

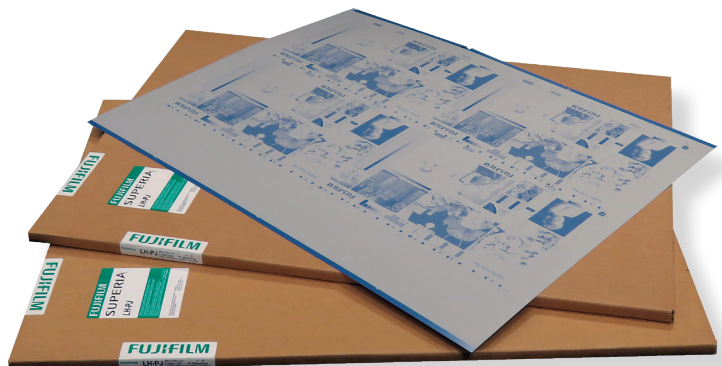


Fujifilm SUPERIA System

PRODUCT BROCHURE

Superior for less, SUPERIA for more.

FUJIFILM
SUPERIA 



Making offset printing more profitable.





The Fujifilm SUPERIA offset plate making system offers new value to the offset printing industry through resource saving innovations to reduce consumption of materials, man-hours, water, energy, and emissions. Now you can reduce the cost normally associated with conventional platemaking systems and turn them into profits.

