

ImpoProof vs Spinjet

Cost of Purchase - Same
Cost of Ownership - Half
Productivity - Doubled

Productivity

- ImpoProof can output 12 proofs per hour vs 6 per hour for Spinjet.
- ImpoProof has 2 HP 1050s printing at the same time vs Spinjet's 1 printer.
- Therefore ImpoProof has double the speed of Spinjet.

Registration

- ImpoProof has an accuracy of ± 1 mm corner to corner.
- Spinjet has a ± 1 mm in the center of the sheet. What happens at the corners is uncontrollable. The reason this is so is because their front-end (SpinFlow) is only capable of accepting and proofing .rtl files (Native HP language). Rtl files are final files that cannot be corrected (i.e.. repositioned or scaled to accommodate paper stretch or shrinkage).
- Since both devices predominantly run on non-glossy stocks, the reality is that based on room conditions (temperature and humidity) as well as ink coverage per form, the paper tends to change size. ImpoProof software Module, Print Manager, has the capability of compensating for paper size change. The predominant change occurs lengthwise due to the way the paper is grained, and ImpoProof can control this. Also, with their unique camera registration system, ImpoProof can consistently correct registration errors, and with their ability to control the length variable, ImpoProof can achieve corner to corner ± 1 mm.

Cost of Operation

- Hyphen has 300' on a roll, because Hyphen uses the 2" core. Curl is not an issue. Hyphen has also developed a synthetically coated paper that costs 180.00 list for 300'. The advantage to synthetic coating is that it is less susceptible to room condition problems, and you can get more ink without bleeding through. Depending on the quality you are looking for, if you want the best available quality proof, you must run a premium coated paper.

-Spinjet requires you choose from a select list of compatible papers. Because they print one side, then cut the roll and refeed the paper back through the printer, curl becomes a real issue for Spinjet. If there is too much curl, the paper will jam upon refeed. Also, certain papers render the first 20 feet and the last 30 feet of the roll unusable. The premium Spinjet papers list from 240.00 to 340.00 for a 36" roll x 225 feet. The warranted paper is the Dupont Digital Dylux at 340.00. They can only get 225 feet on a roll because they require the use of a 3" core, as opposed to the usual 2" core. This helps alleviate some of the curl issues at the end of the roll.

Hyphen Asia Pacific Software

-The standard ImpoProof software suite modules allow a much greater degree of flexibility. ImpoProof can accept the following types of files; PS, PDF, RTL, any flavor of TIFF {1 Bit, 8 Bit, 24 Bit and 32 Bit), DeltaList, TIFF-IT. ImpoProof can connect up to any known reasonably current front-end system on the market today. The ImageProcessor Module gives a far better quality output than SpinFlow. ImpoProof also allows unlimited custom Color Calibration. ImpoProof is not limited with the RTL file that is given. ImpoProof can also handle up to 8 input colors in a 1 Bit TIFF mode. ImpoProof can simulate and remerge spot colors back into CMYK.

Future Paths

-Hyphen Asia Pacific will soon be launching new models available on the HP 5000 series. Considering customers whose requirements exceed 36".

-Spinjet cannot operate without a back feed slot.

Cost of Equipment

-ImpoProof lists at \$34,000.00 complete, including 10 rolls of paper.

-Spinjet is normally quoted at \$28,000.00. Add the cost of a computer, usually quoted at \$3,000.00. 10 rolls of Digital Dylux costs \$3400.00. Extensive integration installation costs are also extra. Therefore, cost of equipment is the same.