

THE NEED FOR **SPEED**

Where Speed Meets Quality



J Press 750HS
High Speed Model

J PRESS 750HS (HIGH SPEED MODEL)

RE-POSITIONING COMMERCIAL PRINT

Most commercial printing businesses meet the wide range of print requirements with the same combination of offset and toner solutions that have dominated the print market for many years. No single digital press (offset or digital) has been able to address the vast assortment of applications, cost effectively, at anything beyond short run lengths.

To meet the needs of today's print buyers and brand owners, printers have been forced to assemble a combination of offset and digital presses of varying capabilities from a range of different manufacturers. This far from ideal situation leads to difficulties managing everything from consumables and media, to color, quality and repeatability as well as staffing and expertise.

Until now individual digital solutions were only able to address a limited range of print needs, materials and applications. Now the **J Press 750HS** can efficiently produce a broad range of applications, from high value luxury packaging, high end commercial and photographic applications, to more affordable and everyday commercial brochures and collateral, to short-term promotional work with lower quality demands.



4TH GENERATION J PRESS 750HS

The Fujifilm **J Press 750HS** is the first digital press platform to offer a practical digital alternative that challenges the capabilities of offset and toner to produce a broad range of print affordably and at comparable speeds.

The J Press 750HS (High Speed Model) is capable of reaching speeds of up to 5,400 sheets per hour.

The J Press 750HS can easily switch between the quality and speed modes, to offer greater flexibility for printers to shift a wider range of offset and toner work to the J Press platform while balancing performance with cost

The J Press 750S can also be upgraded in the field, offering an upgrade path for current owners. New owners could decide to start with the standard model then upgrade to the High Speed Model as work and demands increase.

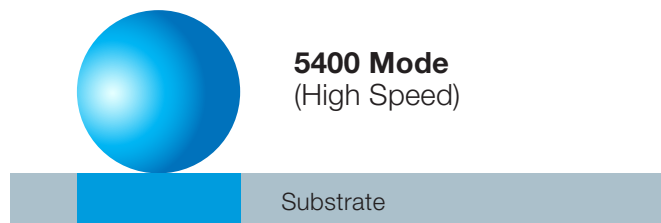
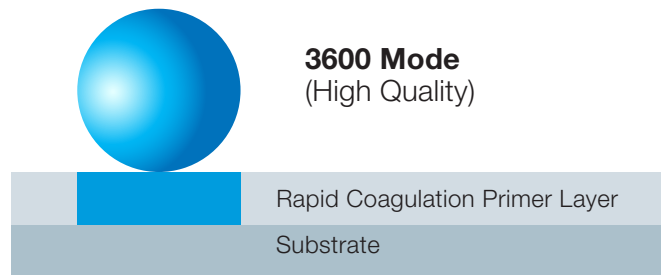


J PRESS 750HS (HIGH SPEED MODEL)

INCREASING SPEED, REDUCING COST

Dual mode Vividia HS ink

With the High Speed Model, the J Press 750HS is now able to take on more jobs, more cost effectively at greater speeds thanks to Fujifilm's development of a new water-based Vividia HS ink optimized for both print modes. When ultra-high quality is required, the 3600 mode coats the sheet with a Rapid Coagulation Primer (RCP) to enable ultimate dot control and provide the highest possible definition. For less demanding work, where higher speed or affordability is key, 5400 Mode jets the Vividia HS ink directly onto the substrate without the need for an RCP layer.



**Dual mode ink also performs a priming function

FLEXIBLE MODES

Productivity is not just about speed – a press with a range of capabilities must be able to change modes quickly to minimize down time.

EASILY TRANSITION BETWEEN MODES

SAVE BOTH TIME AND MONEY IN HIGH PERFORMANCE MODE

J Press users can accept a wider range of work and decide on the most appropriate mode to meet their customers' needs:

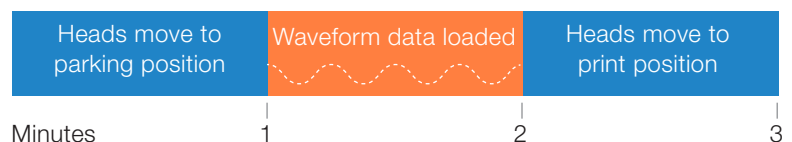
3600 sph at 1200 x 1200 dpi

3600 (High Quality Mode) where the highest definition and widest color gamut are required, ideal for challenging jobs where quality and value are key.

