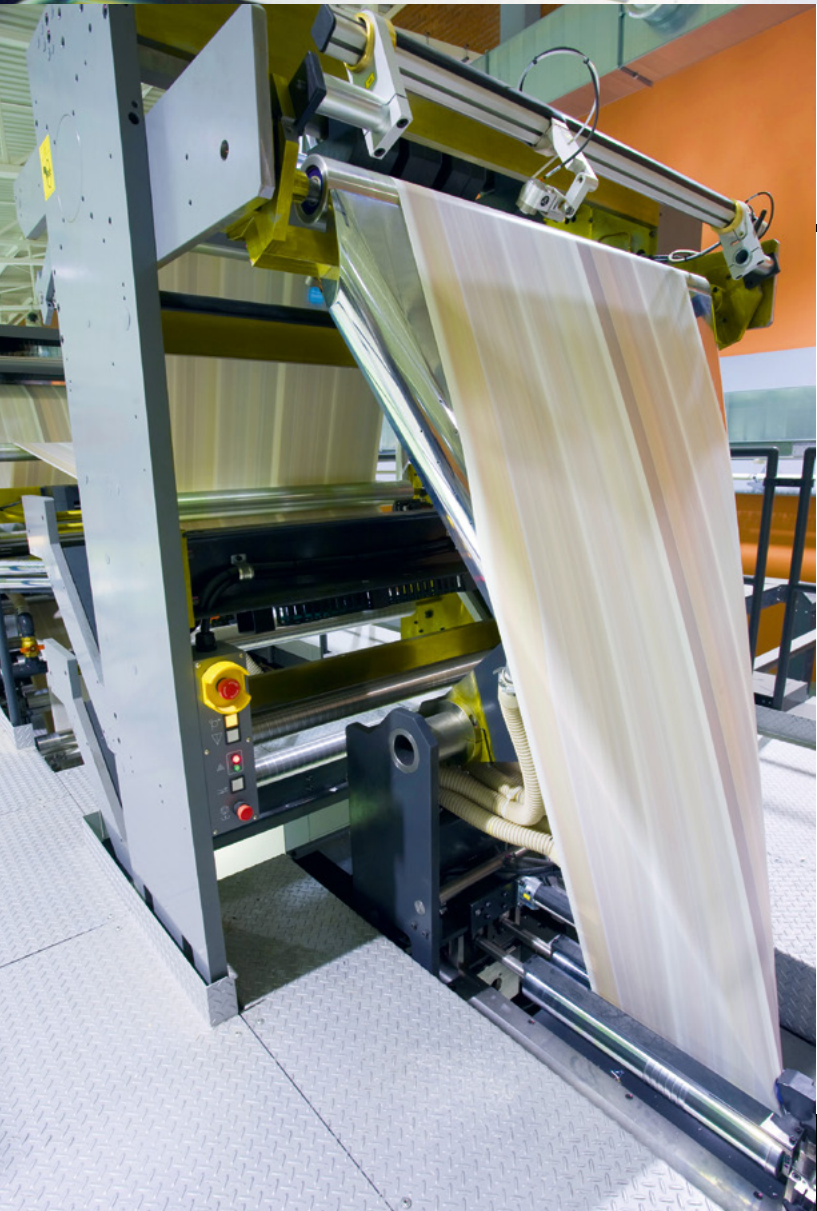


# Intelligent Imposition for Industry 4.0



InSoft

## Is your imposition software capable of doing:

- Unmanned imposition for Book-of-One?
- Dynamic imposition for multi-web and partial-web?
- Parallel Imposition of multiple books?
- Automatic spine calculation?
- Signature Ganging?

[www.insoftautomation.com](http://www.insoftautomation.com)

# ESTIMATION: TAKE THE GUESSWORK OUT OF YOUR NUMBERS

Can your estimation system automatically select cost-efficient printing equipment & the optimal routing for your bound jobs?