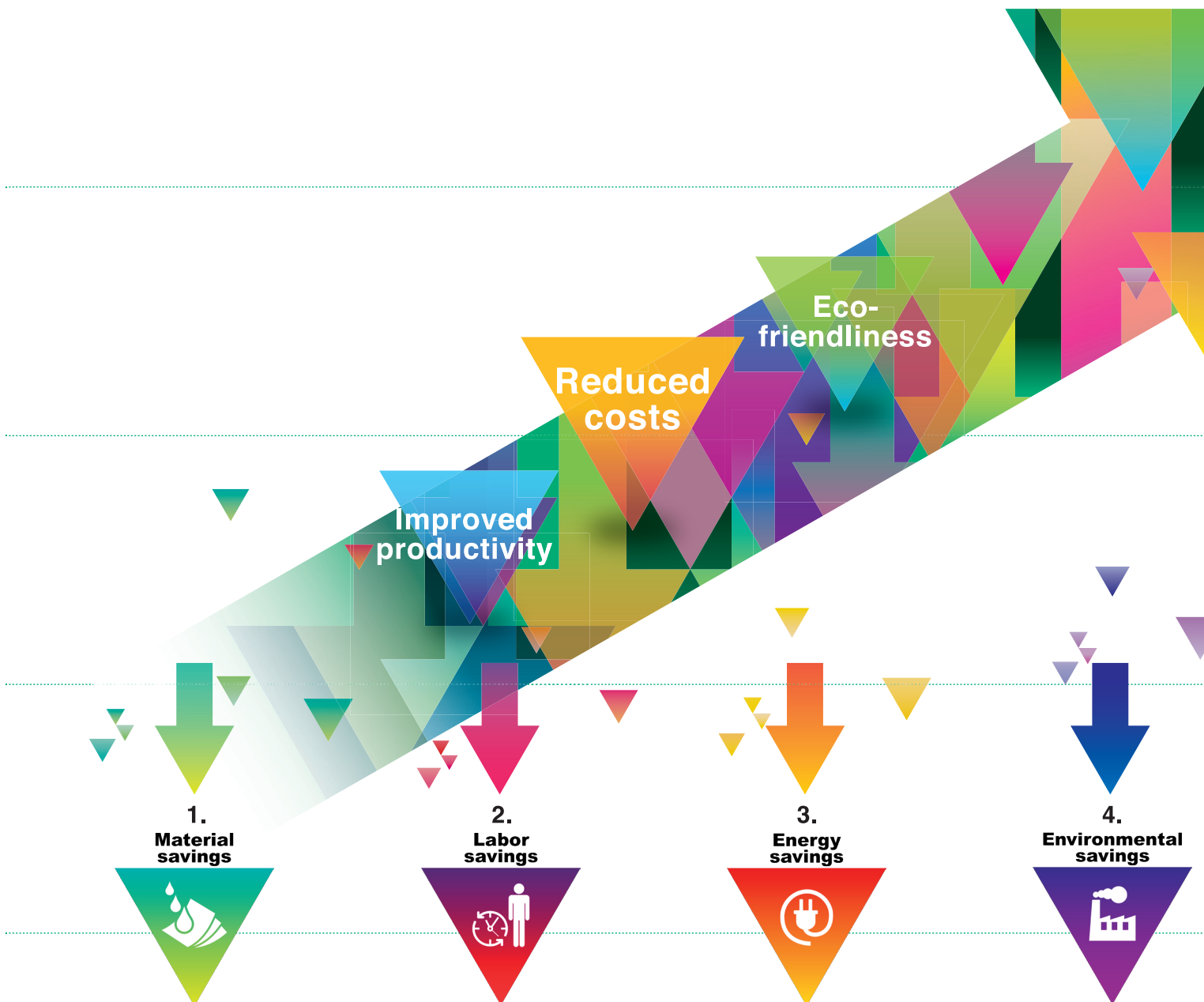
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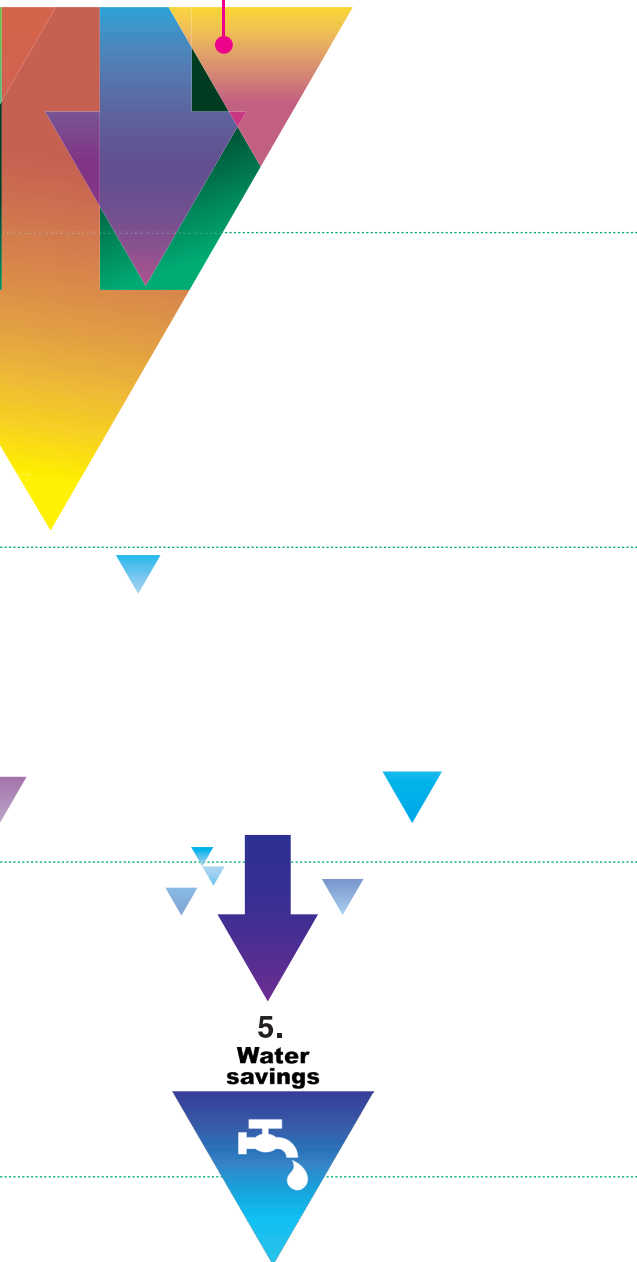
SUPERIA supports resource savings directly leading to profits.

