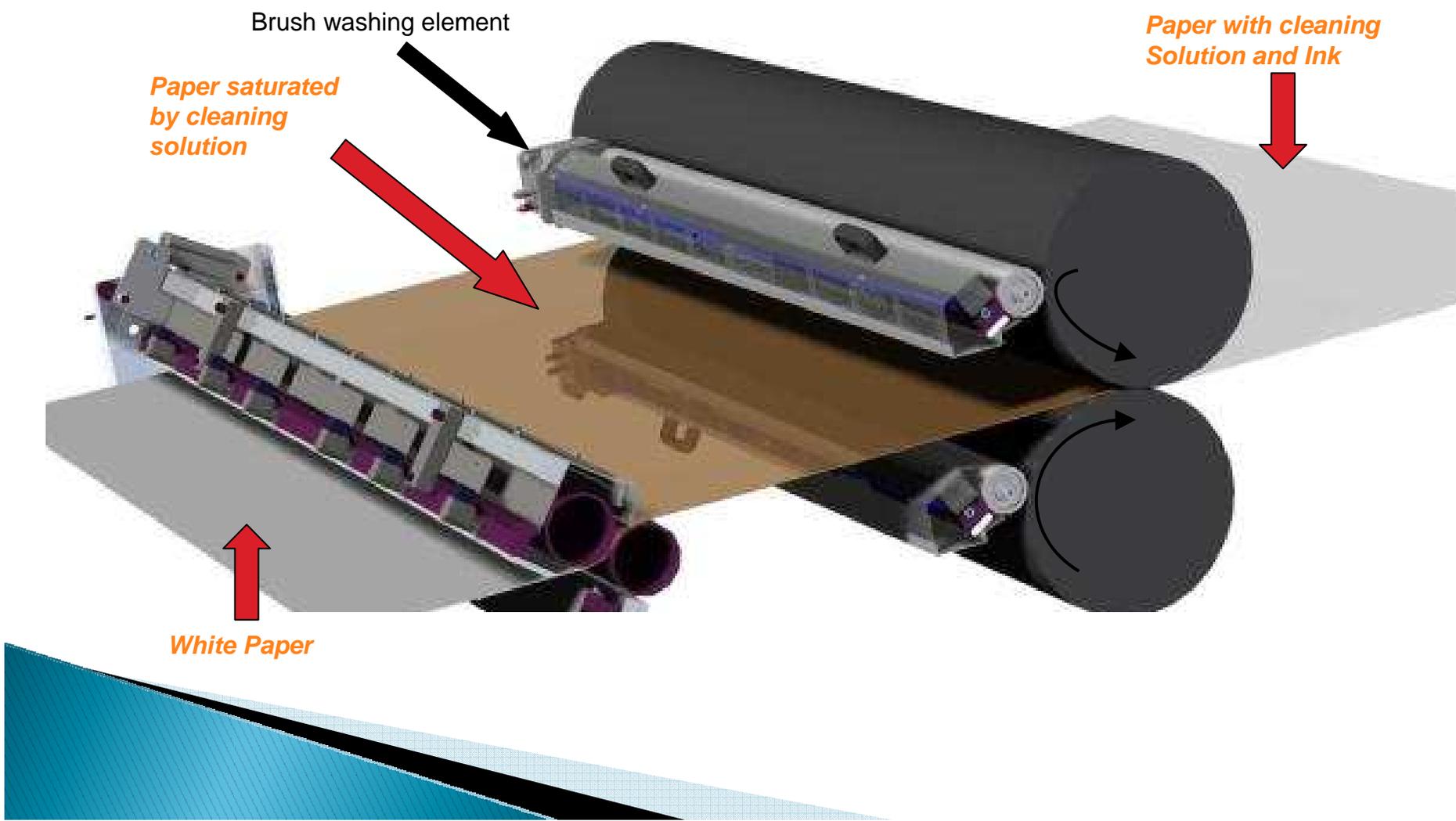
Paper saturated by cleaning solution

Paper with cleaning Solution and Ink

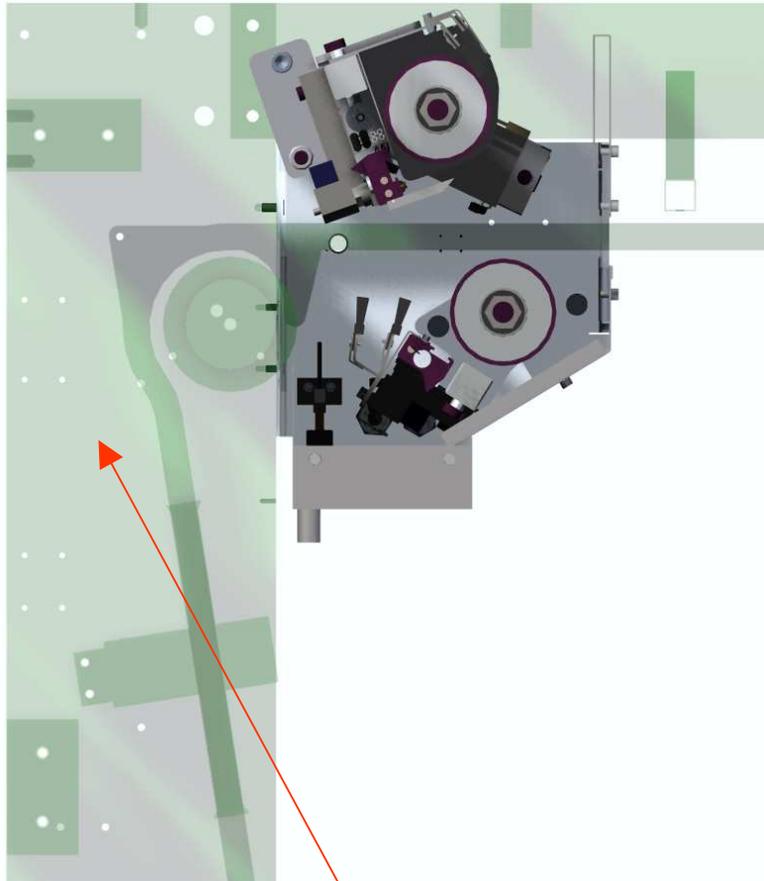
White Paper



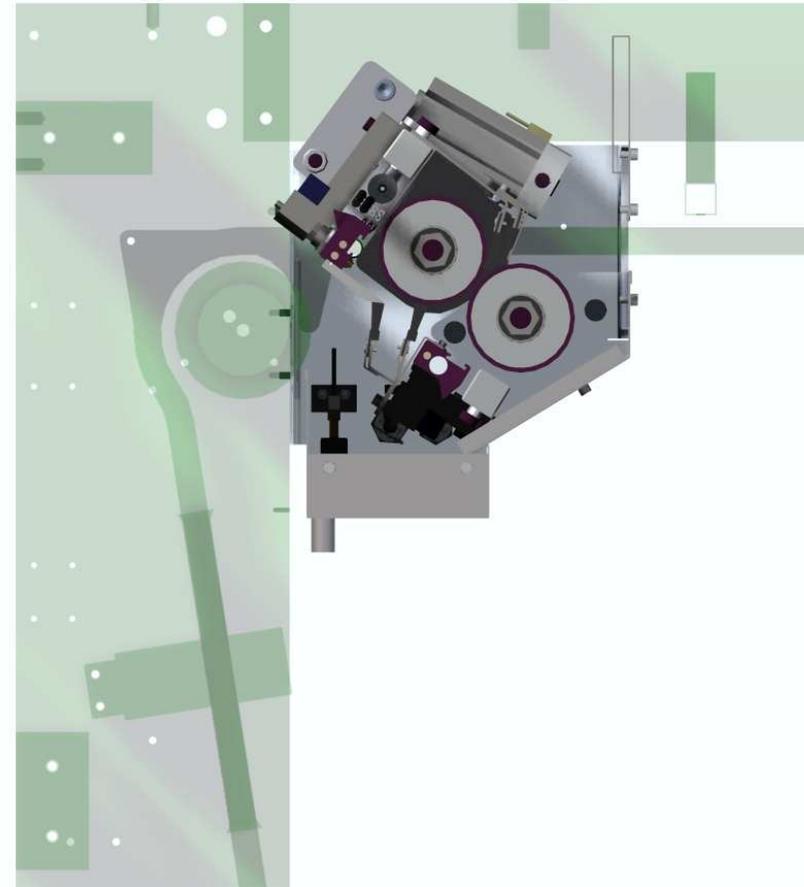
CLEANING PROCESS



