



Newspaper plate production

PRODUCT BROCHURE

Superia - making newspaper
production more profitable

Advanced Superia solutions for making newspaper production more profitable

Today's printers are under constant pressure to improve print quality, increase productivity, lower costs and boost environmental performance, which is why Fujifilm has focused on developing solutions that meet these combined challenges across every segment of the industry.

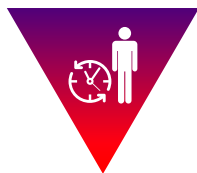
The company's Superia concept has seen considerable success in the commercial print market since its introduction, with its simple aim of reducing the resources used in offset printing in the form of materials, labour, water, energy and waste.

Fujifilm has now applied these ideals to newspaper production, with a particular focus on improving automation and reducing material usage and waste.

Fujifilm's newspaper portfolio consists of a powerful and scalable newspaper workflow, a range of high performance platesetters and finishing units, and a benchmark range of Superia low chemistry plates. In addition, Fujifilm also offers a complete range of pressroom solutions that help to increase profitability, optimise productivity and reduce a printer's environmental footprint in the pressroom.



Material savings



Labour savings



Energy savings



Environmental savings



Water savings

Workflow

Elara is a powerful, pre-press workflow system built for automating newspaper production, optimising efficiency and productivity.

Platesetter

The Luxel News VMAX is a 3rd generation modular platesetter capable of outputting high quality plates faster than any other system on the market.

Finishing Unit

The HDX NewsSpeed is a fast, highly reliable finishing unit designed to be simple to use and easy to maintain, resulting in efficient and cost-effective plate production.

Plate

Superia PRO-VN is a low chemistry newspaper plate that offers industry-leading productivity and quality while minimising chemistry use.

Pressroom

Fujifilm pressroom solutions are designed to meet the rigorous demands of newspaper production, and include a comprehensive range of founts, washes and auxiliaries.



Elara 5

Powerful, high speed workflow

Designed specifically for newspaper production, Elara 5 is a scalable, reliable and modular pre-press solution that optimises flexibility, efficiency and productivity.

Elara 5 is a fast, powerful dedicated newspaper workflow system that manages the whole production process, from PDF to plate, across multiple print locations. By far the fastest newspaper workflow, Elara's powerful RIP can process up to 1500 PDF pages per hour and by factoring in the capabilities of your production equipment, Elara will run production at the highest possible speed. An open architecture enables in-house developers to quickly and easily integrate existing systems if needed.

Innovation is in-built as standard, with RGB-PDF support, multi-RIPing and in-RIP ink optimisation, as well as built-in imposition modules that enable both PDF and TIFF files to be used in a mix-and-match workflow.

Elara 5 represents a complete system, from PDF to plate, combining all the tools needed to precisely manage newspaper production pre-press in one intuitive, easy-to-use solution.



