



FUJIFILM LH-PJ

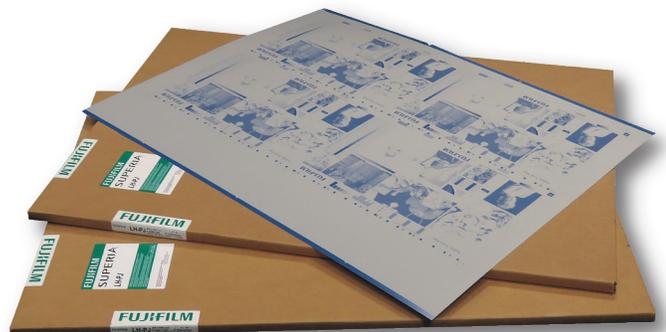
PRODUCT BROCHURE

- ▶ MultiGrain surface structure for optimum ink/water balance
- ▶ Medium run length (up to 300,000 impressions**)
- ▶ No baking required
- ▶ 10 micron stochastic certified*
- ▶ Excellent UV printing capability
- ▶ 1-99% @ 200 lpi conventional and 300 lpi FM and hybrid screening technologies
- ▶ Elimination of frequent CTP calibration
- ▶ No ablation

* Dependent upon platesetter and screening used.

** Run length can vary based on press, paper, chemical, and ink conditions

FUJIFILM
SUPERIA



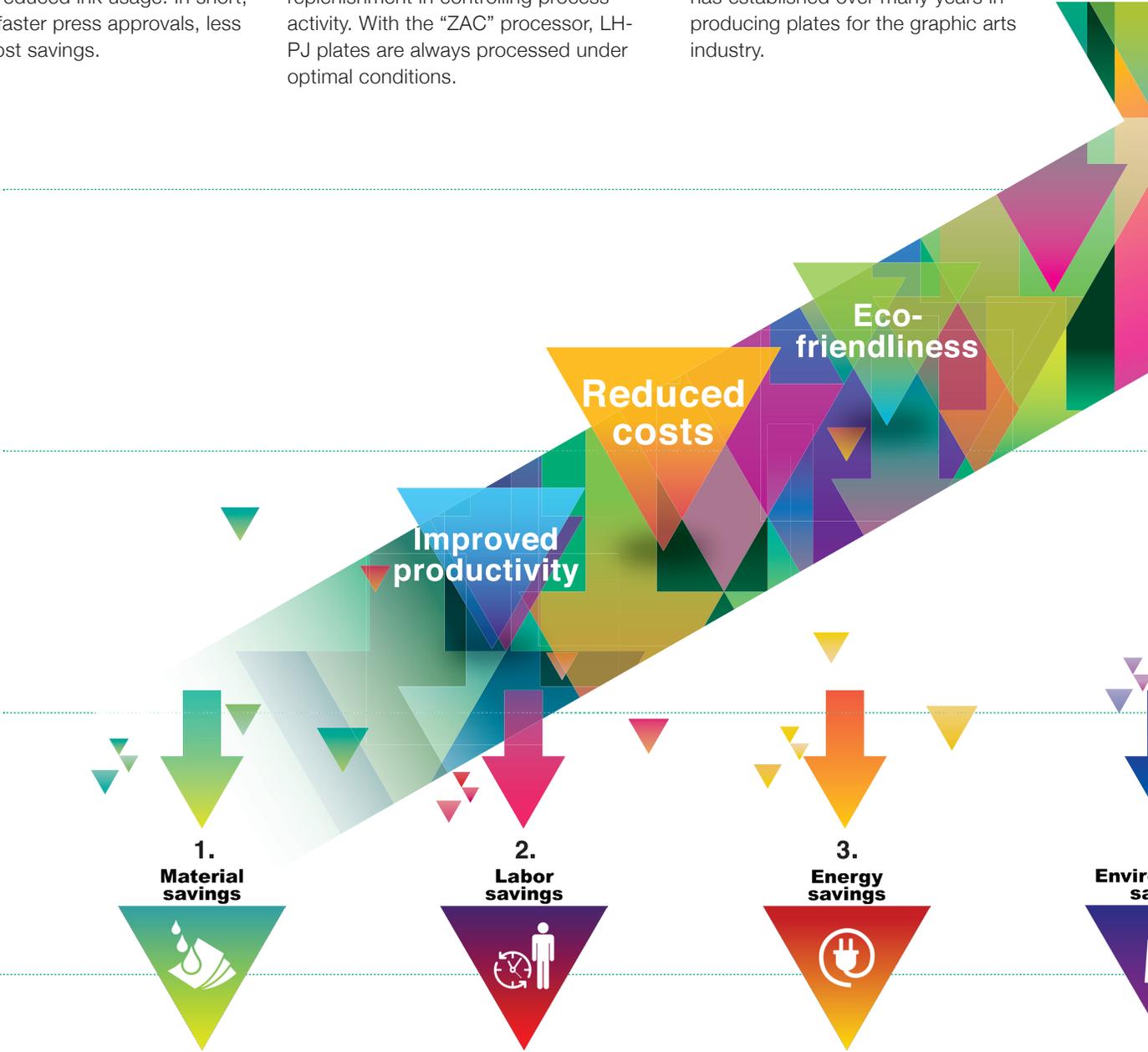
Fujifilm is committed to continuous improvement in helping you increase prepress and press productivity