Parking Position

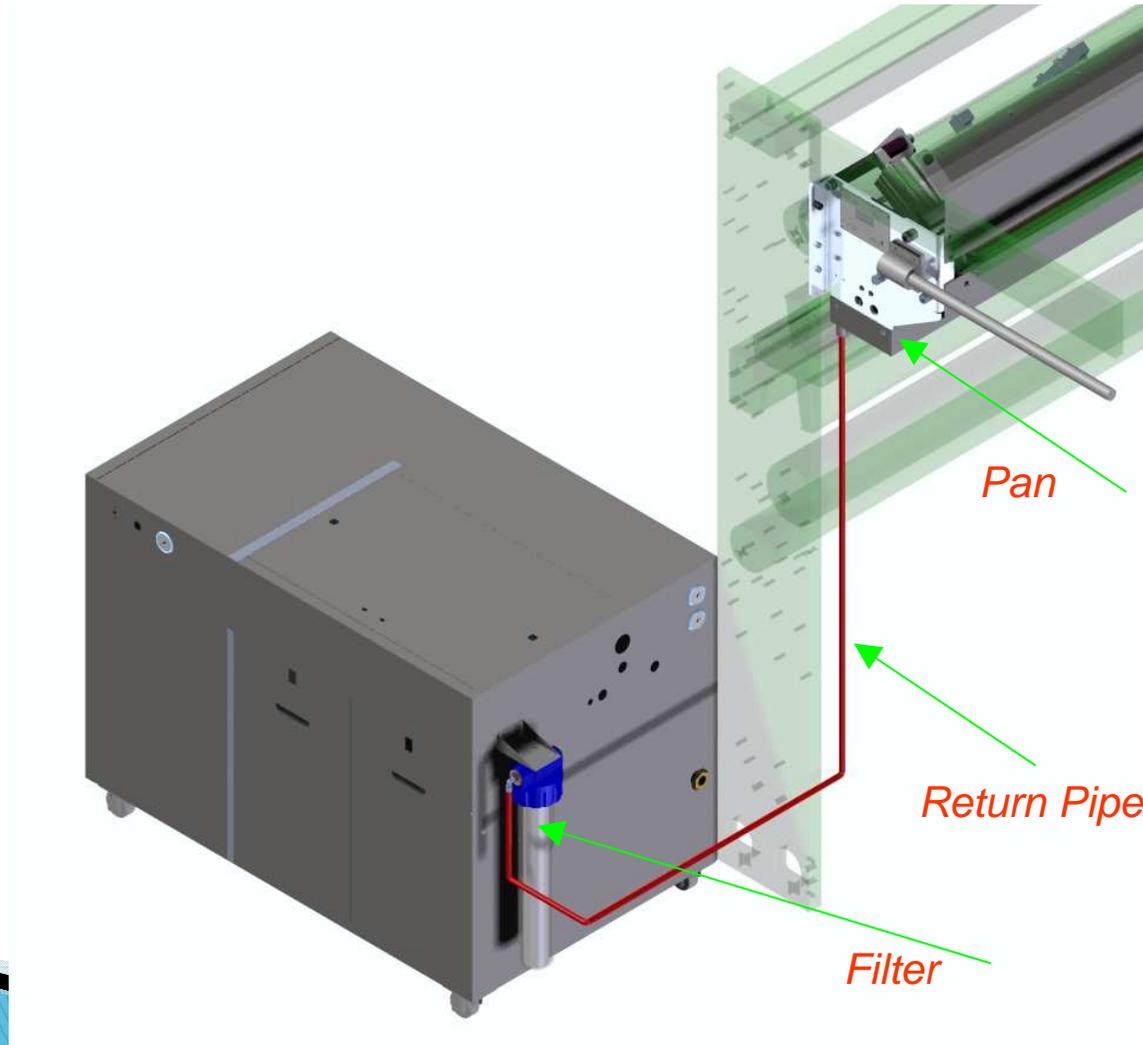


Working Position



Infeeder – Before 1° Printing Unit

Cleaning Agent : we spray the cleaning agent on the complete web width and the back flow is filtered and recovered in the cleaning agent tank located in the control unit → NO WASTE





WASHING PROGRAMS

COMBIWASH

Washing cycle	Impression	Speed	Washing Time
In production	ON	Up to Maximum speed of the Press	From 8 to 14 Seconds

