

# INFOPRINT 5000 COLOR PRINTING SYSTEM WITH AFP, POSTSCRIPT, AND PDF SUPPORT

## HIGHLIGHTS

- Family of continuous forms, full-color, fully variable data systems with a choice of models, all using proven and highly reliable piezo-electric drop-on-demand inkjet technology to print AFP™, PostScript®, and PDF applications
- InfoPrint® Solutions controller (supporting AFP, PS, and PDF) uses IBM®'s POWER5™ technology with IBM blade technology to deliver high performance for full-color, variable data applications
- Flexible configurations with a range of models at various speeds
- The different InfoPrint 5000 models can help expedite job completion and enable consolidation of footprints, reducing overall costs
- High quality can differentiate your documents and drive improved customer response by using relevant color messaging with a choice of water-based pigment or dye ink systems to support a broad range of applications
- A complete solution including superb print quality, market-leading energy efficiency, ease of use, high reliability, a broad range of supported media, and powerful process management software with InfoPrint ProcessDirector and InfoPrint Manager
- Integrated MICR printing capability



The InfoPrint 5000 can address requirements for speed, quality, reliability and ease of use for transactional printers, service bureaus, direct mailers and book printers with AFP, PostScript or PDF color applications. The new AFP models support the open industry-standard AFP color management architecture published by the AFP Consortium ([www.AFPColor.org](http://www.AFPColor.org)) to provide accurate, consistent and device-independent color rendering. These new models use a powerful and scalable InfoPrint Solutions cluster-based printer controller that can drive parallel AFP or Adobe® PostScript RIPS and deliver high-speed printing to meet customer needs using IBM blade technology. InfoPrint 5000 applications can be driven by InfoPrint ProcessDirector or InfoPrint Manager.

The InfoPrint 5000 uses piezo-electric drop-on-demand inkjet print head technology. The InfoPrint 5000 only jets ink when it's needed on the paper. With this technology, ink is never recycled or reconstituted. Color depth is achieved at the print head with 2 bits per spot and the use of multiple drop sizes. High quality, water-based pigment or dye ink systems can meet a broad range of applications. The printing speed ranges from 209.9 feet/minute (64 meters/minute)<sup>1</sup> or 916 full-color letter-size impressions/minute in 2-up tandem duplex mode (862 A4 impressions/minute)<sup>1</sup> to 419.8 feet/minute (128 meters/minute)<sup>1</sup> or 1,832 full-color letter-size impressions/minute (1,724 impressions/minute A4)<sup>1</sup> in 2-up tandem mode using a 20.4" (520 mm) web with maximum print width of 19.96" (507 mm).

## INFOPRINT 5000 COLOR PRINTING SYSTEM AT A GLANCE

| Item                             | Specifications  |
|----------------------------------|---|
| Technology                       | Inkjet four-process color using proven piezo-electric drop-on-demand print head technology                    |
| RIP Processing Server/Controller | Powerful, scalable InfoPrint Solutions printer controller using parallel RIPs                                 |
| Datastreams                      | PostScript, PDF, AFP/IPDS   |
| Ink/Supplies                     | Water-based pigment or dye ink systems, CMYK process colors   |
| Paper Characteristics            | Roll feed: 6.5"-20.4" (165 mm x 520 mm) paper width<br>64-157 gsm 16-42 lb. bond, including digital EP papers |
| Print Image Area                 | Up to 19.96" (507 mm) print width   |
| Pre-Post Processing              | Roll input and a variety of output devices<br>Tight-web required  |

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## INFOPRINT 5000 MODELS

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|-------------------------------|--|
| <b>InfoPrint 5000 AS1</b>     | Simplex Printing 360 x 720 dpi resolution 2 bits/spot, multiple drop sizes Web speed of up to 209.0 feet/minute <sup>1</sup> (64 meters/minute) or 558 full-color letter-size impressions/minute (430 impressions/minute A4) <sup>1</sup> in 2-up tandem mode                    |
| <b>InfoPrint 5000 AD1/AD2</b> | Duplex Printing 360 x 720 dpi resolution 2 bits/spot, multiple drop sizes Web speed of up to 209.0 feet/minute <sup>1</sup> (64 meters/minute) <sup>1</sup> or 916 full-color letter-size impressions/minute (862 impressions/minute A4) <sup>1</sup> in 2-up tandem duplex mode |
| <b>InfoPrint 5000 AS3</b>     | Simplex Printing 360 x 360 dpi resolution 2 bits/spot, multiple drop sizes Web speed of up to 419.8 feet/minute (128 meters/minute) <sup>1</sup> or 916 full-color letter-size impressions/minute (862 impressions/minute A4) <sup>1</sup> in 2-up tandem mode                   |
| <b>InfoPrint 5000 AD3/AD4</b> | Duplex Printing 360 x 360 dpi resolution 2 bits/spot, multiple drop sizes Web speed of up to 419.8 feet/minute (128 meters/minute) <sup>1</sup> or 1,832 full-color letter-size impressions/minute (1,724 impressions/minute A4) <sup>1</sup> in 2-up tandem mode                |

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**FOR MORE INFORMATION**

Contact your InfoPrint Solutions Company representative or InfoPrint Solutions Partner or visit:

[infoprint.com](http://infoprint.com)

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<sup>1</sup> Speed may vary depending on application efficiency, page complexity, network bandwidth, etc.