



CONTIWEB FLUID APPLICATOR

solutions to imPRESS



SILICONE APPLICATION

Why? Inline finishing; folding, cutting

- Protection: Resistance against mechanical stress on printed material

Common in web offset application.

Our reference is:

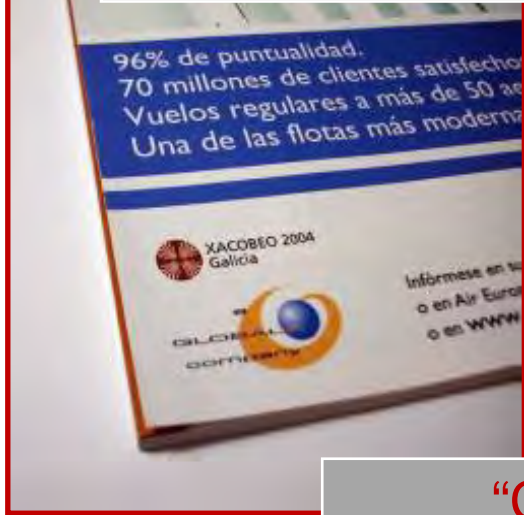
> 50 installation of Contiweb Fluid application

530 Installations of Ecocool/Ecoset

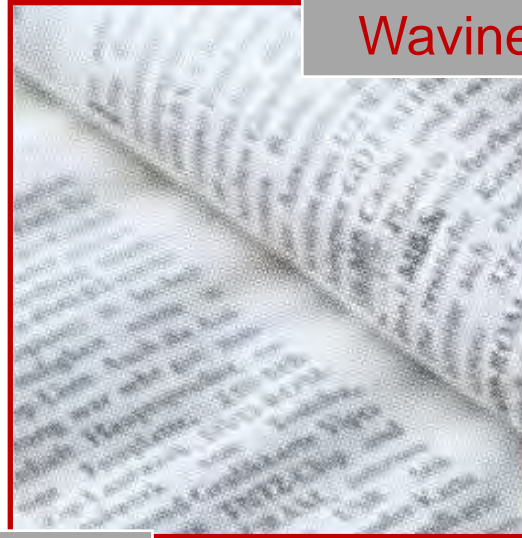
New innovation: using 100% silicone oil instead of emulsion: silicone oil and additives.

REMOISTENING: WHY?

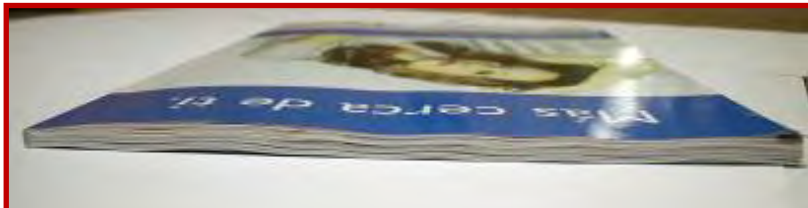
Size difference cover - interior



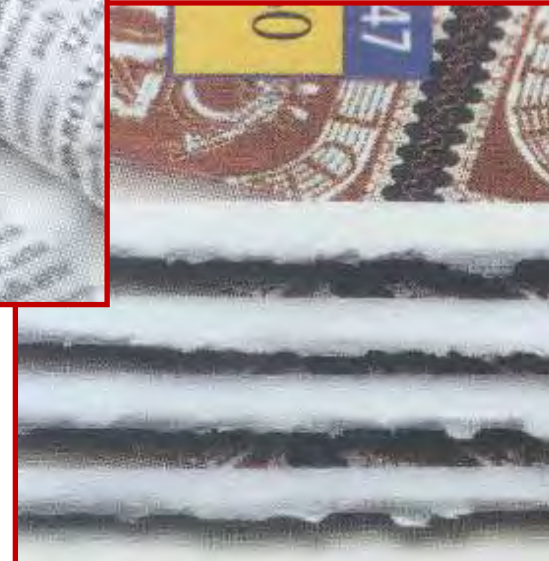
Waviness (short grain)