High Volume | Medium Runs | Book-of-One | Print on Demand

- InSoft brings software intelligence to calculate the most optimized way to print a bound job
- Empowers your sales and CRM teams (with limited technical knowledge) to generate accurate quotes
- With single click generate complex estimates for sewing books with multiple parts or simple paper back
- Software goes to micro level to calculate different costs, not just approximation or XL formulae
- Generate quotes and job cards in the design & format of your choice

## ESTIMATION DETAILS (CASE BINDING BOOK)

| Layouts                 | Paper/Board  | Printing                       |                               | Lamination (Front)               | Spot UV (Front)                   | Guillotine Cutting             | Folding                         | Sewing                           | Book Block Making                    | Casing In                          | Shrink Wrap                       | Packing                       | Dispatch                        |                            |
|-------------------------|--|--------------------------------|-------------------------------|----------------------------------|-----------------------------------|--------------------------------|---------------------------------|----------------------------------|--------------------------------------|------------------------------------|-----------------------------------|-------------------------------|---------------------------------|----------------------------|
|                         |  | Front                          | Back                          |                                  |                                   |                                |                                 |                                  |                                      |                                    |                                   |                               |                                 |                            |
| Layout 2<br>Inner Pages | 24in X 36in →<br>2102 Sheets<br>191.206 lbs<br>\$ 72.17  | KBA<br>\$ 452.12<br>1hr 9min.  | KBA<br>\$ 423.71<br>1hr 4min. |                                  |                                   |                                |                                 |                                  |                                      |                                    |                                   |                               |                                 | \$ 948.00<br>2hrs 14min.   |
| Layout 1<br>Inner Pages | 24in X 36in →<br>2102 Sheets<br>191.206 lbs<br>\$ 72.17  | KBA<br>\$ 452.12<br>1hr 9min.  | KBA<br>\$ 423.71<br>1hr 4min. |                                  |                                   |                                |                                 |                                  |                                      |                                    |                                   |                               |                                 | \$ 948.00<br>2hrs 14min.   |
| Layout<br>Cover         | 26in X 40in →<br>1998 Sheets<br>350.029 lbs<br>\$ 181.98 | KBA<br>\$ 464.35<br>1hr 11min. |                               | MK 40<br>\$ 227.80<br>1hr 14min. | PTK 30<br>\$ 129.34<br>1hr 20min. | Polar 40<br>\$ 2.24<br>2.7min. |                                 |                                  |                                      |                                    |                                   |                               |                                 | \$ 1005.72<br>3hrs 48min.  |
| Signature<br>2          |  |                                |                               |                                  |                                   |                                | Stahl<br>\$ 169.50<br>1hr 8min. |                                  |                                      |                                    |                                   |                               |                                 | \$ 169.50<br>1hr 8min.     |
| Signature<br>1          |  |                                |                               |                                  |                                   |                                | Stahl<br>\$ 169.50<br>1hr 8min. |                                  |                                      |                                    |                                   |                               |                                 | \$ 169.50<br>1hr 8min.     |
| Product                 |  |                                |                               |                                  |                                   |                                |                                 | Smyth<br>\$ 202.00<br>1hr 21min. | Muller<br>\$ 1074.53<br>10hrs 39min. | Excel<br>\$ 759.14<br>10hrs 15min. | PacTech<br>\$ 157.78<br>1hr 6min. | Packing<br>\$ 7.03<br>7.0min. | Dispatch<br>\$ 70.00<br>0.0min. | \$ 2270.48<br>23hrs 21min. |
|                         | \$ 326.32  | \$ 2216.01<br>5hrs 38min.      |                               | \$ 227.80<br>1hr 14min.          | \$ 129.34<br>1hr 20min.           | \$ 2.24<br>2.7min.             | \$ 339.00<br>2hr 16min.         | \$ 202.00<br>1hr 21min.          | \$ 1074.53<br>10hrs 39min.           | \$ 759.14<br>10hrs 15min.          | \$ 157.78<br>1hr 6min.            | \$ 7.03<br>7.0min.            | \$ 70.00<br>0.0min.             | \$ 5511.20<br>33hrs 58min. |