5400 sph at 1200 x 600 dpi

5400 (High Speed Mode) where optimized ink and coating consumption and faster print times are combined to reduce the cost of producing good quality print.

Mode switch over



Switching between High Quality and High Performance modes takes only three minutes, just one minute longer than the time normally taken to swap out a pallet of paper.

3600 sph at 1200 x 1200 dpi



5400 sph at 1200 x 600 dpi



High Performance mode saves on the use of Primer (RCP) and reduces ink consumption with a resolution of 1200 x 600 dpi

J PRESS 750HS (HIGH SPEED MODEL)

A FOURTH GENERATION PRESS ENGINEERED TO PRODUCE HIGH QUALITY PRINT ALL DAY, EVERY DAY

The J Press 750HS (High Speed Model) has been built to produce high quality print all day, every day. The benefits of an offset paper handling system are obvious, and take advantage of technology that has evolved over many years to be ultra-reliable.

But there are also many improvements in the J Press detailed on this page that improve quality even further, improve variable data handling, speed up job downloads, reduce the necessity for system downtime and minimise breaks in production due to press maintenance.



ULTRA-HIGH CAPACITY DATA SERVERS

The servers are capable of transmitting variable data alongside printed output, facilitating efficient variable data production at the full press speed of 5,400 sheets per hour.



SHEET STACKING

The final printed sheet emerges in the delivery area in the same way as a traditional offset press.



PAPER COOLING

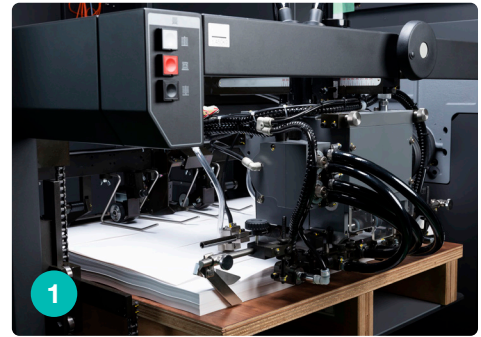
Before the sheets leave the press, they pass under a bank of fans designed to optimise the sheet temperature and ink drying performance.



OPTIMIZED DRYING SYSTEM

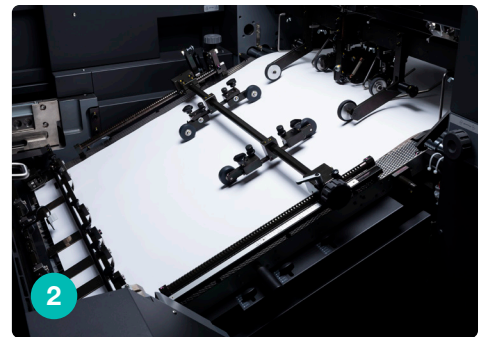
The drying system features a transport belt heated via rollers, with a vacuum applied to the sheet as it passes through this section. Drying is carried out via the heated belt and hot air applied from above. The vacuum ensures the heat is applied uniformly, keeping the sheet stable, and optimizing the drying process.

J PRESS 750HS (HIGH SPEED MODEL)



PAPER FEED

Traditional sheet-fed paper feed mechanism ensures high registration accuracy and reliable operation.



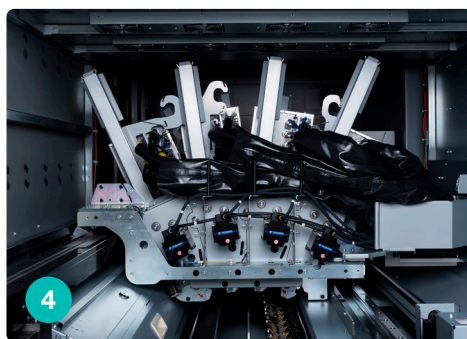
VARIABLE DATA SCANNING

To handle double sided variable data applications, a barcode is printed in the non-image area of every sheet. When the sheet is backed up, the barcode is read and the press downloads the right data for that sheet before printing.