COMBIWASH works in “Impression ON” Washing cycles

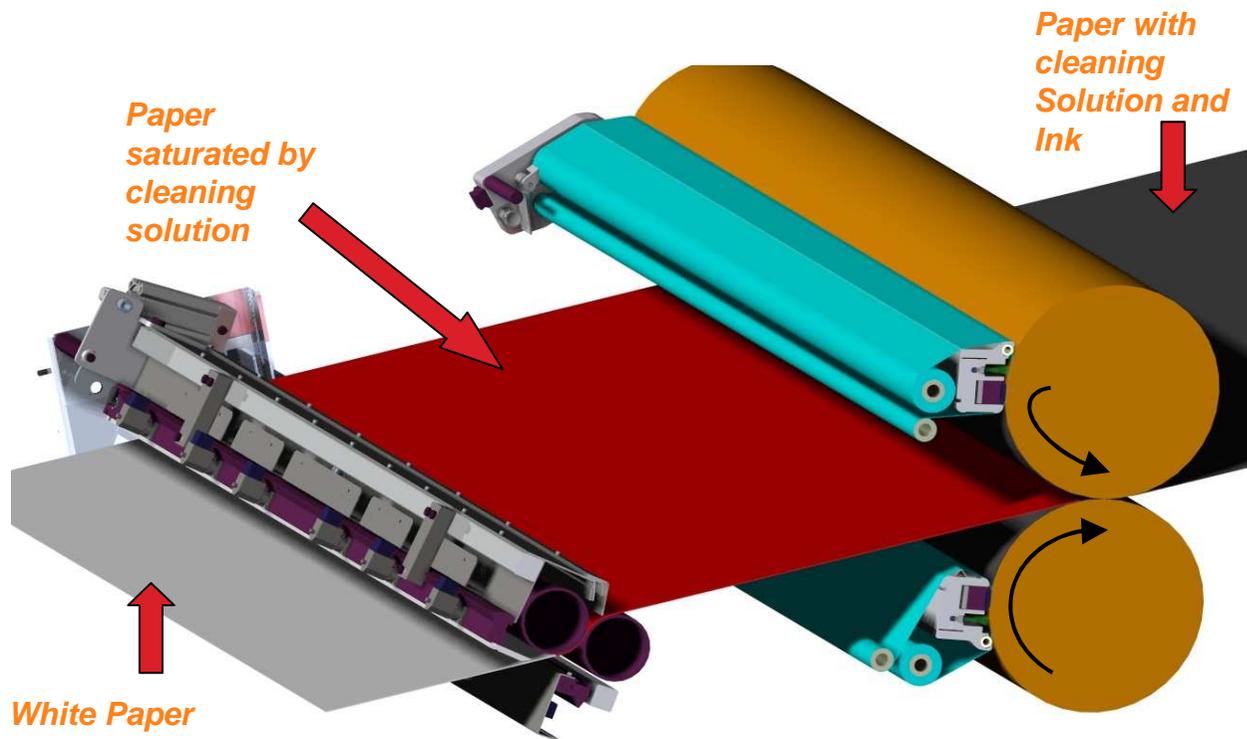
PERFORMANCES

<u>Double Round Heatset presses</u>		
Paper Quality	Waste copies (From good to good)	Impression
LWC - SCA/SCB - News	< 400	ON

<u>Single Round Heatset presses</u>		
Paper Quality	Waste copies (From good to good)	Impression
LWC - SCA/SCB - News	< 500	ON

- The values above reported were collected from a certain number of installations.
- The values can be affected by the blanket vintage, not standard ink/paper build up, number of printed copies before washing (typical 1-2 reels, back to quality of the press/operators and other external factors related to the printing process.
- Directory Printing may have higher waste amount

CombiWash



COMBIWASH Not only with ELETTRA FASTWASH ...

In-line installation to UP-GRADE your existing :

- BRUSH SYSTEM
- IMPREGNATED CLOTH CLEANING SYSTEM

WHICH IS YOUR DAILY EXPERIENCE WITH YOUR EXISTING AUTOMATIC BLANKET WASHING SYSTEM ...?

- **Possible Open Points with BRUSH SYSTEM**
 - DROPS IN THE PRINTING UNIT → ON THE PRODUCTION ??
 - MISTING OF SOLVENT → QUALITY PROBLEMS AND BAD ENVIRONMENTAL SITUATION
 - **HEAVY MAINTENANCE REQUIREMENT** (CLEANING, AGJUSTING, ETC)
 - POOR PERFORMANCES HIGH PAPER WASTE AND SOLVENT CONSUMPTION ...
- **with PRE-IMPREGNATED CLOTH SYSTEM**
 - „DRY“ CLEANING DUE TO LEAK OF SOLVENT/WATER ON THE BLANKET (ESPECIALLY WITH SB-SC-NEWS PAPER)→ VERY BAD FINAL RESULTS !
 - HIGH USAGE OF CONSUMABLES → THE PRE-IMPREGNATED CLOTH GETS DRY IN A COUPLE OF DAY AND YOU NEED MORE PAD'S CONTACTS
 - **HIGH COST FOR CONSUMABLES → SINGLE SOURCE...**
 - POOR PERFORMANCES ESPECIALLY ON NEWSPAPER INSERTS AND RETAIL FLYERS PRINTING

WHICH IS YOUR ACTUAL ANSWER TO THE OPEN QUESTIONS ?