A positive-working, no-bake thermal plate, Fujifilm's SUPERIA LH-PJ dramatically improves on press performance, while simultaneously providing excellent durability.

By employing a proprietary MultiGrain surface structure, the LH-PJ plate provides exceptional ink/water balance, giving you sharper, cleaner and drier sheets, faster makereadies, quicker restarts and reduced ink usage. In short, it's all about faster press approvals, less waste and cost savings.

Fujifilm's LH-PJ plate is designed to work with revolutionary intelligent "ZAC" processing technology, which greatly improves plate production speed and consistency and eliminates over-replenishment in controlling process activity. With the "ZAC" processor, LH-PJ plates are always processed under optimal conditions.

Fujifilm is committed to continuous improvement in helping you increase prepress and press productivity and the SUPERIA LH-PJ plate is built upon the tradition of excellence Fujifilm has established over many years in producing plates for the graphic arts industry.

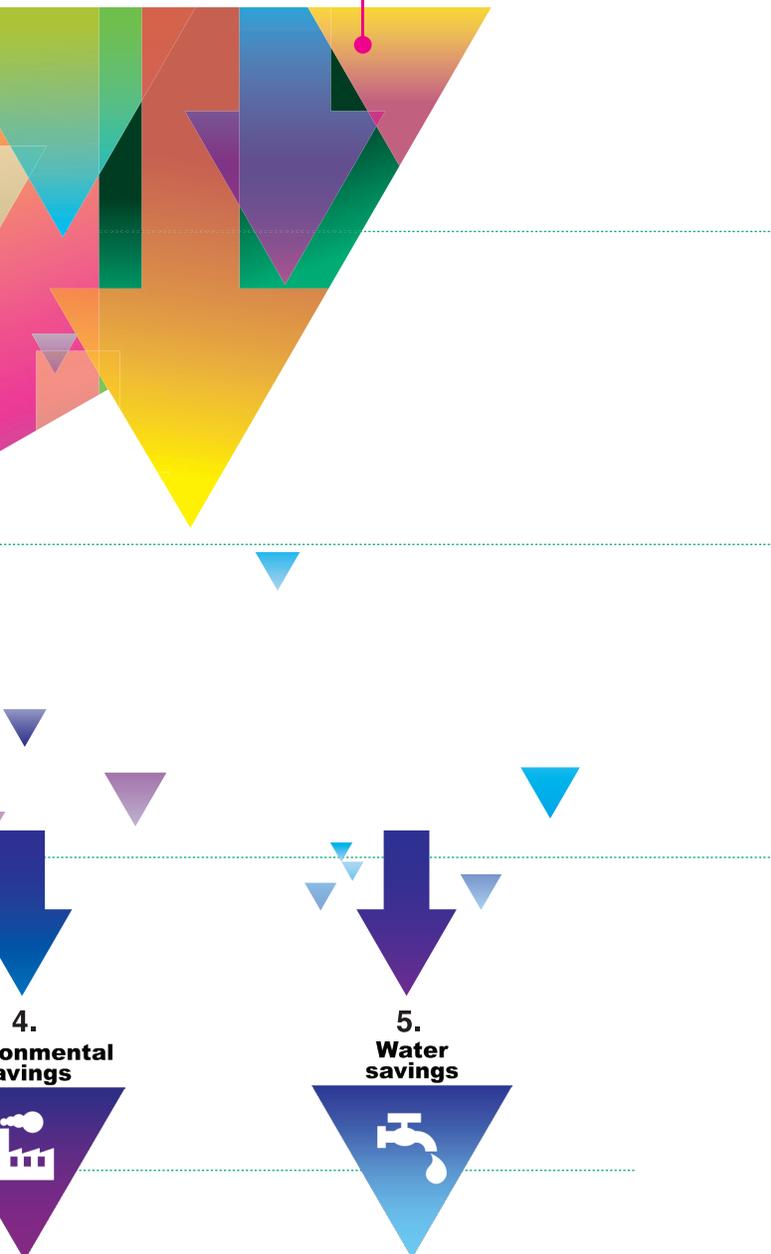




SUPERIA supports resource savings directly leading to profits.