“Calmer” Appearance

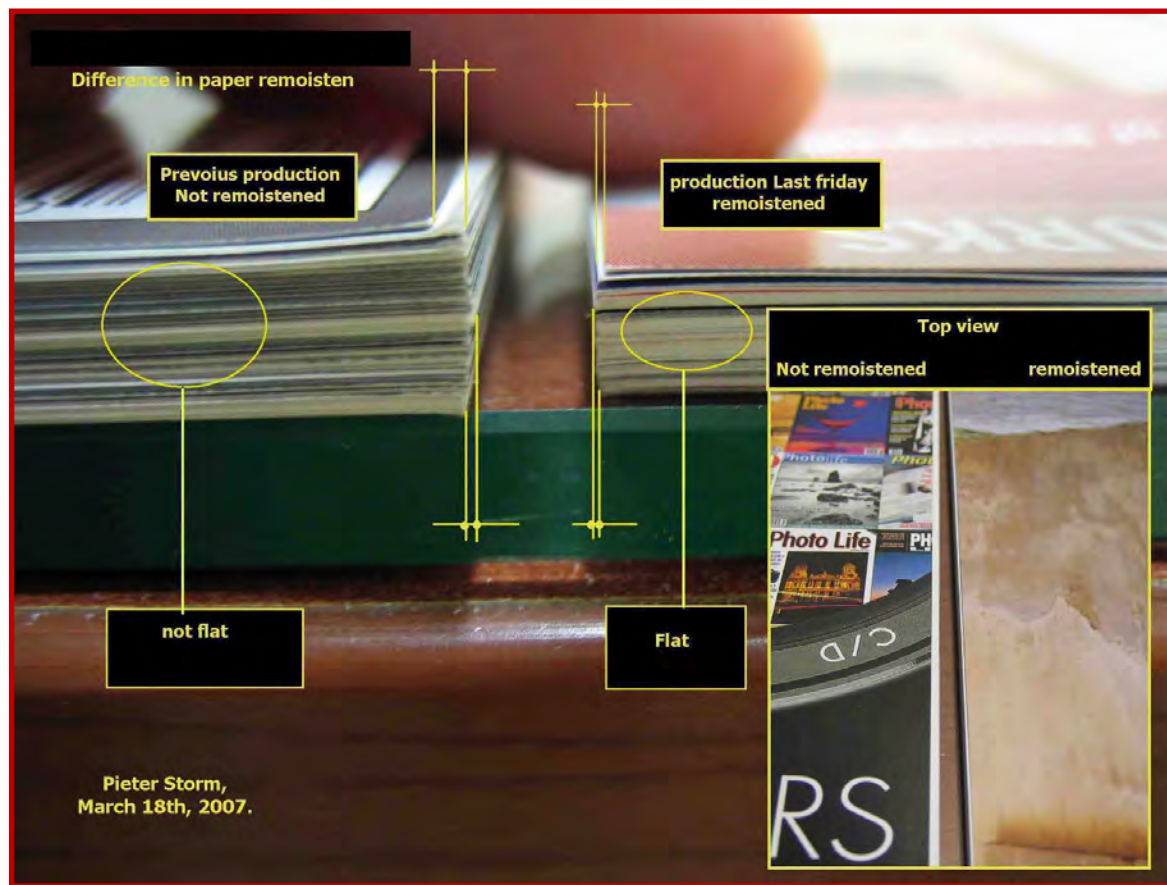


Waviness (long grain)