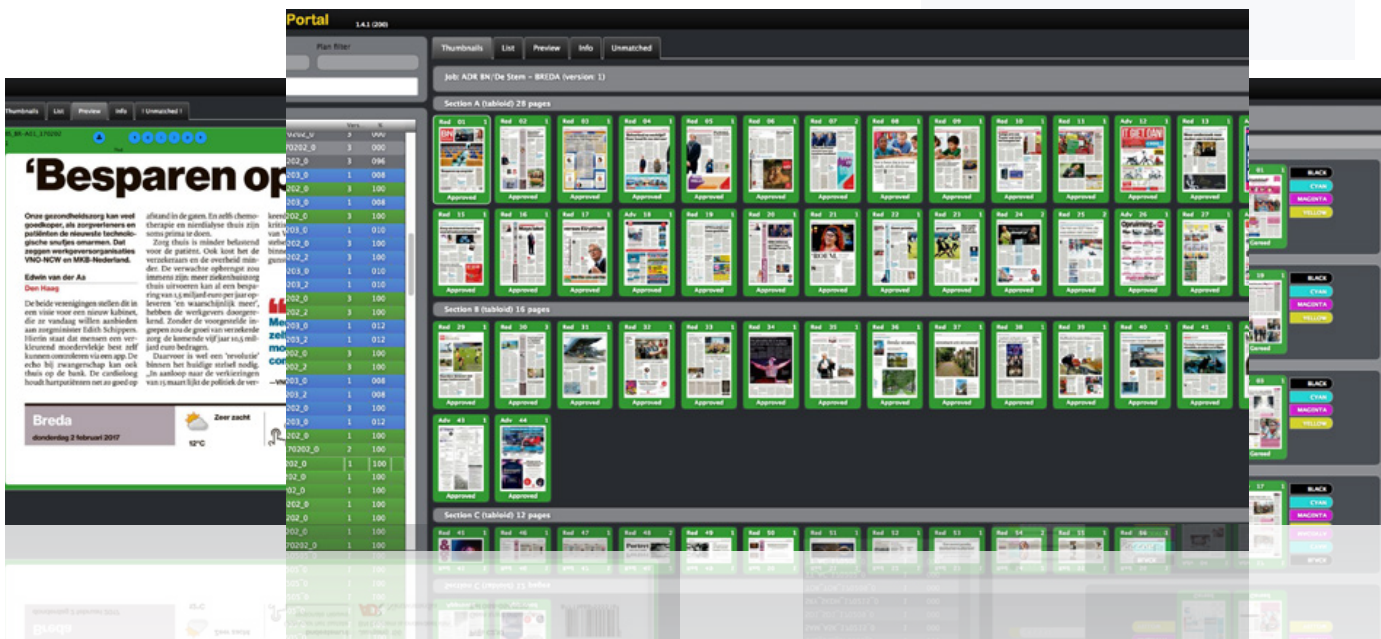
Labour savings

Elara Production Planner:

- ▶ Automates page pairing, press cylinder correction and plate-stacking and sorting
- ▶ Helps you plan newspaper editions based upon press configurations
- ▶ Eliminates need for costly software-to-press interfaces

Elara PDF:

- ▶ Check, repair and normalise PDF files before production
- ▶ Fix RGB format images, thin lines, incorrect versions, missing fonts, low-resolution images or overprinted text
- ▶ Perform pre-flighting, picture enhancement, ink-saving, PDF flattening, anti-aliasing and more



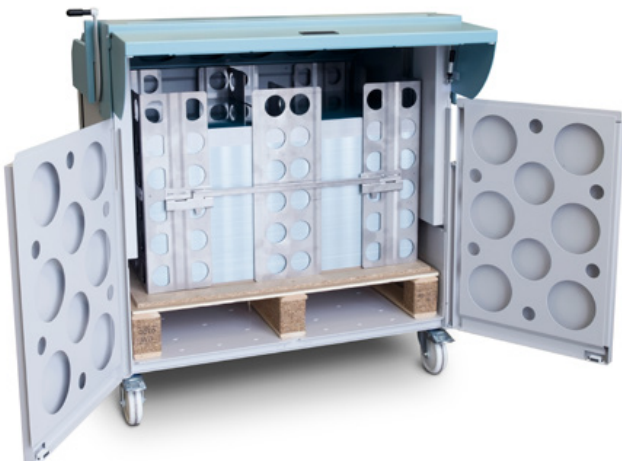
Luxel News VMAX

Powerful modular platesetter

Designed to meet the rigorous demands of the newspaper industry, the Luxel News VMAX violet CTP platesetter provides high quality plates faster than any other system on the market.

At up to 400 high quality plates per hour at 1270dpi, the Luxel News VMAX delivers ultra-fast imaging speeds with high precision. Reliability is optimised through a reduction in unnecessary components and an almost maintenance-free optics system. With its overall low cost of ownership and ease of use, the Luxel News VMAX is an excellent value platesetter.

It is available in both semi-automatic and fully automatic versions, but scalable so can be upgraded and expanded as production requirements change. It can also be installed with a processor, punch and bender inline for optimal efficiency. The ability to include two autoloaders means that up to 6,000 plates can be made available for automated production. The option of a pallet loading cassette makes it possible to load plates directly from a pallet, for ultimate production efficiency.