After 6 months of evaluating range of solutions we chose Imp & Imp Flow from InSoft. **With Imp software we have increased productivity, eliminated manual process, automating the production reports, quicker last-minute editing of layouts.**

Pavel Chylik  
Czech Republic

 **FINIDR**  
TISKÁRNA · DRUCKEREI · IMPRIMERIE · PRINTING HOUSE



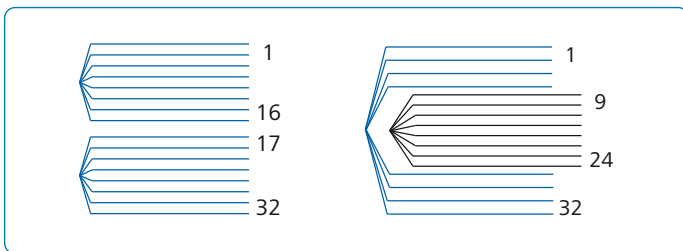
# COST-BASED IMPOSITION: AUTOMATE & OPTIMIZE

## How about upscaling your layout planning with intelligent imposition ?

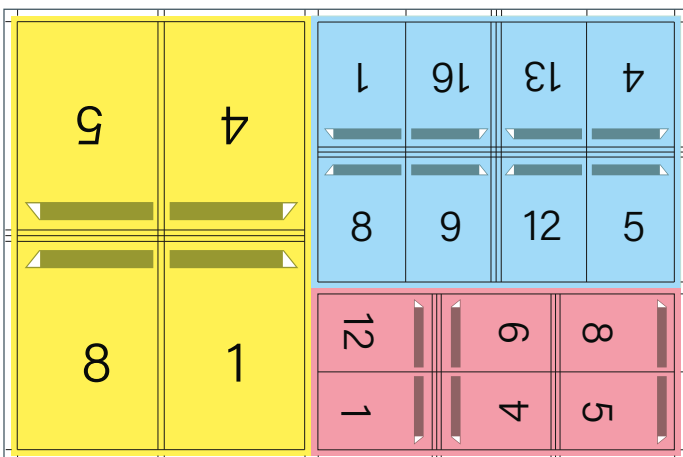
Remove your bottlenecks with Imp, the best imposition software that automatically generates accurate print ready layouts for different print devices, be it conventional offset presses, short format digital or continuous feed digital web presses.



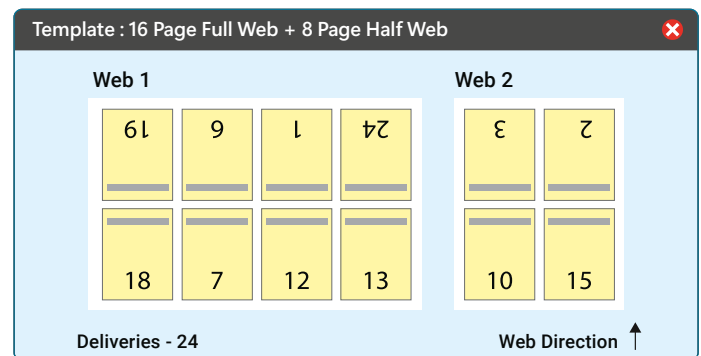
**Selecting the right signatures and assembling them.** No need for manual selection of folding templates and creating an assembly. Imp does this - Automatically!



**Signature & cover ganging.** Imp is the most powerful ganging engine that can identify, sort and gang signatures and covers based on paper, colors, quantities and trim size - Automatically !



**Only automated solution for conventional webfed offset presses.** Whether it's a single web, multiple web or press with slit attachment, Imp offers full automation in web imposition.