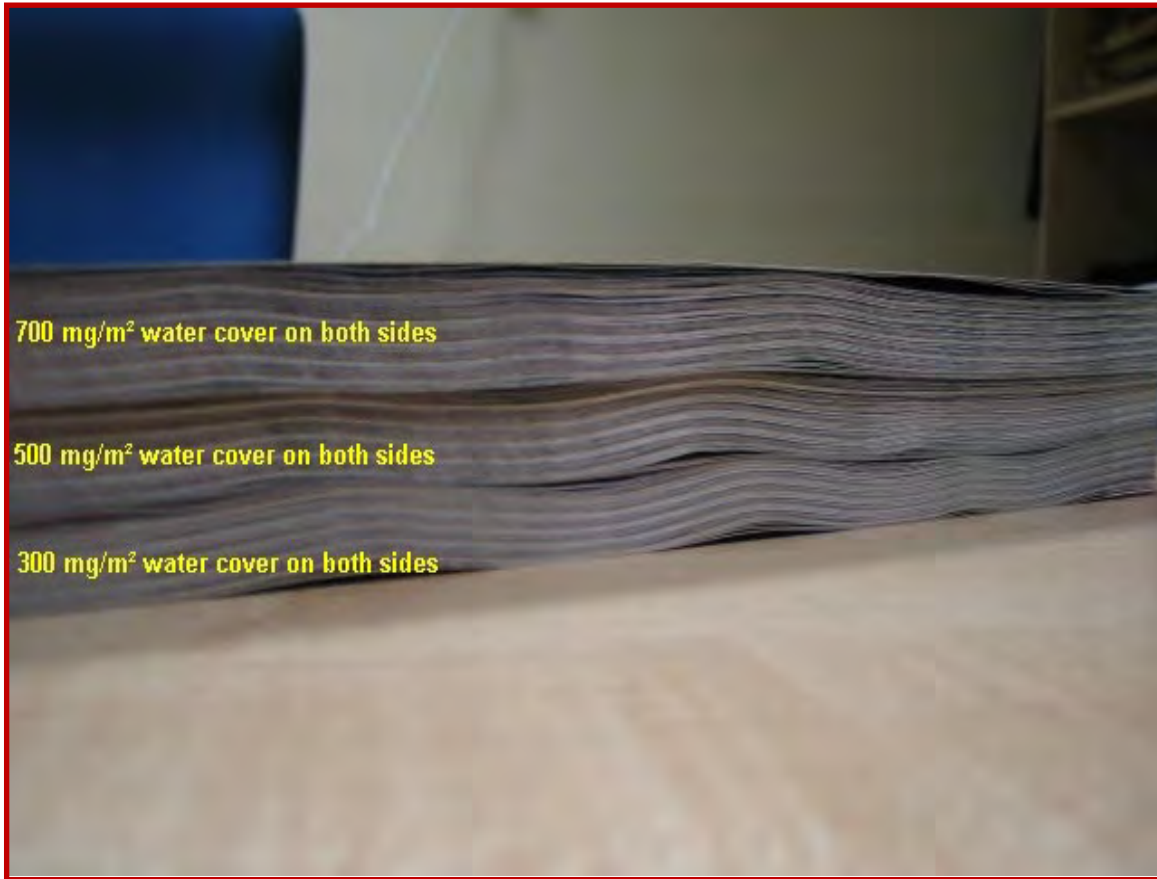
Broken backs

REMOISTENING: EXAMPLES



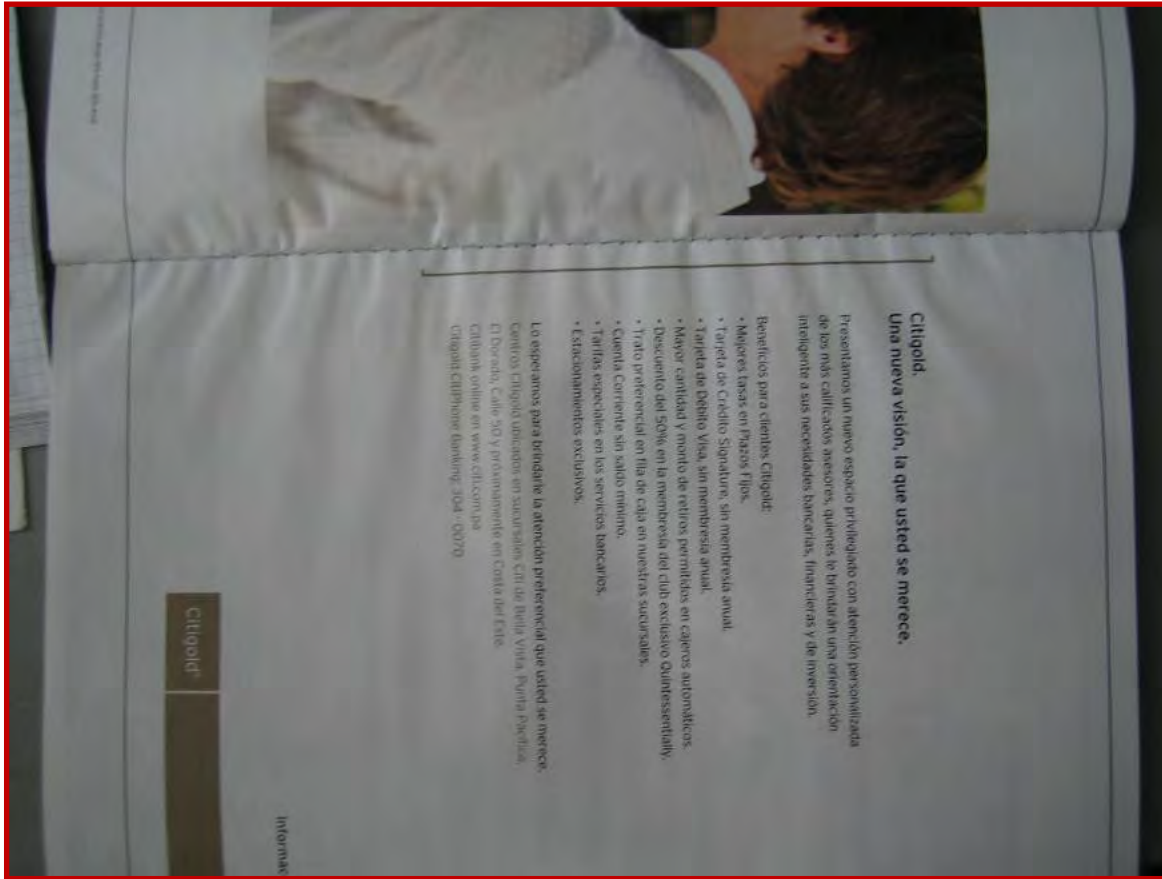
- **Growth of the cut books**
- Flatness of the signatures
