

Guaranteed to make a **difference!**

Newspaper printing is a dirty business. Modern demands for full colour printing gives increased blanket piling which in turn compromises print quality. This has traditionally been solved by washing the blankets 1-2 times daily. The result is costly production stops and environmental problems due to the large amount of solvent needed for cleaning.

Needless to say, substantial savings can be made if these stops can be decreased.

Now it is possible. Web cleaning technique from KELVA can reduce the number of stops to 3-4 a month!



Efficiency in action

Eliminate blanket piling

Increasing demand for full colour printing results in the use of more printing units and a growing need for blanket washing and cleaning capacity. Full colour printing is also more sensitive to the effects of blanket piling. Installing a web cleaner from Kelva in the printing unit eliminates blanket piling and provides a high consistent quality of the print.

Limit blanket washing

Today, blanket washing means that production has to be stopped and manual cleaning carried out. Occurring up to two times a day, it has growing effects on economy and efficiency. It also affects the working environment negatively since manual cleaning wears heavily on shoulders and arms. With Kelva's patented system for web cleaning, blanket washing can be limited to 3-4 times a month, meaning higher production output and better working conditions. Your printing professionals are able to concentrate on achieving top quality printing instead of using thousands of hours for cleaning.



One cleaning head per web is all that is needed.



Improve yield

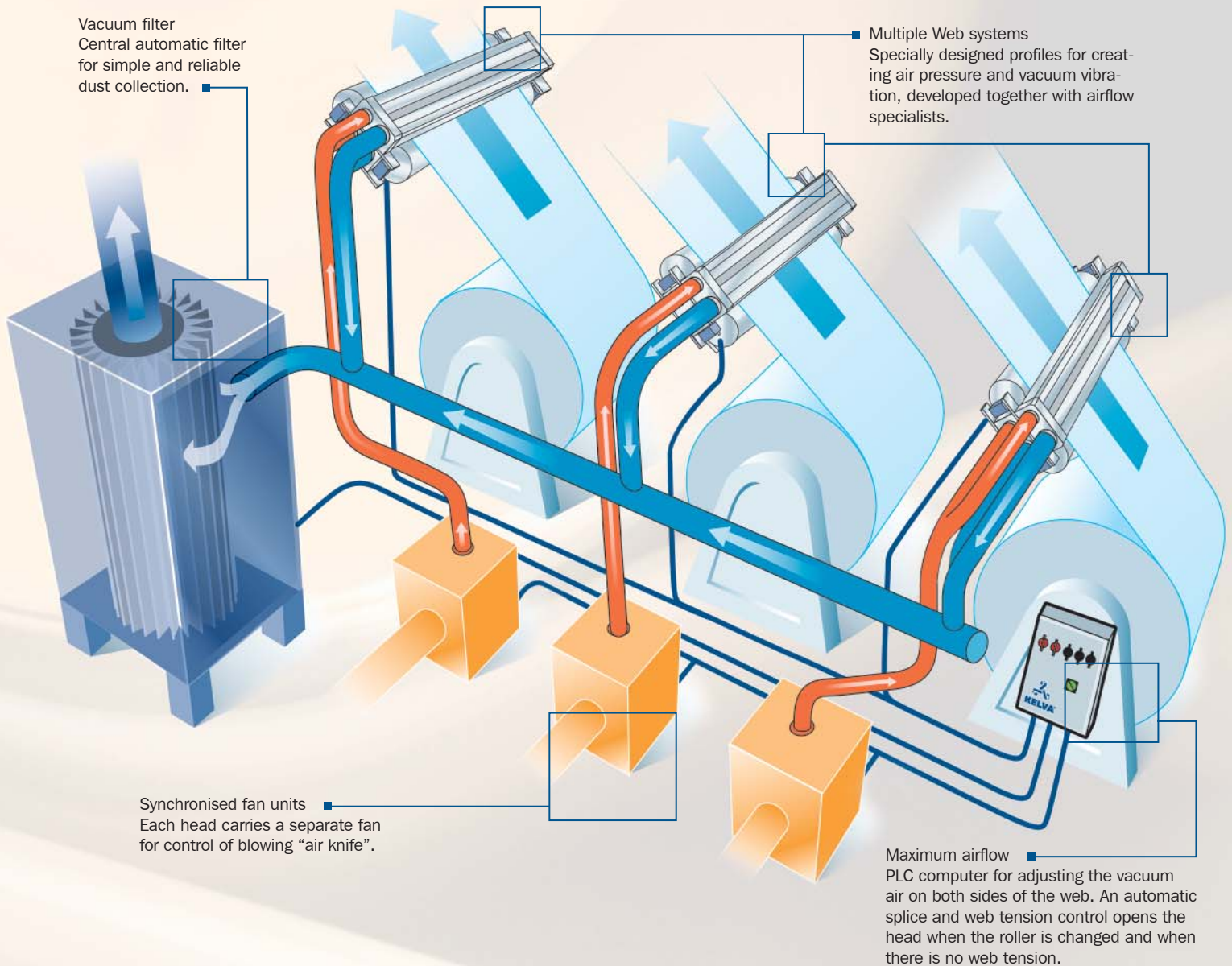
Every blanket washing means a considerable loss in yield. With the opportunity to decrease the stand-still time, a substantial increase in the number of printed papers will occur – without having to add anything in terms of personnel or maintenance.

Quick pay-back

The investment costs for installing a Kelva web cleaner are low. In fact, our web cleaners add value in terms of less paper waste, need for less solvent, avoidance of premature blanket wear and lower running costs for blanket washing.

Environmental gains

Offset newspaper printers in the European Union use about 17,500 tons of solvent each year. Of this, approximately 90% are used for blanket washing. If just half of this could be saved, substantial environmental gains would be achieved. A web cleaner from Kelva is an efficient way of reducing the pollution from your production – to everybody's benefit!



Synchronised operation

A complete system for double-sided web cleaning consists of a series of non-contact web cleaner heads with antistatic equipment. Each with an individual fan that operates synchronised with a central automatic filter for the vacuum air. The individual fan units generate pressurised air which, in combination with an antistatic discharger, breaks up the boundary and moisture layers. It deionises both the contamination and the web, allowing the vacuum air to easily collect and transfer the loose particles to the central automatic filter.

Why choose Kelva?

KELVA's web cleaning system for newspaper presses is specially designed for maximum efficiency, low maintenance and full synchronisation with the press. It enables simultaneous cleaning of multiple webs with various web widths and paper qualities.

Advantages:

- Reduction of blanket washing and increased production
- Better environment and less machine cleaning
- Less paper waste and use of cleaning solvent
- High and consistent print quality
- Lower investment and running costs for blanket washing



KELVA® web cleaning concepts and diaphragm pumps for graphic media are distributed to customers all over the world. We hold a unique combination of broad international experience and extensive process knowledge. Safe and reliable production are key words for all our products and services supplied. Through our worldwide network of distributors we can guarantee full customer satisfaction when it comes to solutions based on individual needs.

AB KELVA is a member of the Swiss company group Chromos AG, a strong and well-known supplier to the graphic arts industry in central Europe. Chromos AG also forms strategically important part in our global network.

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