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.

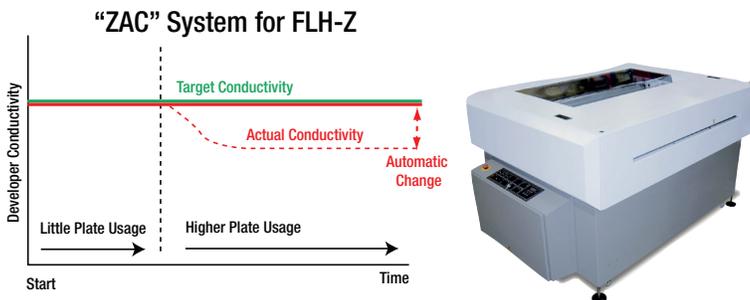
FLH-Z Processor

Designed to provide greater prepress productivity, Fujifilm has introduced the unique “Z” plate processor. This revolutionary intelligent processor utilizing ZAC technology monitors conductivity and precisely controls activity, resulting in increased chemistry life, decreased effluent and reduced costs.

THE FLH-Z PROCESSOR FEATURES:

Supports SUPERIA LH-PJ, SUPERIA LH-PL, LH-NI3, and LH-PSE Plates

- ▶ Faster plate processing
- ▶ Accurate monitoring of conductivity and automated control of activity
- ▶ Unparalleled developing consistency
- ▶ Significantly less processing chemical consumption
- ▶ Reduced effluent discharge
- ▶ Decreased processor maintenance
- ▶ Greater intervals between chemical changes
- ▶ Elimination of scrub roller pressure development variation
- ▶ Optional remote monitoring of all processor functions with Fujifilm’s ColorPath Universe



Specifications	
Sensitivity	100-120mJ/cm ²
Developer / Replenisher	DT-2W / DT-2R
Safelight Handling	White light; Up to 1 hour in plate making
Plate Thickness Available	0.15mm, 0.2mm, 0.3mm, 0.4mm
Run Length	Up to 300,000 impressions* * Results can vary depending on press, paper, ink, and chemicals (UV aptitude, but run length will vary depending on ink, chemicals, paper, press)
Largest Plate Size	1560mm x 2060mm 0.3mm

A NEW GENERATION THERMAL CTP PLATE

New Fujifilm technology achieves:

- ▶ Wider ink/water balance with new enhanced MultiGrain
- ▶ Better scuff resistance for prepress handling
- ▶ Excellent tone reproduction for high definition printing
- ▶ Lower chemical cost with “ZAC” control system

ENHANCED MULTIGRAIN



Mono Dispersion Large Grain



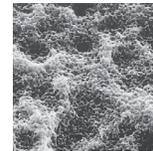
Medium Grain



Micro Grain



Micro Pore



SPECIFICATIONS:

FUJIFILM'S PROPRIETARY MULTIGRAIN TECHNOLOGY

All SUPERIA plates are made by applying a complex grain structure, consisting of primary grains, honeycomb grains and micropores, to an aluminum support.

This MultiGrain structure produces a synergistic effect that results in:

- ▶ Outstanding printing efficiency
- ▶ Rich tone reproduction
- ▶ Long press life
- ▶ Simple platemaking

RIGHTONE REPRODUCTION

- ▶ Fujifilm SUPERIA plates offer exceptional dot resolution in highlight, midtone and shadow areas, with a minimized dot gain ratio and superior print quality.

CLEAN WORKING ENVIRONMENT

- ▶ Fujifilm has produced the cleanest plate system available. Neither plate nor processing solutions are harmful to the environment.

EXCELLENT INK AND WATER BALANCE

- ▶ A unique MultiGrain aluminum structure provides water receptivity that ensures an easy-to-maintain ink and water balance, plus minimum dot gain on press, and less piling to reduce paper waste.

TOTALLY AQUEOUS

- ▶ Fujifilm offers the first complete plate system which utilizes only aqueous chemicals, from short-run duplicator to long-run web.