- BRUSH SYSTEM
 - CONTINUOUS MAINTENANCE AND CLEANING
- PRE-IMPREGNATED CLOTH SYSTEM
 - THE OPERATORS SPRAY SOLVENT WITH SOME DIFFERENT TOOLS → VERY DANGEROUS !!!
 - TRY TO FIND ALTERNATIVES TO THE ORIGINAL CONSUMABLE TO SAVE SOME MONEY → THE RESULT IS NOT ALWAYS SO GOOD AND RELIABLE ...
 - AND ...

 The logo for CombiWash features the word "Combi" in green and "Wash" in blue, with a light blue wave graphic underneath. The text is enclosed in a white box with a black border.

IS THE ONLY REAL ANSWER !!!

COMBIWASH -- THE ONLY REAL ANSWER !!! WITH EXISTING BRUSH SYSTEM

„THE ADVANTAGES OF SPRAYING A PERFECT LAYER OF SOLVENT ON THE WEB“

- **REDUCE THE SOLVENT THAT YOU NEED TO SPRAY WITH THE BW** → MINIMIZE DROPS AND MISTING BETWEEN THE PRINTING UNITS
- **IMPROVE THE PERFORMANCES** → THE WEB WILL ADD SOLVENT TO THE BLANKETS AND REMOVE A GOOD PART OF THE BUILD-UP ... ESPECIALLY ON THE BLACK UNIT. YOU WILL NOT BE FORCE TO REDUCE THE PRINTING SPEED TO WASH → **LESS WASTE**
- **REDUCE THE MAINTENANCE** → THE PAPER WILL BECOME THE REAL TOOL TO REMOVE INK AND PAPER BUILD-UP AND NOT THE WASHING DEVICE THAT NOW ALWAYS GET FULL OF INK, PAPER AND DIRT ...

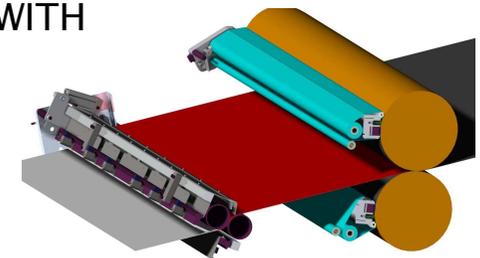
THIS NEW CONFIGURATION WILL REDUCE THE MAINTENANCE INTERVENTION FOR CLEANING THE BW AND IST COMPONENTS



COMBIWASH -- THE ONLY REAL ANSWER !!! WITH PRE-IMPREGNATED CLOTH SYSTEMS

„THE ADVANTAGES OF SPRAYING A PERFECT LAYER OF SOLVENT ON THE WEB“

- **IMPROVE THE SOLVENT LAYER ON THE BLANKETS** → NO MORE STRANGE WAY TO SPRAY SOLVENT DURING THE CLEANING ... VERY DANGEROUS!
- **REDUCE THE USE OF IMPREGNATED CLOTH** → THE WEB WILL BE A REAL PLUS DURING THE WASHING !!! YOU WILL NOT NEED TO WASH WITH MANY RUBBER PAD CONTACTS
- **IMPROVE THE PERFORMANCES** → THE WEB WILL ADD SOLVENT TO THE BLANKETS AND REMOVE A GOOD PART OF THE BUILD-UP ... ESPECIALLY ON THE BLACK UNIT. THE WASHING CYCLE RELIABILITY WILL INCREASE ESPECIALLY WITH LOW QUALITY PAPERS ! THE TIME WILL REDUCE WITH LESS PAD CONTACTS.
- **REDUCE THE MAINTENANCE** → THE WASHING RELIABILITY MEANS ALSO REDUCING THE RUBBER PADS DAMAGES DUE TO „DRY“ CONTACTS WITH THE BLANKETS.





Thank you very much

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