Labour
savings

Luxel News VMAX:

- ▶ High speed CTP system
- ▶ 'Plug and play' solution
- ▶ Scalable, modular design
- ▶ Easy-to-use, intuitive operation
- ▶ Ability to automate production
- ▶ Low cost of ownership
- ▶ Highly robust and reliable
- ▶ Optional pallet loader

HDX NewsSpeed

Fast, reliable finishing unit

Simple to use and easy to maintain, the reliable HDX NewsSpeed finishing unit guarantees fast, efficient, cost-effective newspaper plate production.

Designed by Glunz & Jensen, the HDX NewsSpeed is a high speed finishing unit for use with Fujifilm's dedicated Superia PRO-VN low chemistry plates. With a linear speed of 3 metres/minute, it is a very fast processor built for demanding newspaper production.

In combination with Superia PRO-VN plates, the HDX NewsSpeed can dramatically reduce chemistry consumption, as no developer is required. The system's water consumption for a full week's production amounts to as little as 3 – 4 litres, but without any water waste. It also delivers very clean plates, with an integrated Gum Barrier™ that cleans any contaminated gum still on the plate, preventing it from reaching the plate line, and an Automated Cleaning System (ACS) for minimising the time spent cleaning the processor.

An intuitive touch screen display control panel makes it easy to operate, with the added benefit of built-in remote support and diagnostics. It is also easy to maintain with an easy-lift top cover providing rapid access to snap lock mounted brushes, rollers, spray bars and guides. Fluid and temperature levels are automatically monitored and adjusted.



Labour savings



Material savings



Energy savings



Water savings

HDX NewsSpeed:

- ▶ High-end, reliable design for demanding newspaper production environments
- ▶ Low chemistry usage
- ▶ Fast, efficient and cost effective plate processing
- ▶ Optimized easy cleaning and less maintenance

HDX NewsSpeed Automatic Cleaning System:

- ▶ Automatic cleaning sequence saves time cleaning processor
- ▶ Can operate unattended
- ▶ Easy to use control panel



Superia PRO-VN

Low chemistry newspaper plate

The Superia PRO-VN low chemistry newspaper plate offers industry-leading productivity and quality while minimising chemistry use.

When used in conjunction with the HDX NewsSpeed finishing unit, Superia PRO-VN plates enable a dramatic reduction in chemistry consumption, as no developer is required. Specifically developed to meet the production demands of the newspaper industry, the low chemistry plate enables newspaper printers to achieve the same levels of productivity as they achieve with conventionally processed violet CTP plates.

Not only is chemistry consumption lower, but the added benefit of a no water rinse option means less system waste. This cleaner working leads to less downtime required for system cleaning and maintenance.

Superia PRO-VN delivers excellent dot reproduction and consistent quality throughout the run.