- Page turn over of short grain books
- Broken folds / Break out of staples

REMOISTENING EXAMPLES



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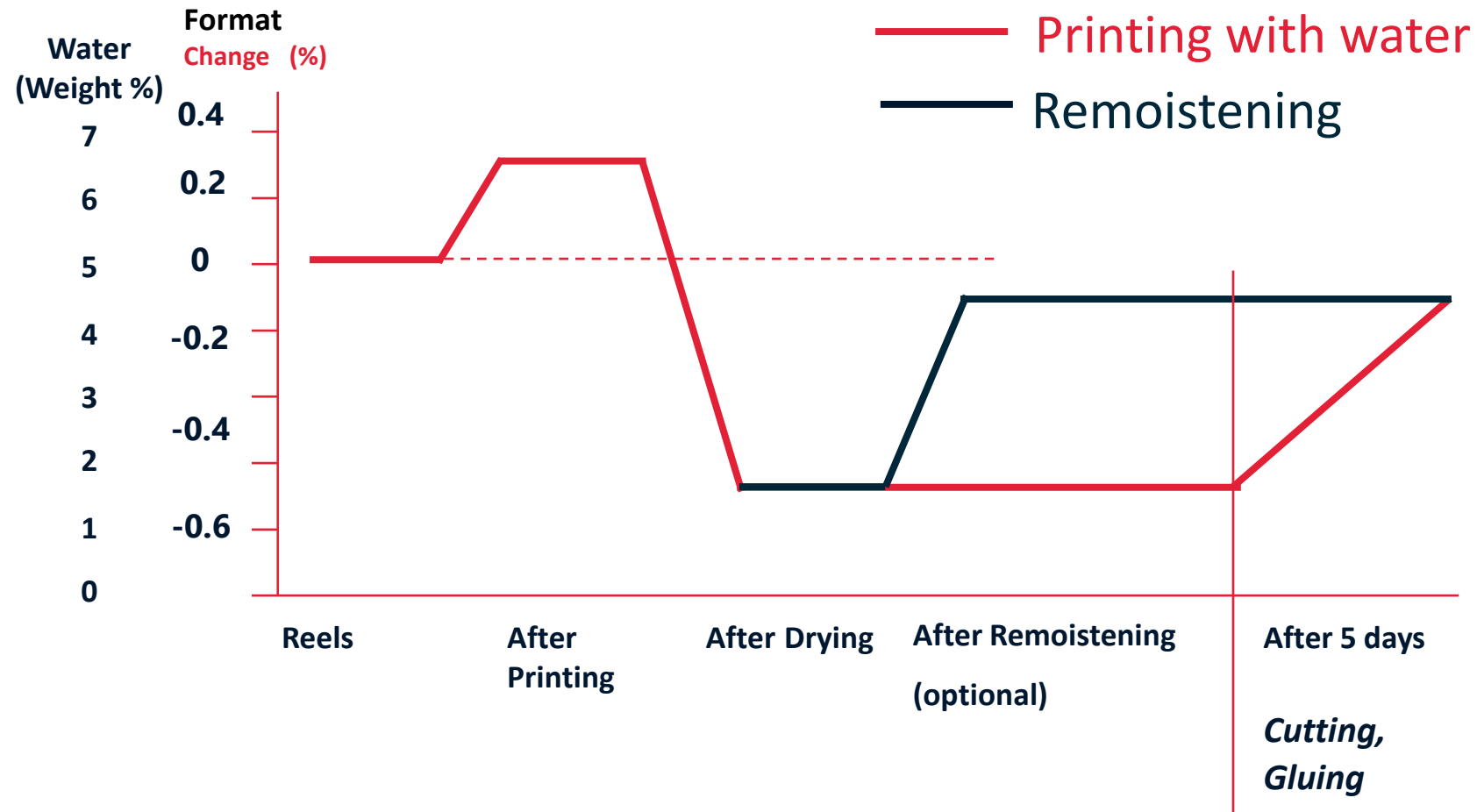