**Automated selection of press, sheet/reel & workstyle.**

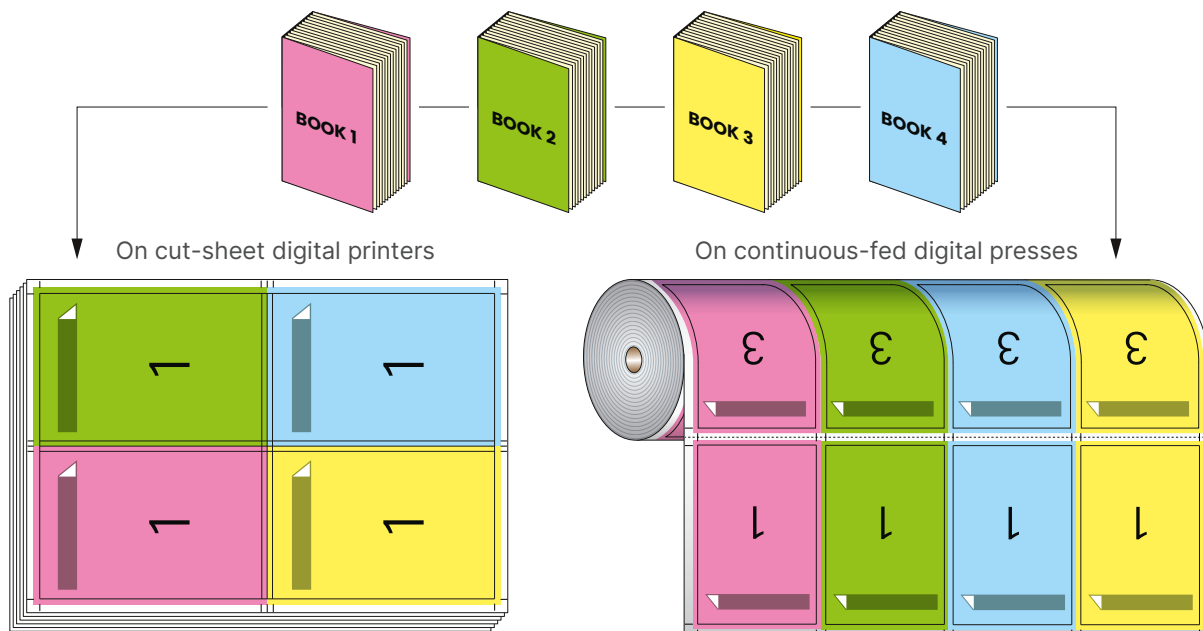
Software automatically selects the best sheet size / reel width, most economical printing device and workstyle. Change the required quantity and you might find the software automatically switch from offset to digital !



**This software when used upstream in estimation and planning, will help you realize holistic automation !**

**Parametric cover template designer with auto spine thickness calculator.** The cover designer utility allows users to define different covers - paperback, pre-laminated and jackets.

**Parallel imposition of books.** This innovative feature dramatically simplifies the complexity in creating imposition schemes where different books of similar sizes and page count are planned together in individual lanes/tracks on the same layout.



## Is your current imposition able to match the speed of your digital print devices?

Imp software is the fastest and smartest imposition tool in the industry - be it impositions for cut-sheet or web-fed digital presses, it surpasses the expectations - and that too totally UNMANNED !

## AUTOMATION & INTEGRATION

**Imp Flow.** A hot-folder based software application built on top of Imp software. It leverages the inherent intelligence of the Imp software to provide unparalleled automation in layout planning and imposition.

**Switch Integration.** Imp XML creator, a free app, allows SWITCH to automate file processing without any touch points. First time the file is touched is when it is sent on printing device.

**API Integration.** A comprehensive SDK (software development kit - API) on .Net 6 is available for integration with MIS/ERP or custom developed solutions. Using API, one can programmatically command Imp software to perform most of the tasks. API allows freedom to build the service around our engine.

**Comprehensive reports and data exchange.** Imp software can export comprehensive data of layouts, costs, operations, and materials used in print, XML, CSV or MXML formats. You can pick the data required for your ERP/MIS.



For customized online demo, please write to us at [sales@insoftautomation.com](mailto:sales@insoftautomation.com) or visit [www.insoftautomation.com](http://www.insoftautomation.com)



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