Labour savings



Material savings



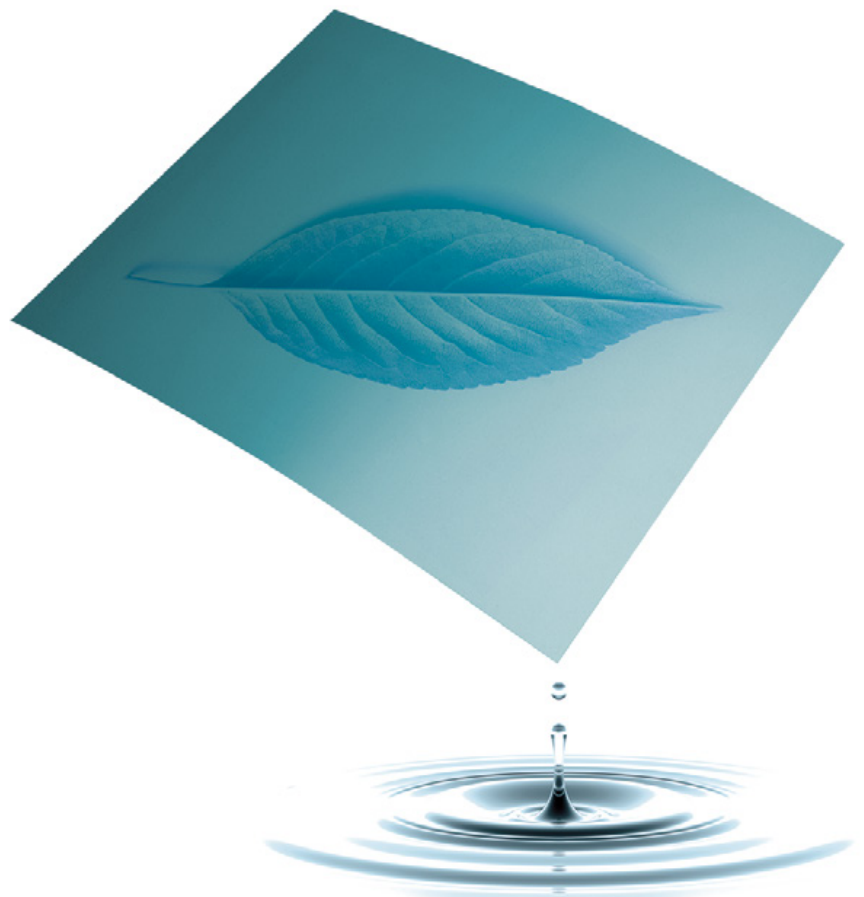
Energy savings



Environmental savings

Superia PRO-VN:

- ▶ 2-98% @ 1270 dpi / 100 lpi
- ▶ Up to 300,000 impressions
- ▶ Low chemistry consumption
- ▶ Cleaner, simpler working and maintenance
- ▶ High productivity
- ▶ Sharp dot
- ▶ Consistent image quality



Pressroom solutions

Optimise your printing process

Fujifilm's range of founts, washes and auxiliaries are designed to optimise the performance of Superia PRO-VN with your newspaper press.

In addition to developing market leading printing plates, we go one step further. The way plates perform on-press with the relevant pressroom products is critical to achieving optimum printing results. The formulation of our pressroom products is optimised to match our plates and your performance demands, so by using Fujifilm plates with our pressroom solutions, you can be guaranteed the best performance and print quality.

Fujifilm's pressroom chemistry portfolio includes a range of founts, washes and auxiliaries, backed up by comprehensive service and support.

Pressroom solutions:

- ▶ Achieve optimum printing results
- ▶ Includes founts, washes and auxiliaries
- ▶ Comprehensive service and support





World-class supply and support infrastructure

Advanced plate production

Guaranteeing consistent high quality plates and uninterrupted supply requires long-term investment in sophisticated manufacturing techniques and efficient logistics. Fujifilm has invested continuously in its plate supply infrastructure over many years so that printers can benefit from consistent high quality plates, day-in, day-out.

Fujifilm has four global production centres (The Netherlands, USA, China and Japan) all dedicated to delivering world-class printing plates. Advanced automation and state-of-the-art quality control at each facility results in the highest standards of production.

World-class logistics

The logistics infrastructure in Fujifilm's European manufacturing facility in The Netherlands is immense, as the facility also manages the distribution of colour paper for the consumer imaging market.

This centralised distribution centre is supplemented by logistics facilities and plate stocks in local countries, with the entire infrastructure focussed on meeting the day-to-day requirements of printers across Europe, Africa and the Middle East.

Unbeatable support

In addition to building a supply network that's second to none, Fujifilm also prides itself on the quality of its technical support. Fujifilm has built up a comprehensive network of highly skilled plate technicians, many of which are ex-printers, and software applications engineers. This means that not only do they understand all aspects of plate production, they also understand software and print applications and the demands of modern-day presses giving them the ability to deal with any issue that may arise.



Sustainable manufacturing

Fujifilm prides itself on its investment in sustainability, and the Tilburg manufacturing site is a prime example. The site itself achieved ISO 14001 certification in 1997, and has been implementing sustainability improvements every year. The ultimate aim of the site is to be 100% CO₂ neutral in everything it does. Recent investments include the installation of five wind turbines, which are set to supply approximately

20% of the total energy used by the 63 hectare site, and a co-generative thermal oxidiser which uses gases and waste solvents produced as a by-product of the plate manufacturing process. With these and other sustainability measures in place, the Fujifilm Tilburg facility estimates that it currently reuses, recycles or regenerates 99% of its waste.

Please contact your local Fujifilm partner or visit www.fujifilm.eu/print



For further information:

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