REMOISTENING EXAMPLES

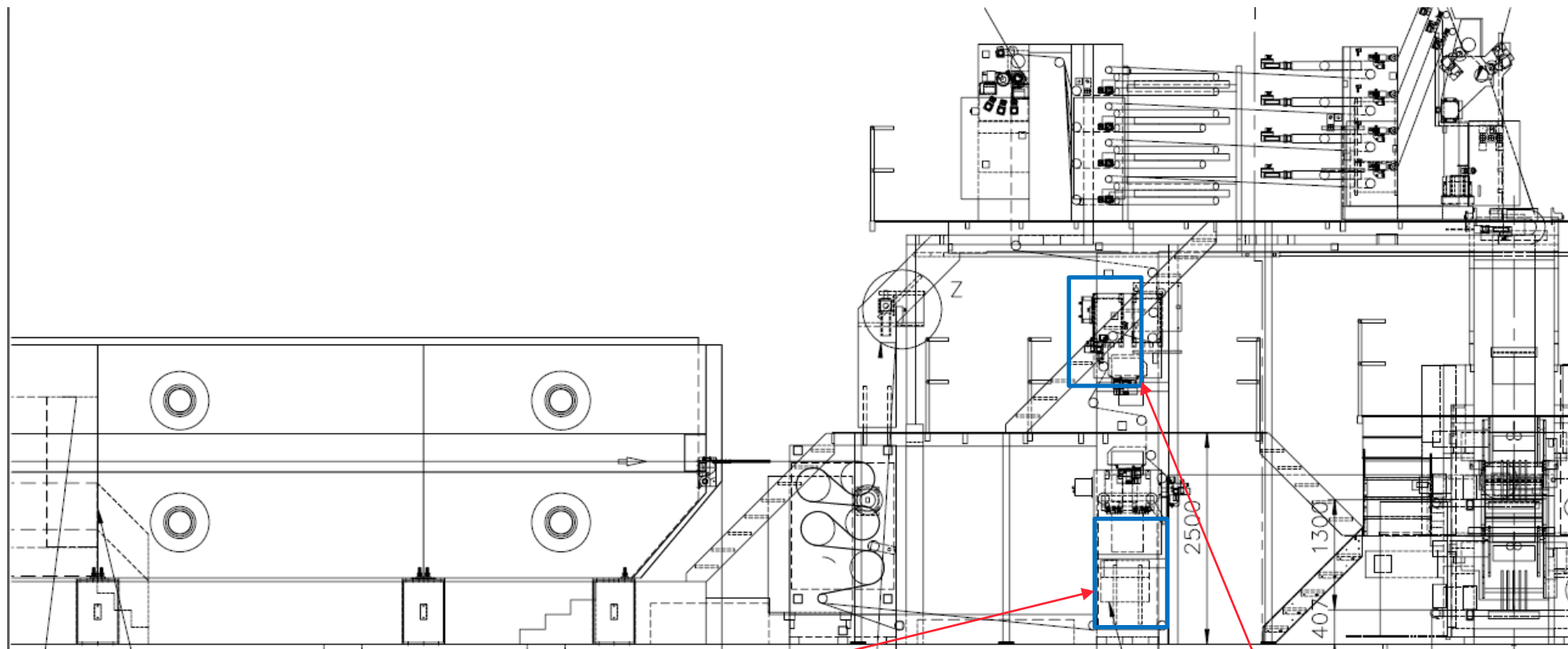


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REMOISTENING: THE REASON



TODAY'S SITUATION CONVENTIONAL PRESS



Remoistener

Usual a spray bar / nozzle system
Osmose water

Silicone Applicator