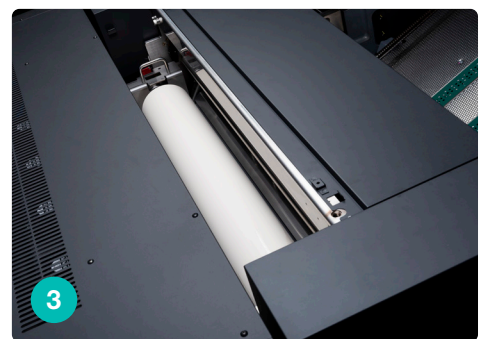
NOZZLE CORRECTION

Every sheet is scanned by the In-Line Sensor (ILS) with the system making any necessary alterations in real time. The system is mounted just after printing to ensure any adjustments are applied dynamically throughout the run.



NEW SAMBA PRINTHEADS

The paper is fed onto the imaging cylinder where it is held by grippers and a vacuum, and four Samba print bars deposit the CMYK inks in a single pass. The unique vacuum system significantly enhances print quality and consistency.



PAPER PRIMING

The primer unit applies an ultra-thin film Rapid Coagulation Primer onto the paper via an anilox roller mechanism (in High Quality mode). The reaction of the primer and the water-based ink produces incredibly sharp dots and vibrant images on standard B2 coated paper.

J PRESS 750HS (HIGH SPEED MODEL)



SEE FOR YOURSELF

Fujifilm Graphics Innovation Hub, Chicago

Located in our North American Headquarters just 30 minutes west of Chicago, the Fujifilm Graphics Innovation Hub is here to showcase for you the newest innovations from Fujifilm's Graphics Division.

Have Questions?

Our GIH specialists have more than 150 years combined experience in the printing industry from multiple segments and are dedicated to listen, educate and demonstrate all of the relevant capabilities, features and benefits that will support your informed decision to partner with Fujifilm.

Sample Evaluation

Samples are typically the first step in the evaluation process. Our sample kits help you see not only the quality and capability of our solution, but also practical applications as well as bold innovative applications. Don't be surprised if we inspire your creative side as well as your technical side.

Custom Validation

Once you have seen our sample kit, the next step is to see your unique material, application, finishing and or business needs matched with our solution. Working together with our team of experts, you will develop a project, specify materials, submit files, and build a production plan.

Demo Experience

From the comfort of your office or press side in the GIH, we offer several types of demo experiences based on your availability and knowledge needs. From the shop floor to the executive suite, we provide an interactive experience geared to be relevant for all audiences.



***NEVER
STOP***

BELIEVING IN PRINT

ABOUT FUJIFILM GRAPHIC SYSTEMS:

At our core, FUJIFILM Graphic Systems lives and breathes PRINT.

The future of print is reliant on dynamic collaborations – the ability to build and foster strong partnerships with personable foundations built on trust and the same high expectations from the innovation labs to the production rooms.

FUJIFILM understands where you've been – where you are, where you want to be and how to get there. FUJIFILM grew up in the same press rooms. We speak the same language. We have the same demanding expectations of color, quality, speed and efficiency. We led the innovation and development behind many of the transitions to digital and inkjet that are now integral parts of your production environment. FUJIFILM is committed to leveraging the best from the past, leading to the future, and standing by your side the whole time. Just like you, we're the inventors and the innovators.

FUJIFILM has a glorious history in print. Over the past 80 years, FUJIFILM has been applying its vision and innovation to the photographic and printing markets. FUJIFILM Graphic Systems has played a leading role in the traditional, hybrid and digital aspects of the industry – we're proud of the work we do – from industry leading innovation in offset and flexo plates, to high speed inkjet presses, wide format printers, ink development and manufacturing, sustainable packaging solutions and more.

When partnering with FUJIFILM Graphic Systems Division, you're accessing world-class expertise, but more importantly, you are joining a family. Large or small, it doesn't matter, FUJIFILM Graphic Systems Division support all our customers with the same enthusiasm, expertise and care.

WE ARE FUJIFILM AND WE BELIEVE IN PRINT.

Learn More at print-us.fujifilm.com



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