The Fujifilm Superia system can help reduce the consumption of paper, ink and the other main materials used in the offset printing process while conserving energy, lowering emissions and reducing water consumption. These savings, along with improved productivity through lower labor requirements, contribute to improved profits.





Improved profits



1. Material savings



Generally, paper and ink account for the greatest ratio of printing costs. Reducing these key materials is the first step in reducing costs. Among the different areas of resource savings, lowering the cost of paper and ink will lead to the clearest benefits in terms of increased profits.

2. Man-hour savings



Shortening working time and reducing production workload will reduce the number of people and working hours required for each process. Time that is saved can be assigned to other tasks, and shorter processes help enable quick turnaround times and increase capacity to handle more jobs.

3. Energy savings



Regardless of national and regional differences, the second highest ratio of printing costs after paper and ink is accounted for by fees for utilities such as electricity and gas. Conservation of energy is therefore an important factor in reducing costs and boosting profits.

4. Reduced emissions



Avoiding the discharge of chemical waste liquids and exhaust gases not only helps protect the environment, but can also indirectly reduce costs.

5. Water savings



Water charges vary depending on the country and region, so the extent of cost reductions may differ, however reduced water usage lowers cost and reduces associated drainage processing costs.



SUPERIA supports resource conservation as a comprehensive package.

'SUPERIA' seeks to achieve five resource saving benefits from a range of products including CTP systems, printing-related processing chemicals, software and consulting. This allows SUPERIA to contribute greatly to improve the profitability of the offset printing system.

Processless thermal CTP system

Processes such as alkali development and gumming can be completely eliminated.

- ▶ Zero developing fluid eliminates waste liquids
- ▶ Lower water usage reduces discharge
- ▶ No processor required resulting in reducing energy consumption

Processless thermal CTP system

Fujifilm's thermal CTP plates are consistent from batch to batch and remain stable over time. The processor, which requires infrequent refilling, produces low volumes of waste, and achieves consistent processing stability resulting in greatly reduced maintenance procedures and man-hours.

- ▶ Reduced developer and wash water reduces waste liquids
- ▶ Ultra-long bath life greatly reduces the frequency of fluid replacement.
- ▶ The stability of the processing fluid results in more consistent print

Fountain solution / processing chemicals for printing

Optimum developing chemicals from a wide-ranging product lineup achieve both superior results, and help solve various issues associated with the printing process, significantly reducing the incidence of printing problems such as ink feedback, grazing and blanket piling.

- ▶ Dramatic reduction of the number of blanket washings due to the inhibitory effect of blanket piling
- ▶ Print quality is improved through a reduction in over-emulsification and preventing scratches and reducing paper waste.
- ▶ Ink scumming of the dampening roller is also less frequent, which reduces the required washing frequency.
- ▶ High quality can be maintained without IPA.



Material saving



Man-hour saving



Energy saving



Reduced emissions



Water saving





Five resource-saving solutions produce synergistic benefits

FUJIFILM SUPERIA

Software
Workflow /
system screening

Consulting
Press maintenance /
color management
assistance

The Hybrid Workflow System “XMF” contributes to greater efficiency throughout the entire printing process. In combination with Fujifilm’s proprietary screening technology, the system results in clear benefits including a reduction in ink usage.

- ▶ Shortened drying time due to reduced ink usage
- ▶ Increase in color saturation for a vivid finish



A comprehensive consulting solution diagnoses the entire printing process in order to achieve more stable product quality, improved productivity and cost reductions.

- ▶ Reduction in printing preparation time
- ▶ Reduces time required for color management and adjustments resulting in a reduction in paper, ink, and powder waste.





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