Silicone Applicator 100% Amount of Silicone
Usage by control of speed of rollers

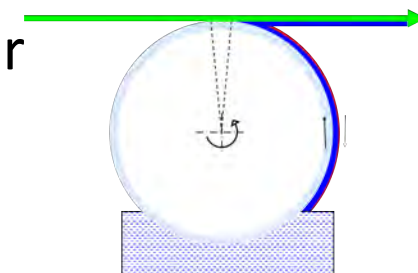
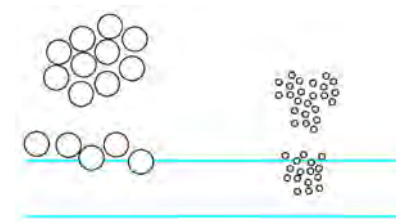
CFA – STANDALONE ALL IN ONE



HOW IT WORKS?

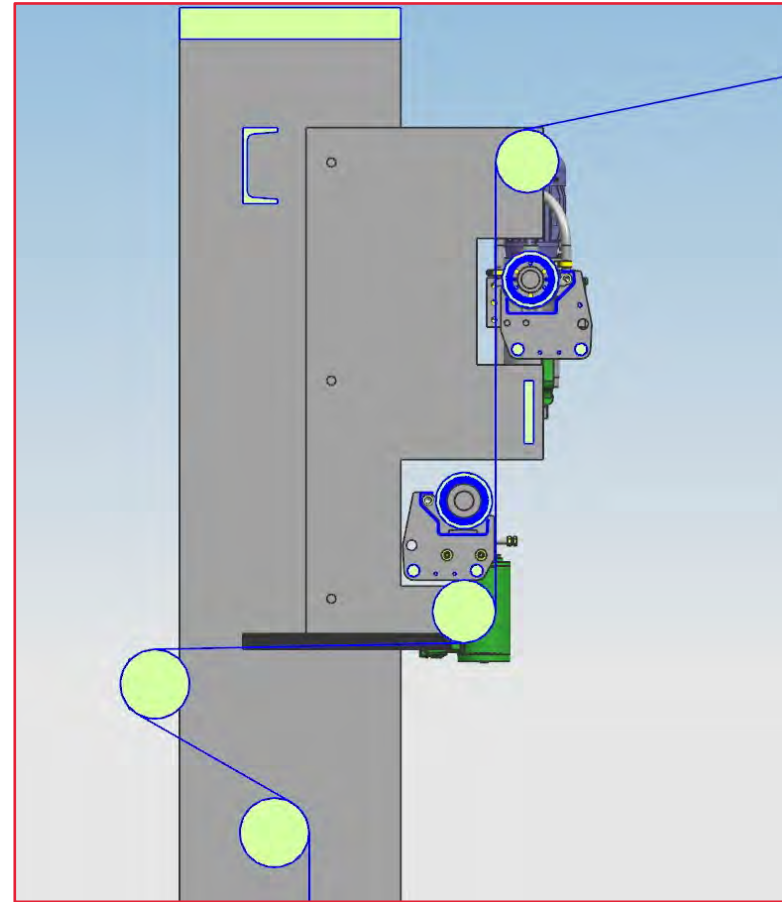
MINIMUM 60% COST SAVINGS ON CONSUMPTION OF SILICONE

- "100% pure silicone oil" instead of mixed concentrate (<€)
- Drinks from the tap
- Mix directly before usage in the tray:
 - "Unstable" (large oil drops) instead of "stable" (small oil drops)
- Use 0.1% surfactant for oil and water adhesion
- Ekonol rollers instead of Teflon rollers (extended life) / Chrome roller
- **More oil on paper and less in paper**
- Minimum 50% - 60% savings on consumption of silicone oil!
- About 85% on amount; less IBC means less traffic; stock room



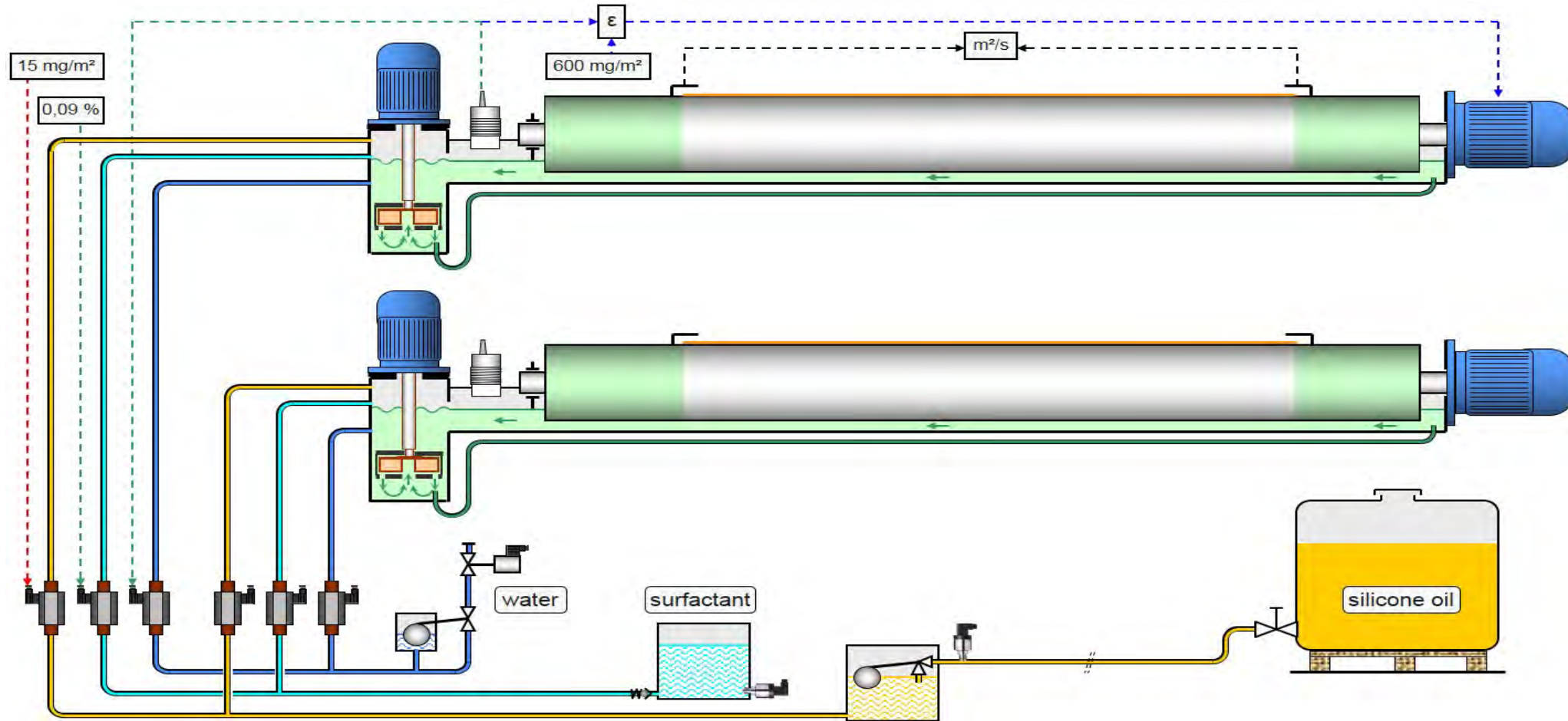
CONTIWEB FLUID APPLICATOR

STANDALONE - DRUPA 2016 RELEASE



CONTIWEB FLUID APPLICATOR

SILICON – REMOISTENING SYSTEM

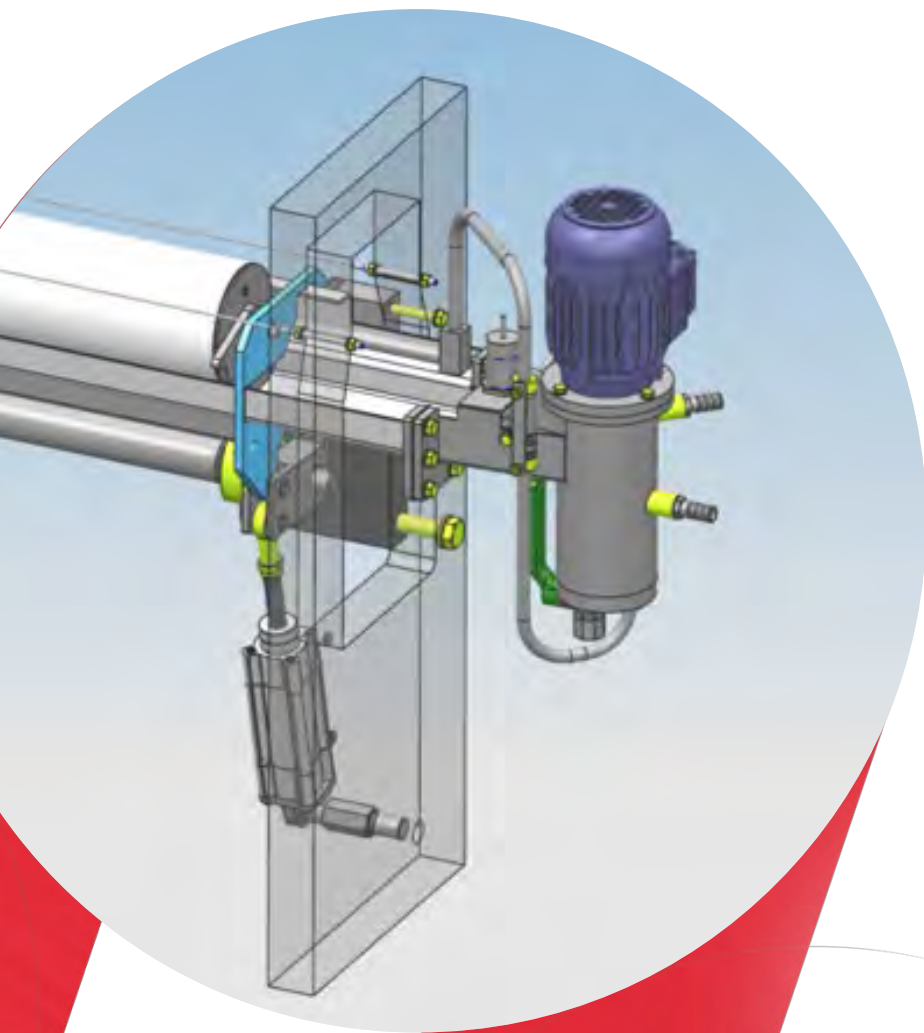




CONTIWEB FLUID APPLICATOR

SCOPE OF SUPPLY

- Two application trays with at operator side the drive motor and at drive side the mix device
- Teflon applicator rollers
- One conditioner unit at drive side for water
- One container for surfactant
- One container for silicon buffer
- 6 pumps for water/silicon/surfactant
- Software + electric parts



INNOVATION

- Contiweb Fluid Applicator (CFA) offers more control and immediate cost savings (>60%)
- Less logistics: >85% reduction in containers
- Additional longer-term savings through reduced maintenance
- = R.O.I. about 2 years
- Improve print quality with coated paper

Now option or retrofittable on Ecocool, Ecoset dryers or replacement of standard silicone applicator AND remoistening system

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www.impressionsworldwide.com
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Thank you